



ISOLED®

CUSTOMISED LIGHT SOLUTIONS

2023

AT

WWW.ISOLED.AT

DE

WWW.ISOLED.DE

CH

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ISOLED® EUROPEAN BRAND SINCE 2008

Our company consists of professional visionaries and motivated doers, who continuously drive forward the technical developments in LED technology and set new accents and trends with their innovative ideas and solutions.

Since 2008 we have been offering our customers and partners a standardised LED product range with more than 2.830 items, intelligent LED project lighting solutions as well as customer-specific manufacture of sustainable LED lighting solutions according to specific requirements.

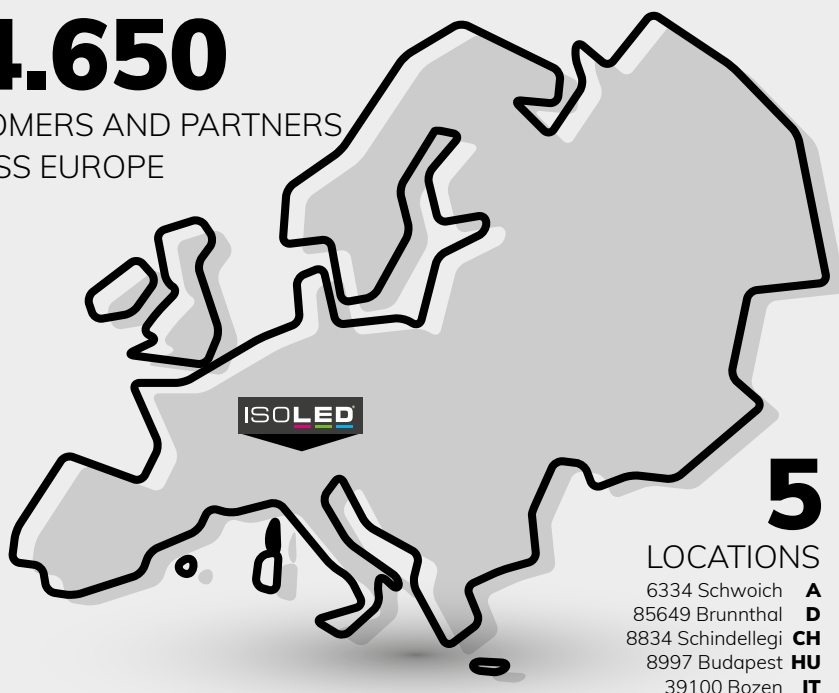
When creating our wide range of products and services, we base our actions both on

- » Requirements of our customers as well as on the
- » technical progress within LED technology.

Excellent quality, highly competent advice from our staff, as well as sustainable growth of our company make sure our partners can reliably cover their needs with the latest LED lighting components and systems.

14.650

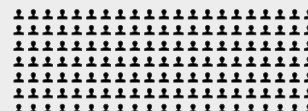
CUSTOMERS AND PARTNERS
ACROSS EUROPE



**Specialist and wholesale trade
trade and commerce**

**Commercial wholesale customers
Architects and planners**

**Industrial customers
Local authorities**



170

EMPLOYEES

12

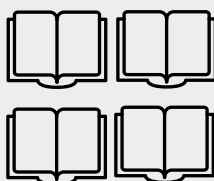
NATIONS

4.121.688

WEBSITE CALL/YEAR

+ 95.000 @

SUBSCRIBE TO NEWSLETTER



1088

PAGES

35.000

PIECE/EDITION

5

LANGUAGES

DE EN FR IT HU

ISOLED® Austria technology and logistics center

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Dear ladies and gentlemen, dear customers and interested parties !

At the time of publication of our product catalog 2023 (with about 2830 products and 419 new listings), our general life has become more uncertain and burdensome. Many new factors are influencing the economy, the stability of Europe and our everyday life. Massively rising raw material and energy prices, significantly extended times in the supply chain, fears created by the Russia-Ukraine war and the associated inflation on an unimagined scale, as well as interest rate increases present us with enormous challenges that must be overcome.

We must also not ignore the corona pandemic, as the end is not yet in sight, and the effects are also being felt in the personal and economic spheres.

Only through an optimistic and combative attitude, we can maintain our economic performance, our basic social order and our social systems.

**"Always stay positive and optimistic,
always keep fighting and never give up!"**

**„Immer positiv und optimistisch bleiben,
immer weiter kämpfen und niemals aufgeben!“**

Sarkis Otyan (1939 – 2022)

Our focus and efforts are to continue to maintain our services at the highest level and to constantly improve. We achieve this with market-driven adjustments and the most intensive efforts to ensure that these factors do not influence the business relationship.

We have learned to keep our company "FIT". Despite difficult conditions, we were able to continue our growth of over 20% from 2019 to 2020 in 2021 due to ongoing optimisation.

Top motivated employees, an adaptable organisation, as well as a sustainable development of our digitisation strategy, essentially form the basis of our performance.

We are a "fit" company with a powerful organisation and top motivated employees!

In this way, we ensure:

- » best service and qualified expert advice
- » continued maximum availability
- » Top quality
- » a sustainable range
- » long-term and stable partnerships

We received outstanding feedback through the 2022 customer survey. A recommendation rate of over 99% (with approximately 2,000 qualified customer responses) speaks volumes.

We continue to monitor ongoing developments with prudence and care so that we can continue to shape our work actively and in line with the market.

Flexibility and agility are constant companions in our everyday work.

Many thanks to our employees! Who have helped to shape everything, who have supported everything and who have given their best. We cannot appreciate enough the dedication, trust and loyalty of each individual.

Many thanks to our customers and partners! Who, despite the uncertainty, have pushed and further expanded the cooperation and remain loyal to us. Your trust in our service, our competencies, the ability to deliver, the products and services contribute significantly to our success.

Our plans for the future remain ambitious and growth-oriented. Based on our core values of sustainability, loyalty and trust, we will take further steps to invest in the intensive expansion of market development in the DACH region, expand our sales throughout Europe and further develop our order-oriented manufacturing.

In addition, we will deepen our industry and target group approach!

We continue to grow! We continue to grow! In the first half of 2022 we were able to continue our growth course (again a + of approx. 17 %), therefore we are strengthening our existing team of over 170 employees in all areas - with a focus on sales and customer service.

Above all, we wish you, your employees and families health, happiness and a good business year together.



Ing. Hacadur Otyan
CEO | Chairman of the board (founder)



Mag. Stefan Wurnig
CTO | Management Technology (founder)

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- 287** LED AR111 spotlights and frames
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311 LED WALL AND CEILING SURFACE-MOUNTED INDOOR LIGHTS

- 313 Ceiling fans with LED
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505 LED TRANSFORMERS

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CUSTOMISED LIGHT SOLUTIONS

SUSTAINABLE EFFICIENCY IMPROVEMENT WITH SMART LED LIGHTING CONCEPTS



STANDARDISED PRODUCT RANGE

More than 2.830 products
High-end LED components
High product availability



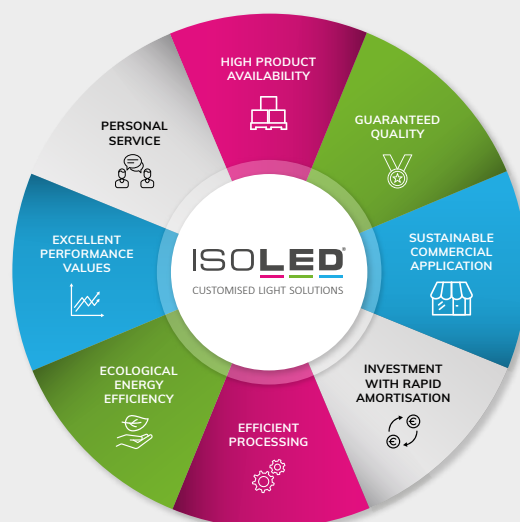
INTELLIGENT PROJECT LIGHTING SOLUTIONS

Scalable LED control technology
Holistic LED lighting systems
Personal project support



CUSTOMER-SPECIFIC MANUFACTURE

Manufactured light elements
Precise custom production
Delivery ready for installation





THE DIGITAL WORLD OF ISOLED®!

WELCOME TO OUR ISOLED WEBSHOP!

Here we continuously present the newest and always available range of over 2.830 ISOLED® branded products. Each item is assigned to unique product categories, unmistakably listed with its designation, illustrated with pictures and fully identified with all technical data and sketches.

ISOLED® ONLINE PORTAL

ALL BENEFITS AT A GLANCE

- | | | | |
|---|---|--|---|
|  Discount classification and terms and conditions agreement with our sales staff |  Complete product documentation released for free download |  Quotations for project inquiries by our sales office/field service |  Personal contact person at ISOLED® (sales office/field service) |
|  Free, easy and unbureaucratic registration |  Unrestricted access to light calculation files |  Ordered by 11 a.m., usually dispatched the same day |  Consistently secure connection to the ISOLED® online portal - high security standards |
|  Current product availability can be called up in real time - High product availability |  Free online and offline version of the ISOLED® catalog |  Direct order entry Order history can be called up at any time |  Status overview and online tracking of orders placed |



THE COMING SOON WE EXPAND THE FUNCTIONS

- » Online light calculation
- » Advanced filter functions
- » New data sheets

MORE THAN "JUST A WEBSHOP"

In our extensive online portal you will find everything your "LED heart" desires. Whether knowledge, training or video instructions - we provide you with all the materials and services that you or your customers need.

KNOWLEDGE

ADVANTAGE THROUGH KNOW-HOW. WE SHARE OUR KNOWLEDGE!

Bundled knowledge on important topics from LED technology as well as application-specific assistance and instructions.

INDUSTRY FOCUS

YOUR ASSISTANT FOR ACHIEVING JUST THE RIGHT APPEAL FOR YOUR BUSINESS!

We support you in your target group-oriented market approach with our ISOLED® sector focus.

PRODUCT WORLD

ALWAYS THE RIGHT LIGHT FOR YOUR APPLICATION!

Over 2.830 high quality LED branded products and numerous new products.



ISOLED® Download area

- » Product documentation
- » Instructions
- » Product specifications in digital form
- » Light calculation files
- » CE declarations of conformity
- » Print version of our product catalog
- » ISOLED® Product knowledge
- » ISOLED® application technology
- » LED basic knowledge
- » LED initial assistance for sales

**PRODUCT BOOK-
LET AVAILABLE AS
DOWNLOAD OR
PRINT VERSION**



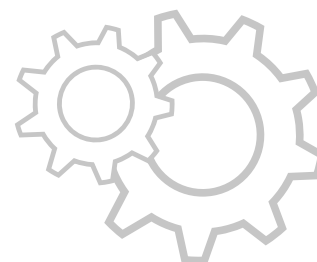


QUALITY IS NO
COINCIDENCE

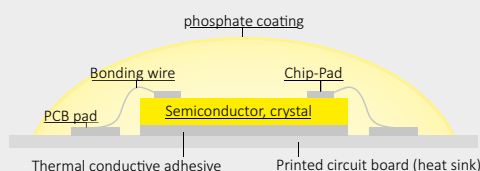
ISOLED® - TECHNOLOGY

ALWAYS THE PULSE OF PROGRESS

A rapidly changing world, rapid technical advances and increasing demands from our customers and the market challenge us every day. This dynamic is our driving force in the development of optimized and innovative new LED components, products and lighting systems. In close cooperation between our product management and production research and development teams, we develop trend-setting and solution-oriented lighting concepts - always with a focus on maximum economic and ecological energy efficiency.



SIGNIFY = PHILIPS



LED CHIPS AND COMPONENTS OF THE HIGHEST QUALITY CLASSES

LED branded products from ISOLED® consist exclusively of high-quality components. In addition, only tested LED chips and standardised components (excellent quality) are used. Our LED products must meet the prescribed performance values in accordance with the strictest quality and test criteria without any complaints in order to be finally released for sale.



ISOLED® DATASHEETS

The real performance data measured under real conditions are published for each item in a datasheet. Every customer has direct online download access.

TEST METHOD ON HIGHEST LEVEL

CONSTANT LIGHT QUALITY THROUGH BINNING

Binning at ISOLED® is an essential part of product management and quality assurance and is operated, monitored and checked with the greatest care.

» Compared to the usual market procedure, we define the exact x and y coordinates for our products on the CIE diagram (standard valence system) and thus reduce the commercially available bin sizes more than significantly (exact details are available on request). This ensures high and stable light quality (brightness, light color, etc.).

» Assuming the appropriate stock quantity and availability, each order at ISOLED® is served exclusively from a batch ID. This allows us to achieve uniform binning with the excellent value of 1 SWE (no visible color difference).

» For production and economic reasons, subsequent batches are in the range of 2 - 3 SWE (barely visible color difference) compared to previous batches.

DIMENSION OF THE MACADAMELLIPSIS	1 SWE	2-3 SWE	> 4 SWE
Quality of the color homogeneity	*No perceptible color difference	*Barely perceptible color difference	*Visible color difference

*color difference visible to the human eye that is not or barely perceptible

Good to know!

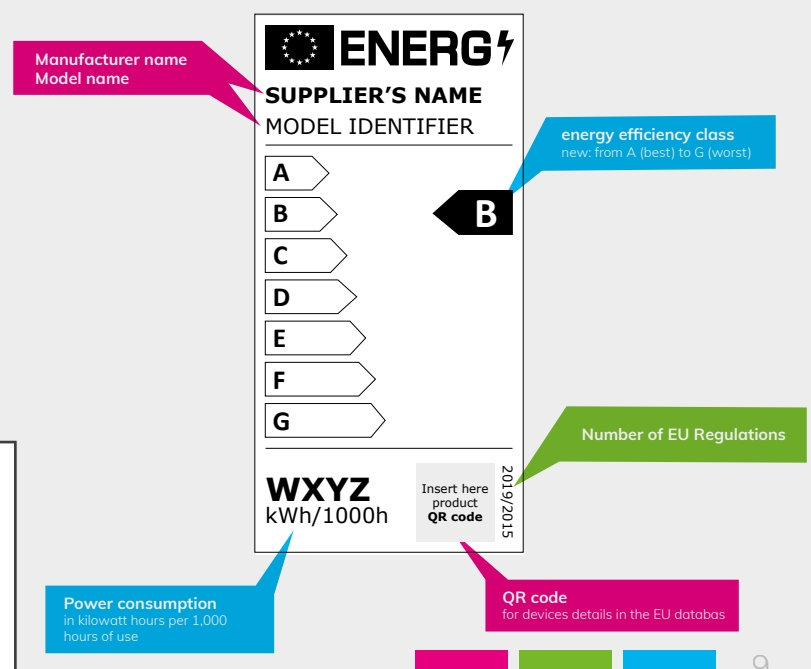
The new energy efficiency classes are now determined according to a modified calculation method. In particular, the **luminous flux** (lumen) obtained from the **power** (watt) is decisive for this. It is not possible to use the old energy efficiency classes

1:1 in the new classification system. The EU Ecodesign Directive provides for the **new** labelling requirement for all light sources from September 2021. The new classes can therefore already be found in our catalog.



The new energy efficiency classes

The new energy label divides light sources into **7 classes**: from **A** for "very efficient" to **G** "less efficient". The new scale makes it easier for consumers to compare products when the focus is on high luminous efficacy.



GUARANTEED QUALITY

TROUBLE-FREE OPERATIONAL SAFETY



Certified and tested

The complete LED ISOLED® product range is CE-marked and therefore complies with the requirements for product conformity according to the latest EU guidelines.

A tested and certified CE product coordinator from ISOLED® takes on the implementation of all ongoing internal standards and cross-checks of the EU regulations. Supplier audits ensure compliance with the CE requirements by the manufacturer.

Your quality requirements are our touchstone

We are committed to our customers and partners that luminaires, lighting components and systems, illuminants, control technology and all services based on the latest LED technology always meet the highest quality requirements. To ensure our high quality standards we offer:

- » Modern ISOLED® lighting laboratory
- » Batch-managed material flow
- » Quality management & warranty services
- » Internal & external quality audits
- » Customer-oriented return management
- » CE certification

Absolute data transparency WITH REAL PERFORMANCE DATA

We achieve the satisfaction of our customers and partners through data transparency. We test and measure all photometric parameters as part of a regulated multi-stage quality assurance process and list these, along with numerous other details, in our product data sheets. Our stated performance data are not simply the result of theoretical calculations, but correspond to the photometric values of the final overall product actually measured in our in-house lighting laboratory (i.e. including reflectors, optics, housing - measured under real ambient conditions, etc.).

On request, we can of course also provide specific reports from our photometric test laboratory.

FROM AUTUMN:

Benefit from our new **e-learning platform!** With ReTeach we offer you an innovative training and further education concept that will convince you.

YOUR PARTNER

ISOLED® Since 2008

Licensed partnerships



SIGNIFY = PHILIPS

QUALITY IS NO
COINCIDENCE

QUALITÄT IST
KEIN ZUFALL

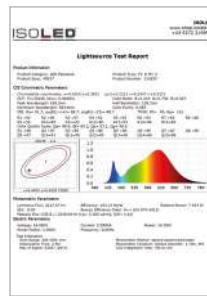
ISOLED®

CUSTOMISED LIGHT SOLUTIONS

SINCE 2008

ULBRICHT SPHERE

TEST REPORT LED FLEX STRIPE



CIE Colorimetric Parameters

CHROMATICITY COORDINATES $x=0.4320$ $y=0.3951$ $u(u')=0.2513$ $v=0.3447$ $v'=0.5171$

CCT: $T_c=3010$ K ($duv=0.00294$) **COLOR RATIO:** $R=0.243$ $G=0.730$ $B=0.027$ **PEAK WAVELENGTH:** 618.9 nm

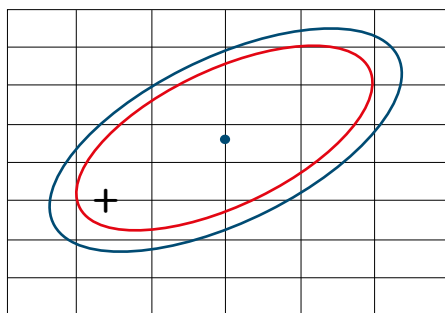
HALF BANDWIDTH: 158.3 nm **DOMINANT WAVELENGTH:** 583.9 nm **COLOR PURITY:** 0.483

CRI: $R_a=91.7$, $avgR(1\sim14)=88.7$, $avgR(1\sim15)=88.7$, **TM30:** $R_f=90$, $R_g=101$

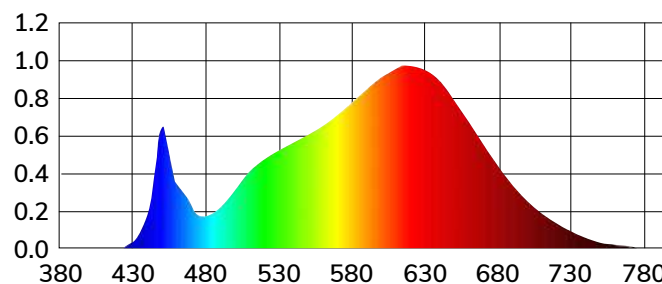
$R1=92$ $R2=96$ $R3=97$ $R4=92$ $R5=92$ $R6=94$ $R7=90$ $R8=80$ $R9=56$ $R10=89$ $R11=92$ $R12=80$ $R13=93$ $R14=98$ $R15=89$

Color Quality Scale: $Q_a=88.9$, $Q_f=89.2$, $Q_p=93.1$, $Q_g=98.8$

$Q1=88$ $Q2=97$ $Q3=85$ $Q4=86$ $Q5=90$ $Q6=90$ $Q7=87$ $Q8=90$ $Q9=97$ $Q10=91$ $Q11=90$ $Q12=90$ $Q13=90$ $Q14=86$ $Q15=86$



$x=0.4400$ $y=0.4030$ F3000



Photometric Parameters

LUMINOUS FLUX: 2217.67 lm **EFFICIENCY:** 154.13 lm/W

EEL: 0.09 **ENERGY**

EFFICIENCY CLASS: A++ (EU 874-2012) **MESOPIC**

FLUX (CIE R₁): 2518.04 lm ($L_p=0.100$ cd/m², $S/P=1.41$)

RADIANT POWER: 7.554 W

Electric Parameters

VOLTAGE 24.000 V **CURRENT:** 0.5995 A

POWER 14.39 W **POWER FACTOR** 1.0000 **FREQUENCY** 0.00 Hz

Test Information

SCAN RANGE: 380~800:1 nm

STABILIZATION TIME: 2 min

PHOTOMETRIC METHOD: sphere-spectroradiometer

Photometric Condition Sphere diameter: 1.70 m, 4 PI

Max of Signal 52967 (2971)

CCD Integration Time 765.41 ms



The heart of our light laboratory are the two ulbricht spheres (diameter 0.5 m and 1.7 m), which are used to measure photometric data.

QUALITY IS NO COINCIDENCE

Central QM assessment system

Our quality planning defines all quality characteristics and

mandatory test procedures, which are utilised in the areas of product development/design, purchasing, material management, production, sales, logistics and process management to ensure consistently high quality standards.

Cross-departmental internal and external audits verify and re- cord the implementation quality of control measures.

The results of the test records flow into a central assessment

system, and form both the basis for the assessment as well as a means for medium/long-term strategic and short-term operational measures.

Mandatory testing procedures in the QC test laboratory at ISOLED® are applied for

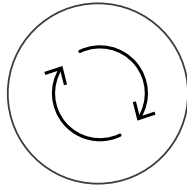
- » the regular measurement, verification and validation of all photometric data;
- » the ongoing, mandatory batch sampling;
- » the function / fault analysis and rectification in the event of complaints and returns;
- » the testing of prototypes from research and development;
- » the sustainable assurance of all quality standards by ISOLED®, the EU directive as well as other national and international standards and guidelines.



QM SYSTEMS ACCORDING TO ISO 9001

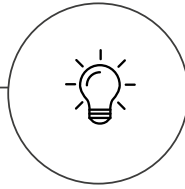
PRODUCT TESTS

IN SHORT-TERM AND LONG-TERM OPERATION



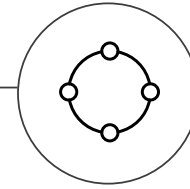
LONG-TERM TEST

W/var	Powerfactor
Lumen	Luminous flux
Kelvin	Color temperature
CRI	Color rendering
EEI	Energy efficiency
°	Beam angle
IK	impact resistance
mm	Dimensions



PRODUCT IMAGE

Flicker values SVM/Pst
Identification
Residual current
Color spectrum
Inrush current (max.)
EMC test
Harmonic/distortion factor
Component screening
Risk assessment



INCOMING GOODS & QUALITY CONTROL

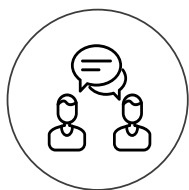
Switching and dimming cycles
Vibration resistance
Overvoltage resistance up to 280 V AC
Voltage peak resistance (1-3 KV)
Overhead continuous operation in closed housing
Heat resistance during operation at an ambient temperature of 90°
Corrosion resistance (chlorine/salt/UV)



SUSTAINABLE SPARE PARTS AND PRODUCT SUPPLY

In addition to the ISOLED® warranty services, we guarantee smooth and sustainable spares supply as well as long-term product availability. Due to rapid LED technology development, it is to be expected that products improve dramatically and change in some cases. The compatibility between, for example, newly developed LED light sources and existing LED lights must be ensured by the manufacturer in the long term.

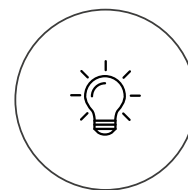
ADVANTAGE THROUGH KNOWLEDGE



Improving consultancy skills

We combine many years of experience in technical applications with LED know-how and pass both on to our employees.

With a deep understanding of the economic and environmental efficiency of LED light solutions, as well as enthusiasm for this sustainable and environmentally friendly type of lighting, they support our customers and partners through each LED project.



Specific customer training

It is very important to us that you and your staff are involved in the topics

- » ISOLED® Product knowledge,
- » ISOLED® application technology,
- » LED basic knowledge and
- » LED sales

for basic training and further development.

FROM AUTUMN:

Benefit from our new e-learning platform! With ReTeach we offer you an innovative training and further education concept that will convince you.

„Confidence comes with knowledge,
this is why we share our expertise!“

ISOLED® Team

ISOLED® ACADEMY | TAKE ADVANTAGE OF OUR OFFER

We offer **onsite and offsite training**. Whether in-house, by phone or webinar - you and your employees will receive all information and documents from us.

- » LED know-how
 - LED technology basics
 - ISOLED® product training
 - ISOLED® workshops for LED application technology
 - ISOLED® Workshop "Lighting design with DIALux"
 - Customer-specific LED workshops

We would be happy to create your personal training program tailored to your team!

Please contact us and book your individual workshop!

- » ISOLED® sales support for customers, partners and their staff
 - LED starter support for trade and crafts
 - Target group definition/market approach - in this way you will reach your target customers (ISOLED® sector focus)!
 - 100% LED - targeted argumentation with facts. With knowledge you score points with customers!
 - 100 % ISOLED® - this is how you and your customers benefit from the ISOLED® range of services!
 - Customer-specific ISOLED® workshops

ACADEMY
ISOLED® WE EDUCATE

THE NEW PRODUCT CATALOG ISOLED® 2023 COLLECTION

All good things come in fours! Our new collection of ISOLED® 2023 product catalogs is divided into four editions for a targeted customer approach. This means that you always have the right catalog with the appropriate product groups at hand. In the spirit of sustainability, you can of course also browse through all catalogs online.

Four topic-specific Catalogs

- » 1088 pages full of highlights
- » Available in: DE, EN, FR, IT & HU
- » Online flip catalog and up valuable print version
- » Prefabricated lighting components
- » Individual lighting concepts
- » Sustainable, intelligent lighting solutions
- » Custom-made products and OEM production



**ISOLED®
2023**

MAIN CATALOG

**ISOLED®
2023**

Tapes & Profiles

**ISOLED®
2023**

Ready to be plugged in

**ISOLED®
2023**

Infrared with light frame



We advise you personally and support you with the realisation of your projects!

DISCOVER ISOLED® ON YOUTUBE

NEW

Want to know what the United Glare Rating is all about? Or how to professionally install a drywall profile?

On our new YouTube channel you will find a constantly growing collection of videos on assembly instructions, product worlds, practical applications and knowledge topics.

You Tube VIDEOS ON ALL LED TOPICS



CUSTOMER SURVEY 2022

SUBSTANTIATED | PRESTIGIOUS | AUTHENTIC

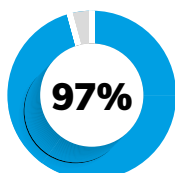
1931 CUSTOMERS
RESPONDED

13.2% PARTICIPATION
FROM 14,650 customers

15 NATIONS

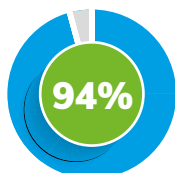
45 QUESTIONS

78.672 RESPONSES



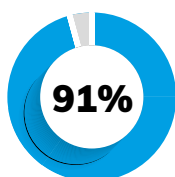
DELIVERIES

Confirm that deliveries always complete and are performed correctly..



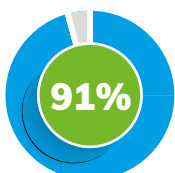
PRODUCT QUALITY

evaluate our product quality **very satisfied to satisfied.**



ON-TIME DELIVERY

evaluate our product quality **very satisfied to satisfied.**



PRODUCT AVAILABILITY

rate our product availability as **very good to good.**

ISOLED® COMPARED TO THE COMPETITION

Where would our customers position the ISOLED® brand against competitors on the market?

**TOP
3**

SERVICE & ADVICE

ISOLED® as market leader/ belongs to the market leaders: 81%



**TOP
3**

QUALITY

ISOLED® as market leader/ one of the market leaders: 69%



**TOP
3**

ABILITY TO DELIVER

ISOLED® as market leader/ belongs to the market leaders: 75 %



**TOP
3**

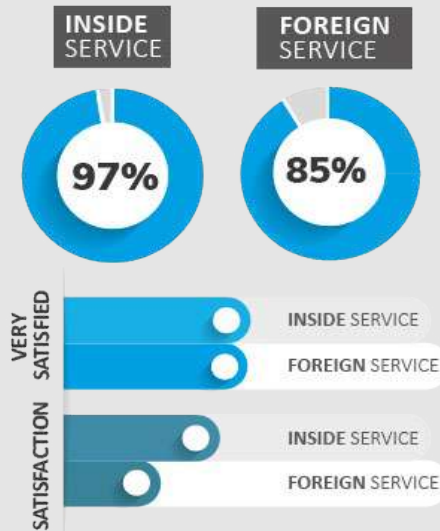
PRICE PERFORMANCE

ISOLED® as market leader/ belongs to the market leaders: 55 %



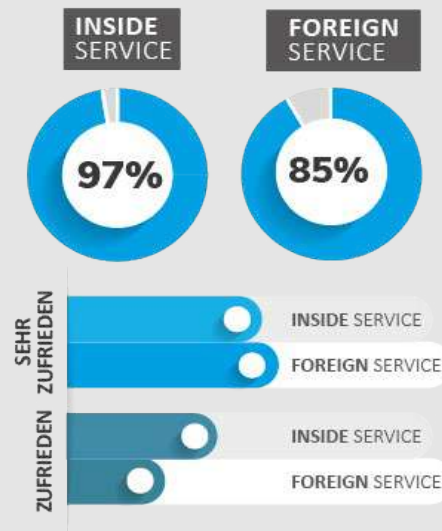
AVAILABILITY & RELIABILITY

Are you satisfied with the availability and reliability of our sales team?



TECHNICAL ADVICE

Are you satisfied with the technical advice provided by our sales team?



1 SUCCESS FACTORS



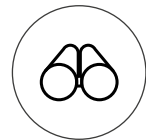
**COMPETENT CUSTOMER
ADVICE & SOLUTION OFFERS**



**PRODUCT RANGE
AVAILABLE FROM
STOCK**



**PERSONAL
SERVICE**



**TARGET GROUP &
INDUSTRY SPECIFIC**

99%

**OF OUR CUSTOMERS AND PARTNERS
RECOMMEND ISOLED®!**

Many thanks for your professional suggestions and your
motivating praise!

CUSTOMISED ASSEMBLY

DELIVERY READY TO CONNECT

Customized LED Lighting - Customized Assembly of LED flex stripes and aluminum profiles

Each project is unique. For this reason, ISOLED® assembles LED flex bands as well as aluminum profiles exactly according to your wishes and specifications. Regardless of whether you only need a single piece or want to commission a serial high-volume production **We will help you to implement your project.**

LED LUMINAIRE CONSTRUCTION

You need a luminaire as a special one-off for an office or would like to order an LED lighting element in series production? Whether a small or large project - let us advise you. **We support you with our expertise and build LED lights according to your specifications and wishes.**



Custom cutting LED flex stripes



Custom cutting LED cooling stripes



Soldering and connecting the LED flex stripes with connectors



Custom cutting profiles for LED flex stripes



Bonding of LED flex stripes in profiles



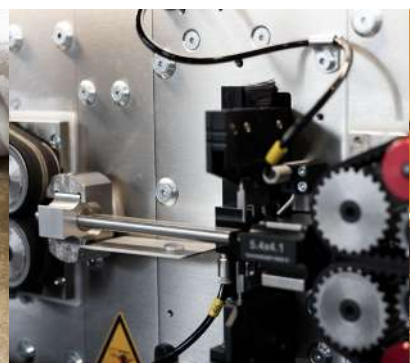
Attachment of infeeds, closure caps and cabling

Final function checks of the LED are of course standard at ISOLED®!

INDIVIDUAL ASSEMBLY OF LED FLEX STRIPES:

We assemble all LED flex stripes.
LED flex stripes

- » cut to measure according to the given parameters
- » professionally soldered with connecting/connecting cables,
- » or with clip connectors up to IP67 and reliably insulated.



Insulation material

The soldering points are professionally insulated with shrink tubing to protect them.

Connecting cable / connection cables

We manufacture connection cables of any length and can also use connection plugs of your choice.

PROFESSIONAL SOLDERING

SOLDERING AND CONNECTING WITH CONNECTION CABLES



Flex stripes are cut according to the desired dimensions at the point of separation, precisely soldered to the selected / required connection cables and professionally insulated and secured.



The final restoration of the tightness of the LED flex stripe is mandatory and is, of course, performed competently and reliably.



NO SOLDERING IS TOO COMPLEX:

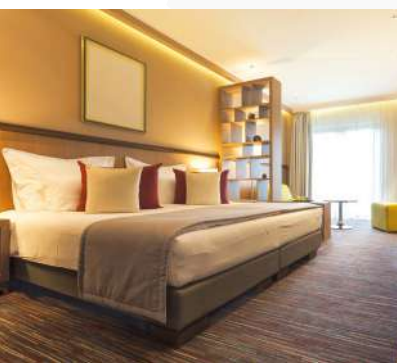
We solder and wire 2, 3, 4, 5 and 6 poles for you
With this we save you valuable working time!



NEW

AQUA FLEX STRIPES

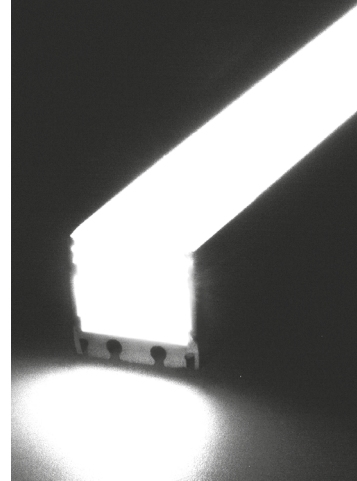
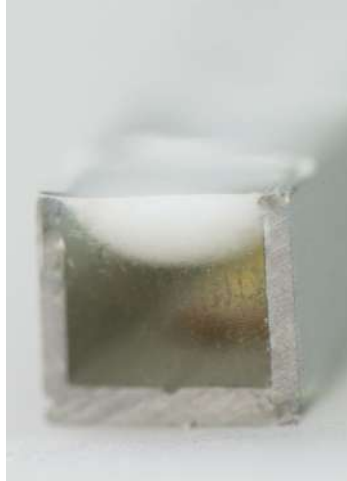
We assemble AQUA flexible stripes for outdoor use and provide them with weather-resistant connection cables of any length with protection class IP67.



CUSTOMIZED FOR YOU IN ONLY 5 WORKING DAYS!

FOR STOCK ITEMS AND STANDARD QUANTITIES





ASSEMBLY

OF LED ALUMINUM PROFILES

Our LED profiles and covers have a standard length of 2m (up to 5.5m depending on the item).

Our assembly service for LED aluminum profiles, covers and aluminum cooling strips includes:

- » the precise cutting according to the specified dimensions (also miter cuts from 45° to 135°),
- » the deburring of the cut surfaces,
- » drilling the profiles according to specifications,
- » clicking together the aluminum profiles and the covers,
- » the nesting of the profile with the cable lock (in case of compatibility),
- » attaching the end caps,
- » as well as threading in the wire suspension.

PREMIUM PURE FULL ENCAPSULATION

CUSTOM-MADE LED LIGHT STRIPES WITH IP67 PROTECTION

On request, we can assemble any aluminum profile with LED flex stripe and cabling (up to an aluminum profile length of 5.5m) in a multi-stage waterproof potting process. This means that linear light lines can be used safely waterproof in damp rooms, wet cells or outdoors. Advantages are:

Sealing: Protection class IP67

- » Salt/Chlorine/Fuel/Solvent/UV texture

- » High temperature resistance

High stone chip and abrasion resistance No yellowing

- » Walkable and driveable

NO heat accumulation on the LED strip



OEM

**WE ARE YOUR
PARTNER**

We develop your individual solution together with you.

We check the technical and commercial feasibility.

We calculate the minimum order quantity.

We realize your project!



You save valuable working time!



You can immediately start with the installation!



You have the certainty that your LED lighting will function reliably!

Manufactured light elements

Precise manufacturing

Delivery ready for installation

Precise - Fast - Reliable

TOUCH, TRY OUT AND TEST

YOU ARE THE BRAND!

On request, we can design your sample box individually adapted to your company and your logo.

We are happy to provide our partners with professional sales tools to support their sales.

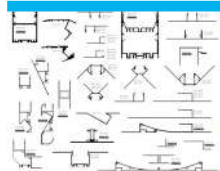
We offer you ISOLED® sample cases, stands and wall modules, which can be individually equipped and connected with our LED products according to your wishes. This way your customers can personally convince themselves of the power, appearance and feel of our brand products.

ISOLED® sample box

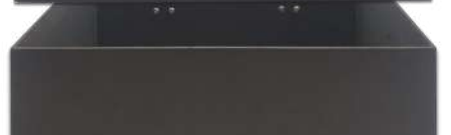


- » Surface-mounting profiles
- » profiles recessed
- » Corner profiles
- » covers

A0 Overviewposter | Box cross-section



- » Dry wall profiles
- » Luminaire profiles
- » Tile profiles
- » indirect profiles



5 cm Samples
115887



75% DISCOUNT

Samples at a special price

Each original item from the brand assortment of ISOLED® can be ordered for extensive product testing.

- » Sampling discount of 75% on the list price
- » once per year on each item

Individual design possible

ISOLED® Sample cases and wall modules

- » LED illuminants
- » LED aluminium profiles and / or LED flex stripes
- » spotlight recessed (also with illuminant)
- » ISOLED® Dimmer and RGB controls
- » Stands with pre-assembled products

PRODUCT OVERVIEW

ECONOMICALLY VALUABLE | ECOLOGICALLY SENSIBLE



3-Phase rail system



LED panels



LED linear Lighting



LED floodlights



LED highbay luminaires



LED street/car park lighting



LED floodlight for sports, commerce, industry



LED floor, pendant and pendulum lights



LED recessed lights



Plaster lights and retrofit circuit boards



LED wall and ceiling surface mounted luminaires indoor



LED outdoor lights



LED emergency light/escape route luminaires, battery lights



LED illuminants



LED tubes



LED controller

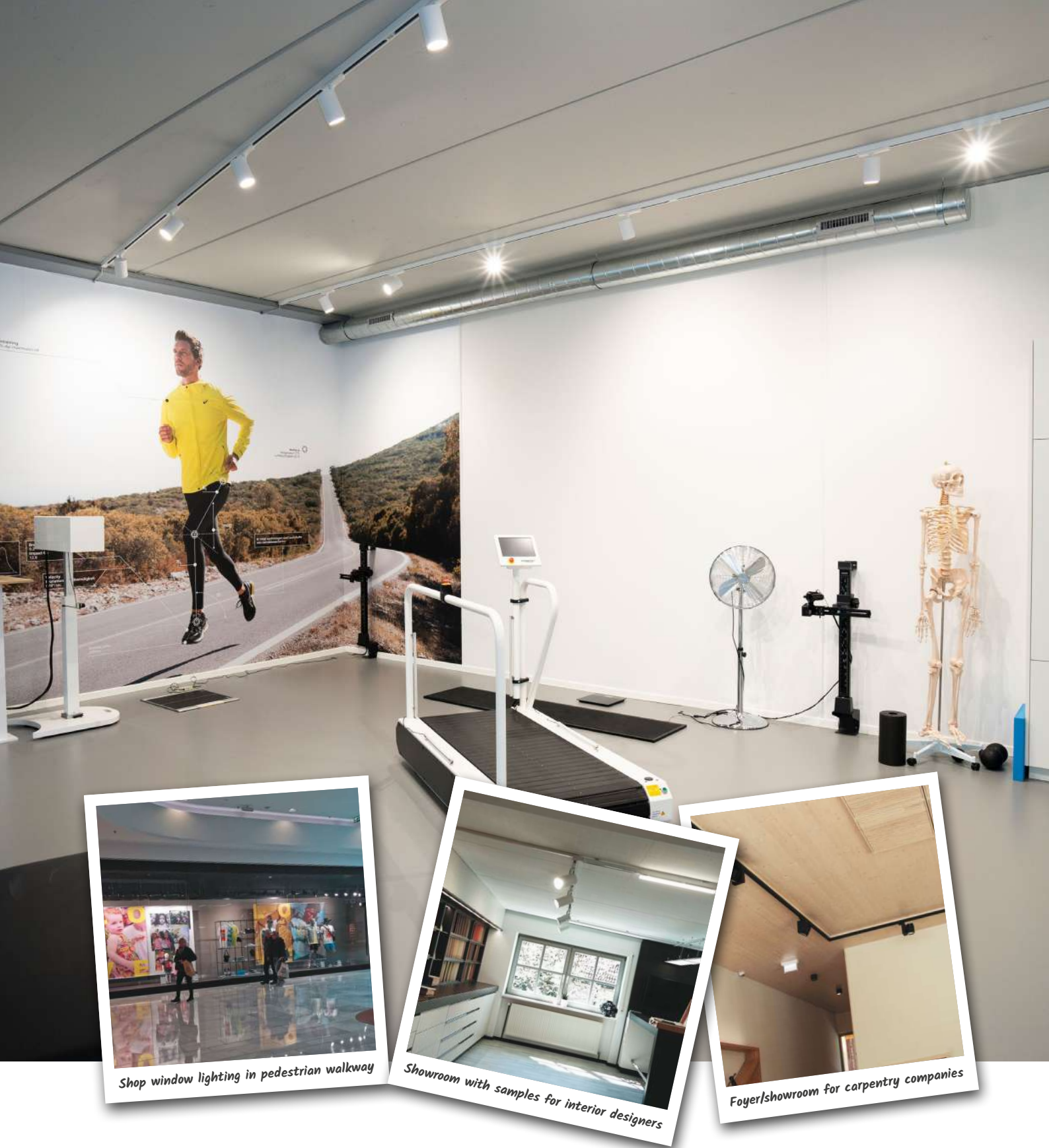


LED transformers



Installation material

LED 3-phase rail system	PAGE 25
LED panels	PAGE 63
LED linear Lighting	PAGE 105
LED floodlights	PAGE 135
LED highbay luminaires	PAGE 145
LED street / car park lighting	PAGE 167
LED floodlight for sports, commerce, industry	PAGE 173
LED floor, pendant and pendulum lights	PAGE 189
LED recessed lights	PAGE 225
LED plaster lights and retrofit circuit boards	PAGE 299
LED wall and ceiling surface mounted luminaires indoor	PAGE 311
LED outdoor lights	PAGE 343
LED emergency light, escape route luminaires, battery lights	PAGE 385
LED illuminants	PAGE 393
LED tubes	PAGE 447
LED controller	PAGE 455
LED transformers	PAGE 505
LED installation material	PAGE 545



Object-friendly product presentation for your sustainable business success

"That's what makes ISOLED® special: The friendliness of their employees combined with professional competence!"

Feedback from customer survey 2022

3-PHASE HV RAIL SYSTEM

CUSTOMISED LIGHT SOLUTIONS



PAGE 27

3-Phase HV rail system



PAGE 50

3-PHASE rails
Accessories S1 series
Surface-mounting

PAGE 51

3-PHASE rails
Accessories S1 series
Recess-mounting



PAGE 55

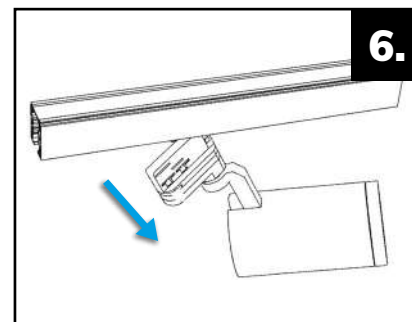
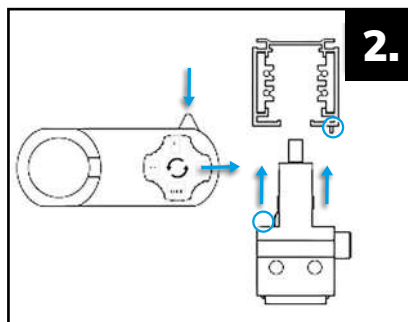
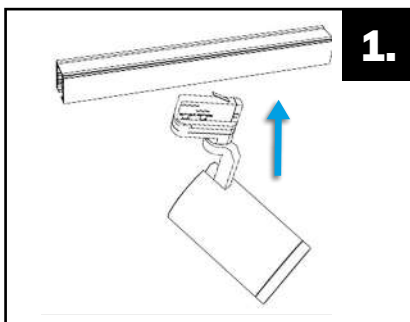
3-PHASE rails
Accessories Classic
Surface-mounting

PAGE 55

3-PHASE rails
Accessories Classic
Recess-mounting



INSTALLATION NOTE



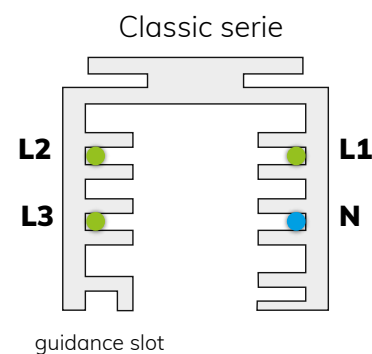
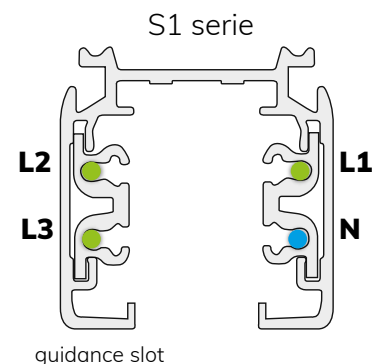
Installing the spotlight

1. When installing the spotlights, pay attention to the guidance slot. The guide of the adapter (on the spotlight) must fit exactly into the guidance slot.
2. When the spotlight is fitting correctly in the track, it can be adjusted and fixed with the locking lever.
3. Now the desired phase can be set on the rotary switch of the adapter.

Removing the spotlight

The 3-phase track spotlight can be placed quick, easy and without tools at another position on the 3-phase track.

4. The phase rotary switch on the adapter is set to position 0.
5. Now loosen the locking lever of the power track spotlight.
6. Carefully tilt the spotlight so that the locking lever moves away from the track.
7. This releases the brackets in the track and the spotlight can be conveniently removed.



3-PHASE HV RAIL SYSTEM

3-Phase HV rail system



Focusable 20 ° -55 °



Now also dimmable!



Adapter for GU10 spots



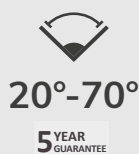
Mini ø55mm / ø60mm

NEW

OVERVIEW



PAGE 39



FOCUSABLE COMPATIBLE WITH ERCO[®] AND EUTRAC[®]

W FULL SPECTRUM CRI98	B FULL SPECTRUM CRI98
4.000 K 114898	4.000 K 114921
CRI92	CRI92
4.000 K 114896	4.000 K 114923
3.500 K 114974	3.500 K 114975
3.000 K 114897	3.000 K 114922
W PAGE 41	B PAGE 41
BREAD 114978	BREAD 114982
FRUIT 114979	FRUIT 114983
FRESH MEAT 114976	FRESH MEAT 114980
MEAT 114977	MEAT 114981

Also
available
as **FULL
SPECTRUM
CRI98!**



PAGE 37

CRI90 COMPATIBLE WITH ERCO[®] AND EUTRAC[®]



W 4.000 K 115130	W 4.000 K 115132
B 4.000 K 115131	B 4.000 K 115133



FOCUSABLE COMPATIBLE WITH ERCO[®] AND EUTRAC[®]



W CRI92 PAGE 36	W DIMMABLE PAGE 35	W PAGE 43
4.000 K 114128	4.000 K 113967	BREAD 112739
3.500 K 114130	3.000 K 113968	FRUIT 112740
3.000 K 114129	B DIMMABLE PAGE 35	FRESH MEAT 112742
B CRI92 PAGE 36	4.000 K 113969	MEAT 112741
4.000 K 114131	3.000 K 113970	
3.500 K 114133	3 YEAR GUARANTEE	5 YEAR GUARANTEE
3.000 K 114132		

FOCUSABLE DALI

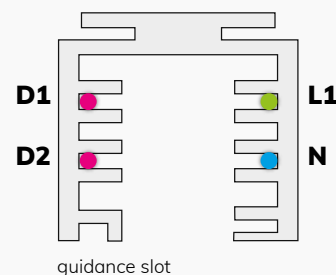
COMPATIBLE WITH
ERCO[®] AND EUTRAC[®]

PAGE 38

5 YEAR GUARANTEE

W DALI-DIMMABLE
4.000 K 115126
3.000 K 115127

B DALI-DIMMABLE
4.000 K 115128
3.000 K 115129



FOCUSABLE COMPATIBLE WITH ERCO® AND EUTRAC®



W	4.000 K	114990
	4.000 K	115679
	3.000 K	114991
	3.000 K	115680
B	4.000 K	114992
	4.000 K	115678
	3.000 K	114993
	3.000 K	115589



W	4.000 K	114994
	4.000 K	115682
	3.000 K	114995
	3.000 K	115683
B	4.000 K	114996
	4.000 K	115681
	3.000 K	114997
	3.000 K	115590



60° COMPATIBLE WITH ERCO® AND EUTRAC®

W	4.000 K	113008
	3.500 K	113897
	3.000 K	113004
B	4.000 K	113010
	3.000 K	113006

3-PH LINEAR LAMP COMPATIBLE WITH ERCO® AND EUTRAC®

3 YEAR
GUARANTEE



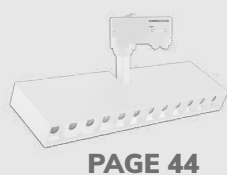
W	4.000 K	113032
	3.000 K	113021
B	4.000 K	113033
	3.000 K	113031



W	4.000 K	114647
	3.000 K	114646
B	4.000 K	114649
	3.000 K	114648

GRID

COMPATIBLE WITH ERCO® AND EUTRAC®



W	4.000 K	114093
	3.000 K	114092
B	4.000 K	114095
	3.000 K	114094

ADAPTER FOR GU10 SPOTS

COMPATIBLE WITH ERCO® AND EUTRAC®



W	113046
	115504
B	113045
	115505

Focusable 20° - 55°

114991 | 3-PH track light focusable, 8W, 20°-55°, white matt, 3000K



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
7,7 W
675lm
3000K
90

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 143mm Dia.: 50mm



115680 | 3-PH track spotlight focusable, 8W, 20°-55°, white matt, 3000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

200-240V AC
8,5 W
600lm
3000K
90

protection class
ambient temp.
service life

IP20
-20° - 40°C
40000 h L70|B10



Length: 135mm Dia.: 50mm



114990 | 3-PH track light focusable, 8W, 20°-55°, white matt, 4000K

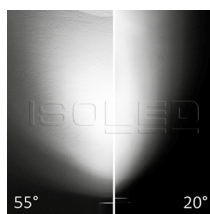


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
7,7 W
740lm
4000K
90

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 143mm Dia.: 50mm



115679 | 3-PH track spotlight focusable, 8W, 20°-55°, white matt, 4000K, dimmable

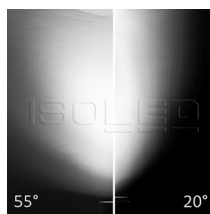


nominal power
active power
lighting current
color temp.
CRI

200-240V AC
8,5 W
640lm
4000K
90

protection class
ambient temp.
service life

IP20
-20° - 40°C
40000 h L70|B10



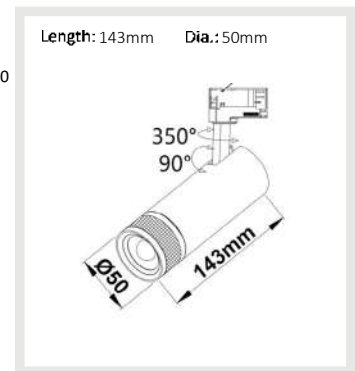
Length: 135mm Dia.: 50mm



114993 | 3-PH track light focusable, 8W, 20°-55°, black matt, 3000K



nominal power	220-240V AC	protection class	IP20
active power	7,7 W	ambient temp.	-20° - 40°
lighting current	675lm	service life	40000 h L70 B10
color temp.	3000K		
CRI	90		



115589 | 3-PH track spotlight focusable, 8W, 20°-55°, black matt, 3000K, dimmable



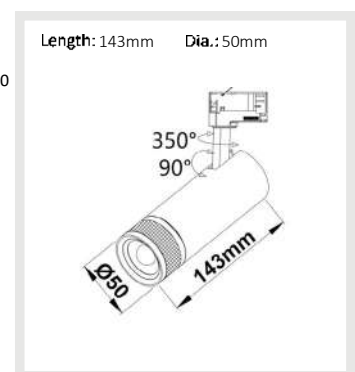
nominal power	200-240V AC	protection class	IP20
active power	8,5 W	ambient temp.	-20° - 40°C
lighting current	600lm	service life	40000 h L70 B10
color temp.	3000K		
CRI	90		



114992 | 3-PH track light focusable, 8W, 20°-55°, black matt, 4000K



nominal power	220-240V AC	protection class	IP20
active power	7,7 W	ambient temp.	-20° - 40°
lighting current	740lm	service life	40000 h L70 B10
color temp.	4000K		
CRI	90		



115678 | 3-PH track spotlight focusable, 8W, 20°-55°, black matt, 4000K, dimmable



nominal power	200-240V AC	protection class	IP20
active power	8,5 W	ambient temp.	-20° - 40°C
lighting current	640lm	service life	40000 h L70 B10
color temp.	4000K		
CRI	90		



114995 | 3-PH track light focusable, 24W, 20°-55°, white matt, 3000K


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
23,8 W
2250lm
3000K
90

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 185mm Dia.: 72mm


115683 | 3-PH track spotlight focusable, 24W, 20°-55°, white matt, 3000K, dimmable


nominal power
active power
lighting current
color temp.
CRI

200-240V AC
24,8 W
1900lm
3000K
90

protection class
ambient temp.
service life

IP20
-20° - 40°C
40000 h L70|B10



Length: 175mm Dia.: 72mm

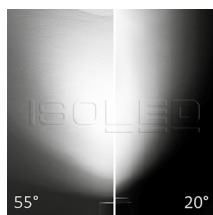

114994 | 3-PH track light focusable, 24W, 20°-55°, white matt, 4000K


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
23,8 W
2400lm
4000K
90

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 185mm Dia.: 72mm

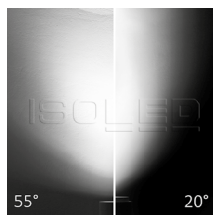

115682 | 3-PH track spotlight focusable, 24W, 20°-55°, white matt, 4000K, dimmable


nominal power
active power
lighting current
color temp.
CRI

200-240V AC
24,8 W
2050lm
4000K
90

protection class
ambient temp.
service life

IP20
-20° - 40°C
40000 h L70|B10



Length: 175mm Dia.: 72mm



114997 | 3-PH track light focusable, 24W, 20°-55°, black matt, 3000K



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
23,8 W
2250lm
3000K
90

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



115590 | 3-PH track spotlight focusable, 24W, 20°-55°, black matt, 3000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

200-240V AC
24,8 W
1900lm
3000K
90

protection class
ambient temp.
service life

IP20
-20° - 40°C
40000 h L70|B10



114996 | 3-PH track light focusable, 24W, 20°-55°, black matt, 4000K

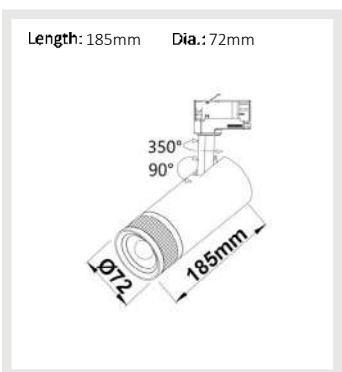


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
23,8 W
2400lm
4000K
90

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



115681 | 3-PH track spotlight focusable, 24W, 20°-55°, black matt, 4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

200-240V AC
24,8 W
2050lm
4000K
90

protection class
ambient temp.
service life

IP20
-20° - 40°C
40000 h L70|B10



60°

113004 | 3-PH track light, 28W, 60°, white matt, 3000K



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
29 W
2800lm
3000K
92

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



113004	60°	2800lm
1 m	3.326 lx	Ø 1,2 m
2 m	832 lx	Ø 2,3 m
3 m	370 lx	Ø 3,5 m

Length: 181mm Dia.: 91mm



113897

3-PH track light, 28W, 60°, white matt, 3500K



113008

3-PH track light, 28W, 60°, white matt, 4000K

113006 | 3-PH track light, 28W, 60°, black, 3000K



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
29 W
2800lm
3000K
92

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



113006	60°	2800lm
1 m	3.326 lx	Ø 1,2 m
2 m	832 lx	Ø 2,3 m
3 m	370 lx	Ø 3,5 m

Length: 181mm Dia.: 91mm



113010 | 3-PH track light, 28W, 60°, black, 4000K



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
29 W
3000lm
4000K
90

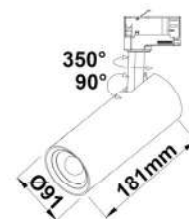
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



113010	60°	3000lm
2 m	891 lx	Ø 2,3 m
4 m	223 lx	Ø 4,6 m
8 m	56 lx	Ø 9,2 m

Length: 181mm Dia.: 91mm



Focusable 30°-50° | dimmable

113968 | 3-PH track light focussable, 30W, 30°-50°, white matt, 3000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
27,3 W
2700lm
3000K
92

protection class
ambient temp.
service life

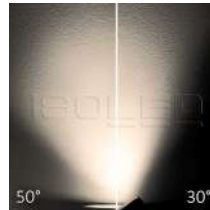
IP20
-20° - 40°
40000 h L70|B10

A+ E

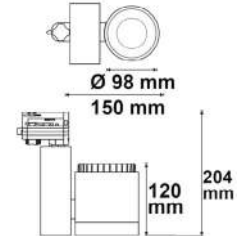
3 YEAR GUARANTEE



ISOLED



Length: 204mm Dia.: 98mm
Width: 150mm



113967 | 3-PH track light focussable, 30W, 30°-50°, white matt, 4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

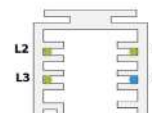
220-240V AC
27,3 W
3000lm
4000K
92

protection class
ambient temp.
service life

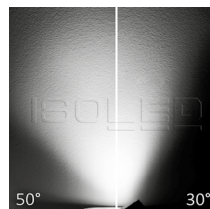
IP20
-20° - 40°
40000 h L70|B10

A+ E

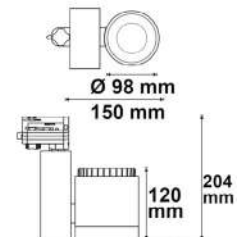
3 YEAR GUARANTEE



ISOLED



Length: 204mm Dia.: 98mm
Width: 150mm



113970 | 3-PH track light focussable, 30W, 30°-50°, black matt, 3000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
27,2 W
2700lm
3000K
92

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10

A+ E

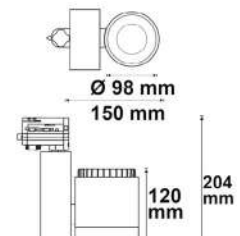
3 YEAR GUARANTEE



ISOLED



Length: 204mm Dia.: 98mm
Width: 150mm



113969 | 3-PH track light focussable, 30W, 30°-50°, black matt, 4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

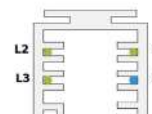
220-240V AC
27,3 W
3000lm
4000K
92

protection class
ambient temp.
service life

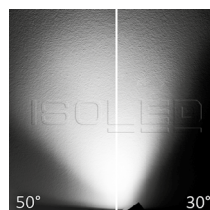
IP20
-20° - 40°
40000 h L70|B10

A+ E

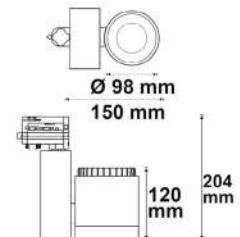
3 YEAR GUARANTEE



ISOLED



Length: 204mm Dia.: 98mm
Width: 150mm



Focussable 30°-50° | CRI92

114129 | 3-PH track light focussable, 35W, 30°-50°, white matt, 3000K, CRI92

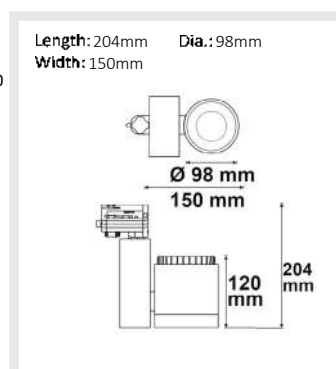


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
38,9 W
4100lm
3000K
92

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



114130

3-PH track light focussable, 35W, 30°-50°, white matt, 3500K, CRI92



114128

3-PH track light focussable, 35W, 30°-50°, white matt, 4000K, CRI92

114132 | 3-PH track light focussable, 35W, 30°-50°, black matt, 3000K, CRI92

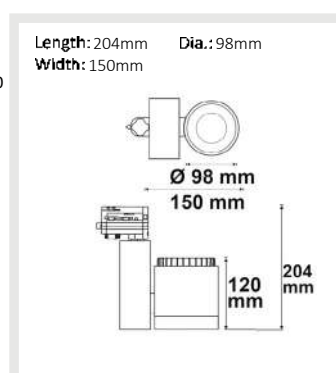


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
38,9 W
4100lm
3000K
92

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



114133

3-PH track light focussable, 35W, 30°-50°, black matt, 3500K, CRI92



114131

3-PH track light focussable, 35W, 30°-50°, black matt, 4000K, CRI92

CRI90 | 38°/60°

115130 | 3-PH track light, 35W, 38°, white matt, 4000K, CRI90



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
35,5 W
3500lm
4000K
90

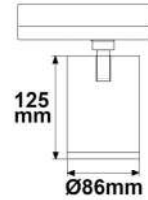
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



115130	38°	3500lm
2 m	2.556 lx	Ø 1,4 m
4 m	639 lx	Ø 2,8 m
8 m	160 lx	Ø 5,5 m

Length: 125mm Dia.: 86mm



115132 | 3-PH track light, 35W, 60°, white matt, 4000K, CRI90



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
35,5 W
3500lm
4000K
90

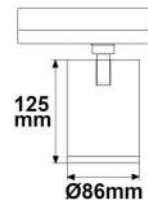
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



115132	60°	3500lm
2 m	1.040 lx	Ø 2,3 m
4 m	260 lx	Ø 4,6 m
8 m	65 lx	Ø 9,2 m

Length: 125mm Dia.: 86mm



115131 | 3-PH track light, 35W, 38°, black matt, 4000K, CRI90



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
35,5 W
3500lm
4000K
90

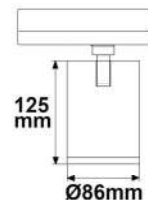
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



115131	38°	3500lm
2 m	2.556 lx	Ø 1,4 m
4 m	639 lx	Ø 2,8 m
8 m	160 lx	Ø 5,5 m

Length: 125mm Dia.: 86mm



115133 | 3-PH track light, 35W, 60°, black matt, 4000K, CRI90



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
35,5 W
3500lm
4000K
90

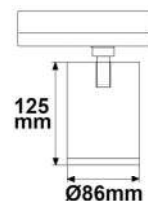
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



115133	60°	3500lm
2 m	1.040 lx	Ø 2,3 m
4 m	260 lx	Ø 4,6 m
8 m	65 lx	Ø 9,2 m

Length: 125mm Dia.: 86mm



Focusable 30°-50° | DALI-dimmable

115127 | 3-PH track light focusable, 36W, 30°-50°, white matt, 3000K, CRI92, DALI dimmable

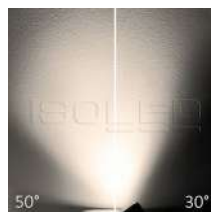
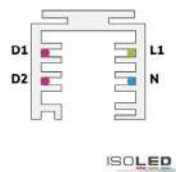


nominal power
active power
lighting current
color temp.
CRI

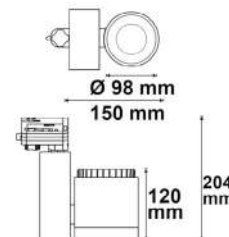
220-240V AC
36 W
3500lm
3000K
92

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 204mm
width: 150mm



115126 | 3-PH track light focusable, 36W, 30°-50°, white matt, 4000K, CRI92, DALI dimmable

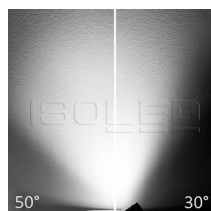
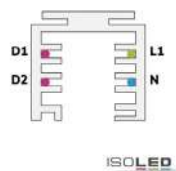


nominal power
active power
lighting current
color temp.
CRI

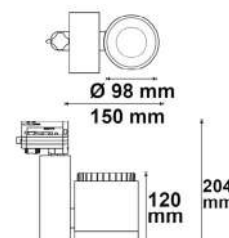
220-240V AC
36 W
3500lm
4000K
92

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 204mm
width: 150mm



115129 | 3-PH track light focusable, 36W, 30°-50°, black matt, 3000K, CRI92, DALI dimmable

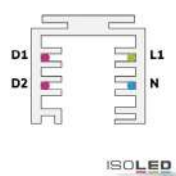


nominal power
active power
lighting current
color temp.
CRI

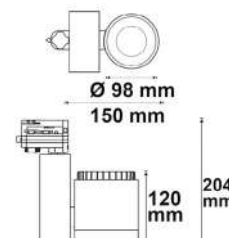
220-240V AC
36 W
3500lm
3000K
92

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 204mm
width: 150mm



115128 | 3-PH track light focusable, 36W, 30°-50°, black matt, 4000K, CRI92, DALI dimmable

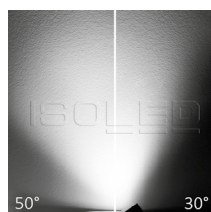
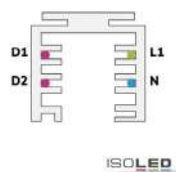


nominal power
active power
lighting current
color temp.
CRI

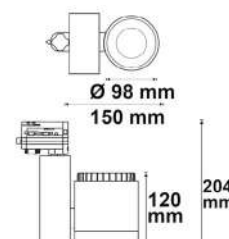
220-240V AC
36 W
3500lm
4000K
92

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 204mm
width: 150mm



Focusable 20°-70°

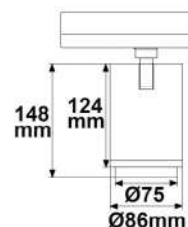
114898 | 3-PH track light full spectrum focussable, 42W, 20°-70°, white matt, 4000K



nominal power	220-240V AC	protection class	IP20
active power	42 W	ambient temp.	-20° - 40°
lighting current	4000lm	service life	40000 h L70 B10
color temp.	4000K		
CRI	98		



Length: 196mm Dia.: 86mm



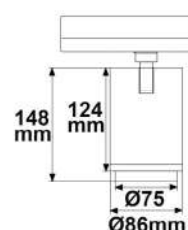
114897 | 3-PH track light focussable, 42W, 20°-70°, white matt, 3000K, CRI92



nominal power	220-240V AC	protection class	IP20
active power	41,5 W	ambient temp.	-20° - 40°
lighting current	4450lm	service life	40000 h L70 B10
color temp.	3000K		
CRI	92		



Length: 196mm Dia.: 86mm



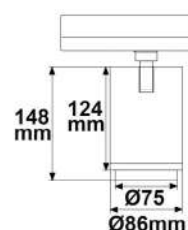
114974 | 3-PH track light focussable, 42W, 20°-70°, white matt, 3500K, CRI92



nominal power	220-240V AC	protection class	IP20
active power	41,9 W	ambient temp.	-20° - 40°
lighting current	4200lm	service life	40000 h L70 B10
color temp.	3500K		
CRI	92		



Length: 196mm Dia.: 86mm



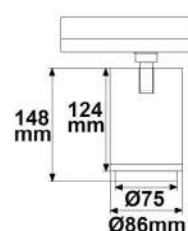
114896 | 3-PH track light focussable, 42W, 20°-70°, white matt, 4000K, CRI92



nominal power	220-240V AC	protection class	IP20
active power	41,5 W	ambient temp.	-20° - 40°
lighting current	4650lm	service life	40000 h L70 B10
color temp.	4000K		
CRI	92		



Length: 196mm Dia.: 86mm



114921 | 3-PH track light full spectrum focussable, 42W, 20°-70°, black matt, 4000K


nominal power
active power
lighting current
color temp.
CRI

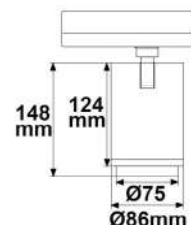
220-240V AC
42 W
3800lm
4000K
98

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 196mm Dia.: 86mm


114922 | 3-PH track light focussable, 42W, 20°-70°, black matt, 3000K, CRI92


nominal power
active power
lighting current
color temp.
CRI

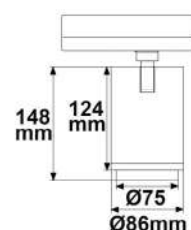
220-240V AC
41,5 W
4300lm
3000K
92

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 196mm Dia.: 86mm


114975 | 3-PH track light focusable, 42W, 20°-70°, black matt, 3500K, CRI92


nominal power
active power
lighting current
color temp.
CRI

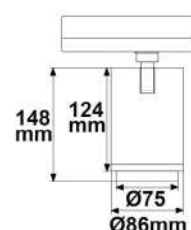
220-240V AC
41,9 W
4200lm
3500K
92

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 196mm Dia.: 86mm


114923 | 3-PH track light focussable, 42W, 20°-70°, black matt, 4000K, CRI92


nominal power
active power
lighting current
color temp.
CRI

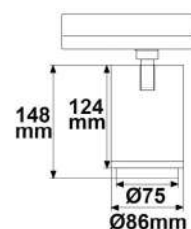
220-240V AC
41,5 W
4500lm
4000K
92

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 196mm Dia.: 86mm



Focusable 20°-70° | FOOD

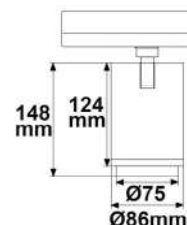
114977 | 3-PH track light focusable, 34W, 20°-70°, white matt, Meat 1900K



nominal power	220-240V AC	protection class	IP20
active power	33,7 W	ambient temp.	-20° - 40°
lighting current	2400lm	service life	40000 h L70 B10
color temp.	1900K		
CRI	70		



Length: 196mm Dia.: 86mm



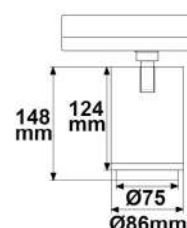
114976 | 3-PH track light focusable, 34W, 20°-70°, white matt, Fresh Meat 3200K



nominal power	220-240V AC	protection class	IP20
active power	33,7 W	ambient temp.	-20° - 40°
lighting current	2400lm	service life	40000 h L70 B10
color temp.	3200K		
CRI	65		



Length: 196mm Dia.: 86mm



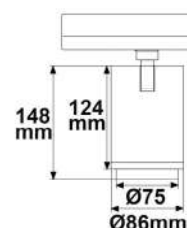
114978 | 3-PH track light focusable, 34W, 20°-70°, white matt, Bread 2700K



nominal power	220-240V AC	protection class	IP20
active power	33,7 W	ambient temp.	-20° - 40°
lighting current	2900lm	service life	40000 h L70 B10
color temp.	2700K		
CRI	92		



Length: 196mm Dia.: 86mm



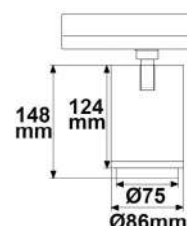
114979 | 3-PH track light focusable, 34W, 20°-70°, white matt, Fruit 3000K



nominal power	220-240V AC	protection class	IP20
active power	35,8 W	ambient temp.	-20° - 40°
lighting current	2750lm	service life	40000 h L70 B10
color temp.	3000K		
CRI	92		



Length: 196mm Dia.: 86mm

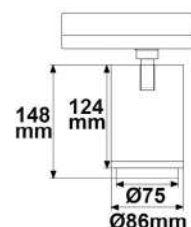


114981 | 3-PH track light focusable, 34W, 20°-70°, black matt, Meat 1900K


nominal power	220-240V AC	protection class	IP20
active power	33,7 W	ambient temp.	-20° - 40°
lighting current	2400lm	service life	40000 h L70 B10
color temp.	1900K		
CRI	70		



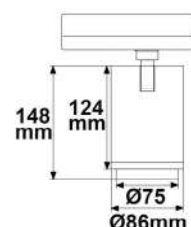
Length: 196mm Dia.: 86mm


114980 | 3-PH track light focusable, 34W, 20°-70°, black matt, Fresh Meat 3200K


nominal power	220-240V AC	protection class	IP20
active power	33,7 W	ambient temp.	-20° - 40°
lighting current	2400lm	service life	40000 h L70 B10
color temp.	3200K		
CRI	65		



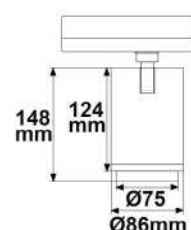
Length: 196mm Dia.: 86mm


114982 | 3-PH track light focusable, 34W, 20°-70°, black matt, Bread 2700K


nominal power	220-240V AC	protection class	IP20
active power	33,7 W	ambient temp.	-20° - 40°
lighting current	2900lm	service life	40000 h L70 B10
color temp.	2700K		
CRI	92		



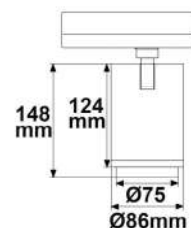
Length: 196mm Dia.: 86mm


114983 | 3-PH track light focusable, 34W, 20°-70°, black matt, Fruit 3000K


nominal power	220-240V AC	protection class	IP20
active power	35,8 W	ambient temp.	-20° - 40°
lighting current	2750lm	service life	40000 h L70 B10
color temp.	3000K		
CRI	92		



Length: 196mm Dia.: 86mm



Focusable 30°-50° | FOOD

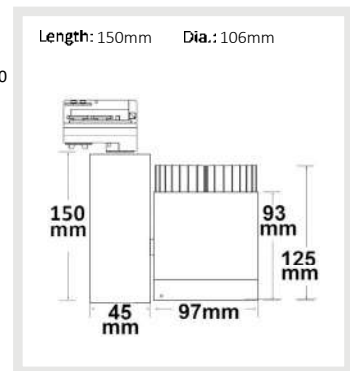
112741 | 3-PH track light Meat light, 40W, 30°-50°, white matt



nominal power 220-240V AC
active power 39 W
lighting current 1234lm
color temp. 1900K
CRI 85

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



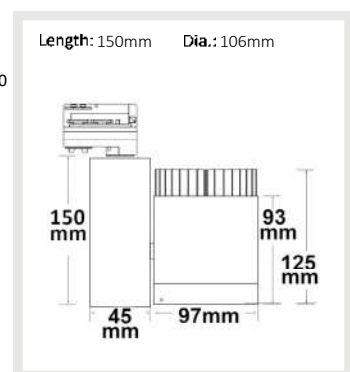
112742 | 3-PH track light Fresh Meat light, 40W, 30°-50°, white matt



nominal power 220-240V AC
active power 40,5 W
lighting current 1573lm
color temp. 3200K
CRI 85

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



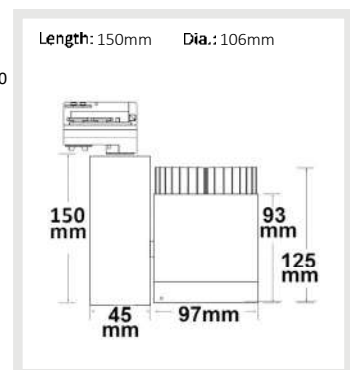
112739 | 3-PH track light Bread light, 40W, 30°-50°, white matt



nominal power 220-240V AC
active power 40,5 W
lighting current 3000lm
color temp. 2760K
CRI 92

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



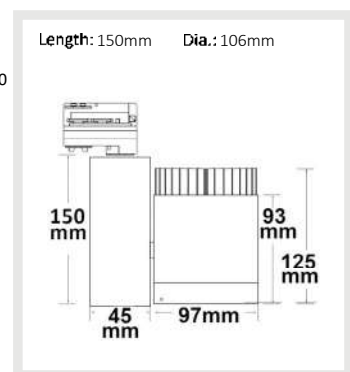
112740 | 3-PH track light Fruit light, 40W, 30°-50°, white matt



nominal power 220-240V AC
active power 40,5 W
lighting current 2953lm
color temp. 3100K
CRI 92

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Grid

114092 | 3-PH grid track light, 35W, 45°, white matt, 3000K



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
33,2 W
2550lm
3000K
90

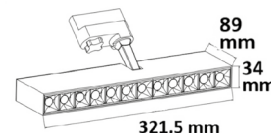
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Distance	Beam Angle	Lighting Current	Beam Diameter
1 m	45°	5.332 lx	Ø 0,8 m
2 m	45°	1.333 lx	Ø 1,7 m
3 m	45°	592 lx	Ø 2,5 m

Length: 321mm
Width: 89mm
Height: 34mm



114093 | 3-PH grid track light, 35W, 45°, white matt, 4000K



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
33,2 W
2750lm
4000K
90

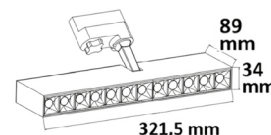
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Distance	Beam Angle	Lighting Current	Beam Diameter
1 m	45°	5.750 lx	Ø 0,8 m
2 m	45°	1.438 lx	Ø 1,7 m
3 m	45°	639 lx	Ø 2,5 m

Length: 321mm
Width: 89mm
Height: 34mm



114094 | 3-PH grid track light, 35W, 45°, black matt, 3000K



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
33,2 W
2550lm
3000K
90

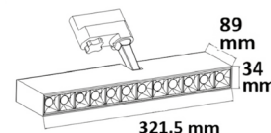
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Distance	Beam Angle	Lighting Current	Beam Diameter
1 m	45°	5.332 lx	Ø 0,8 m
2 m	45°	1.333 lx	Ø 1,7 m
3 m	45°	592 lx	Ø 2,5 m

Length: 321mm
Width: 89mm
Height: 34mm



114095 | 3-PH grid track light, 35W, 45°, black matt, 4000K



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
33,2 W
3000lm
4000K
90

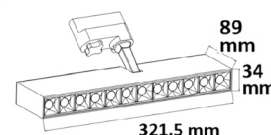
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Distance	Beam Angle	Lighting Current	Beam Diameter
2 m	45°	1.568 lx	Ø 1,7 m
4 m	45°	392 lx	Ø 3,3 m
8 m	45°	98 lx	Ø 6,6 m

Length: 321mm
Width: 89mm
Height: 34mm



Linear lamp 60cm

113021 | 3-PH linear light 600mm, 20W, 110°, white, 3000K

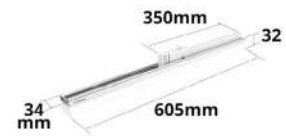
   	nominal power	220-240V AC	protection class	IP20
	active power	20 W	ambient temp.	-20° - 40°
	lighting current	2200lm	service life	40000 h L70 B10
	color temp.	3000K		
	CRI	90		




113021 **110°** **2200lm**

1 m	821 lx	Ø 2,9 m
2 m	205 lx	Ø 5,7 m
3 m	91 lx	Ø 8,6 m

Length: 605mm
Width: 32mm
Height: 59mm



113032 | 3-PH linear light 600mm, 20W, 110°, white, 4000K

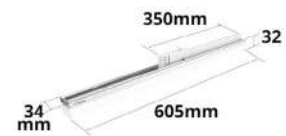
   	nominal power	220-240V AC	protection class	IP20
	active power	20 W	ambient temp.	-20° - 40°
	lighting current	2400lm	service life	40000 h L70 B10
	color temp.	4000K		
	CRI	90		




113032 **110°** **2400lm**

1 m	896 lx	Ø 2,9 m
2 m	224 lx	Ø 5,7 m
3 m	100 lx	Ø 8,6 m

Length: 605mm
Width: 32mm
Height: 59mm



113031 | 3-PH linear light 600mm, 20W, 110°, black, 3000K

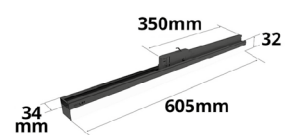
   	nominal power	220-240V AC	protection class	IP20
	active power	20 W	ambient temp.	-20° - 40°
	lighting current	2200lm	service life	40000 h L70 B10
	color temp.	3000K		
	CRI	90		




113031 **110°** **2200lm**

1 m	821 lx	Ø 2,9 m
2 m	205 lx	Ø 5,7 m
3 m	91 lx	Ø 8,6 m

Length: 605mm
Width: 32mm
Height: 59mm



113033 | 3-PH linear light 600mm, 20W, 110°, black, 4000K

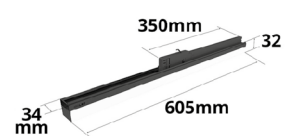
   	nominal power	220-240V AC	protection class	IP20
	active power	20 W	ambient temp.	-20° - 40°
	lighting current	2400lm	service life	40000 h L70 B10
	color temp.	4000K		
	CRI	90		




113033 **110°** **2400lm**

1 m	896 lx	Ø 2,9 m
2 m	224 lx	Ø 5,7 m
3 m	100 lx	Ø 8,6 m

Length: 605mm
Width: 32mm
Height: 59mm



Linear lamp 120cm

114646 | 3-PH linear track light 1200mm, 40W, 110°, white, 3000K



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
39,6 W
4200lm
3000K
95

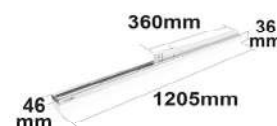
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



114646	110°	4200lm
2 m	392 lx	Ø 5,7 m
4 m	98 lx	Ø 11,4 m
8 m	25 lx	Ø 22,9 m

Length: 1205mm
Width: 36mm
Height: 59mm



114647 | 3-PH linear track light 1200mm, 40W, 110°, white, 4000K



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
39,2 W
4500lm
4000K
95

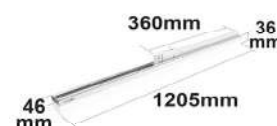
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



114647	110°	4500lm
2 m	420 lx	Ø 5,7 m
4 m	105 lx	Ø 11,4 m
8 m	26 lx	Ø 22,9 m

Length: 1205mm
Width: 36mm
Height: 59mm



114648 | 3-PH linear track light 1200mm, 40W, 110°, black, 3000K



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
39,6 W
4200lm
3000K
95

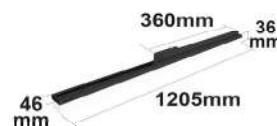
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



114648	110°	4200lm
2 m	392 lx	Ø 5,7 m
4 m	98 lx	Ø 11,4 m
8 m	25 lx	Ø 22,9 m

Length: 1200mm
Width: 36mm
Height: 59mm



114649 | 3-PH linear track light 1200mm, 40W, 110°, black, 4000K



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
39,2 W
4500lm
4000K
95

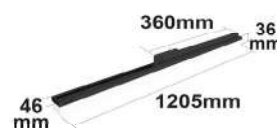
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



114649	110°	4500lm
2 m	420 lx	Ø 5,7 m
4 m	105 lx	Ø 11,4 m
8 m	26 lx	Ø 22,9 m

Length: 1200mm
Width: 36mm
Height: 59mm



Adapter for GU10 spots

115504 | 3-PH track adapter Mini for GU10 spots, white



nominal power

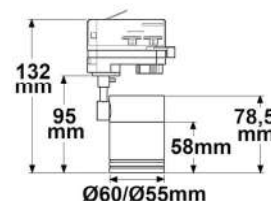
110-230V AC

protection class
ambient temp.
lamp excluded

IP20
0° - 40°C



Length: 79mm Dia.: 60mm



115505 | 3-PH track adapter Mini for GU10 spots, black



nominal power

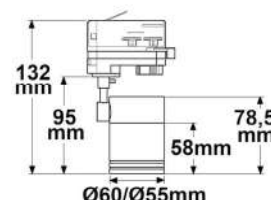
110-230V AC

protection class
ambient temp.
lamp excluded

IP20
0° - 40°C



Length: 79mm Dia.: 60mm



113046 | 3-PH adapter for GU10 spots, white



nominal power

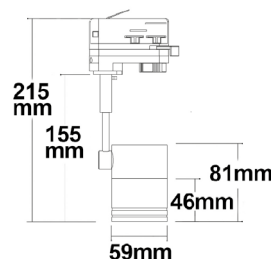
110-230V AC

protection class
ambient temp.
lamp excluded

IP20
0° - 40°C



Length: 215mm Dia.: 59mm



113045 | 3-PH adapter for GU10 spots, black



nominal power

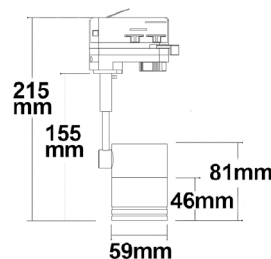
110-230V AC

protection class
ambient temp.
lamp excluded

IP20
0° - 40°C



Length: 215mm Dia.: 59mm



Adapter for pendant luminaires

CAN BE COMBINED WITH 3-PH TRACK LIGHTS

With the UNIVERSAL adapter you can integrate all pendant luminaires into your 3-PH track system - for even more design variety!



ADAPTER
UNIVERSAL

W 107601

B 127601



All pendant luminaires can be found on page 190

Surface mounted monotrack adapter

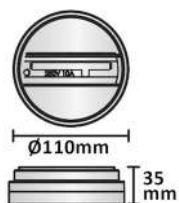


113577 | Monotrack-surface mounted adapter for track light, white, 1-phase



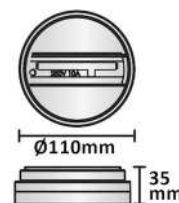
ISOLED

Height: 35mm Dia.: 110mm



ISOLED

Height: 35mm Dia.: 110mm



113578 | Monotrack-surface mounted adapter for track light, black, 1-phase

3-PHASE RAIL SYSTEM

3-PHASE Rail

Accessories S1 Series

NEW

MOUNTING RAIL

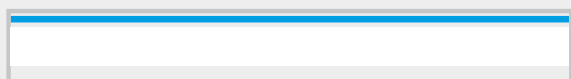


Compatible
with the follo-
wing manufac-
turers:

Manufacturer 3-PH conductor rail	Manufacturer adapter/spotlights										
	Global Trac	Erco	Eutrac		iGuzzini	Hoff- meister	Lumiance	Nordic Aluminium	Zumtobel		
			Ring adapter	Multi adapter	Universal	Universal	Track point	Multi	Standard	Adapter 2.000	Z/S Universal
ISOLED® Classic serie	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ISOLED® S1 serie	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

S1 SERIE SURFACE-MOUNTING

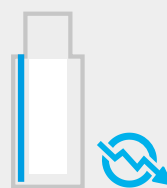
CONDUCTOR RAIL NEUTRAL CONDUCTOR



2 METER ☐ 114328 ☐ 114327

3 METER ☐ 114549 ☐ 114548

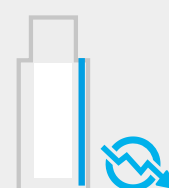
INFEEDES



INFEEDE
LEFT

☐ 114326

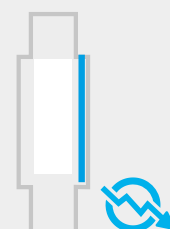
☐ 114325



INFEEDE
RIGHT

☐ 114324

☐ 114323



INFEEDE
CENTER

☐ 114541

☐ 114540

CONNECTOR NEUTRAL CONDUCTOR



LINEAR CONNECTOR
LIVE

☐ 114318

☐ 114317



L-CONNECTOR
OUTSIDE

☐ 114320

☐ 114319



L-CONNECTOR
INSIDE

☐ 114322

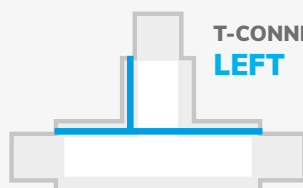
☐ 114321



T-CONNECTOR
RIGHT

☐ 114330

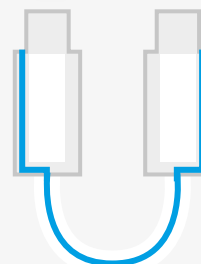
☐ 114329



T-CONNECTOR
LEFT

☐ 114332

☐ 114331



CONNECTOR
FLEX

☐ 114316

☐ 114315

ACCESSORIES



END CAP

☐ 114314

☐ 114313



HANGING CLIP

☐ 114333

☐ 114334



SUSPENSION ACCESSORY 50 -
mm

☐ 114336

☐ 114335



SUSPENSION ACCESSORY 10 -
200 mm | Ceiling canopy

☐ 114338

☐ 114337



ADAPTER protective contact plug

☐ 113579

☐ 114034



ADAPTER
MECHANICAL

☐ 107625

☐ 127625



ADAPTER
UNIVERSAL

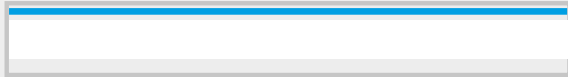
☐ 107601

☐ 127601

S1 SERIE RECESS-MOUNTING

NEW

CONDUCTOR RAIL NEUTRAL CONDUCTOR



2 METER



115792



115793

CONNECTOR NEUTRAL CONDUCTOR



LINEAR CONNECTOR

LIVE



114318



114317

ACCESSORIES



MOUNTING CLAMP



115794



HANGING CLIP



114333



114334



SUSPENSION ACCESSORY

10 - 200 mm



114336



114335



SUSPENSION ACCESSORY

10 - 200 mm | Ceiling canopy



114338



114337



ADAPTER

protective contact plug



113579



114034



ADAPTER

MECHANICAL



107625



127625



ADAPTER

UNIVERSAL



107601

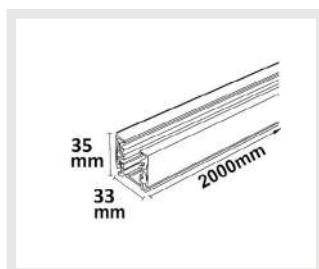


127601


114327 | 3-PH S1 conductor rail, 2m, black

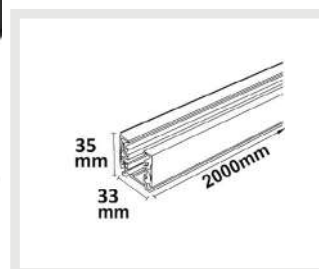
 Length: 2m
 Width: 33mm
 Height: 35mm

ISOLED


114548 | 3-PH S1 conductor rail, 3m, black

 Length: 3m
 Width: 33mm
 Height: 35mm

ISOLED


114337
 3-PH S1 cable suspension 10-200cm black

ISOLED


114335
 3-phase S1 cable suspension with slide clamp, 10-200cm black

ISOLED


114334
 3-PH S1 hanging clip, black

ISOLED


114313
 3-PH S1 end cap, black

ISOLED


114317
 3-PH S1 linear connector current-carrying, black

ISOLED


114325
 3-PH S1 side infeed N-conductor left, protective conductor right, black

ISOLED


114323
 3-PH S1 side infeed N-conductor right, protective conductor left, black

ISOLED


114540
 3-PH S1 medium feed-in, black

ISOLED


114321
 3-PH S1 L-connector N-conductor interior, protective conductor exterior, black

ISOLED


114319
 3-PH S1 L-connector N-conductor exterior, protective conductor interior, black

ISOLED


114329
 3-PH S1 T-connector N-conductor left, protective conductor right, black

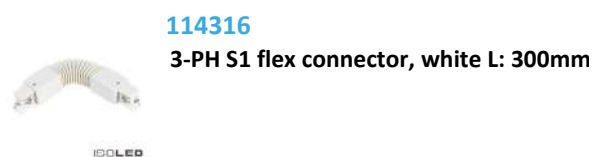
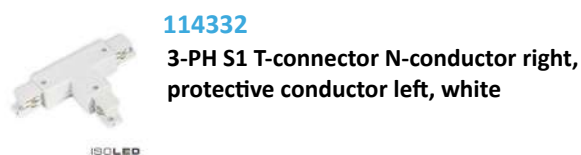
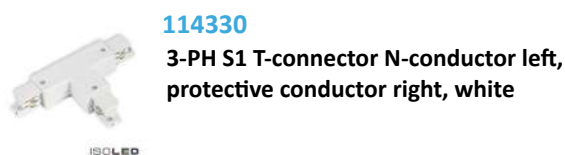
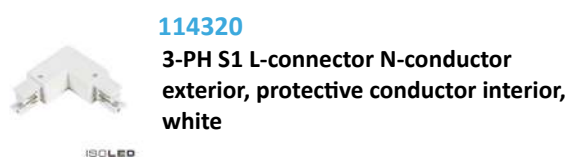
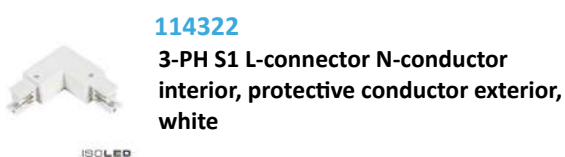
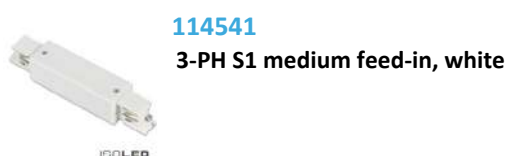
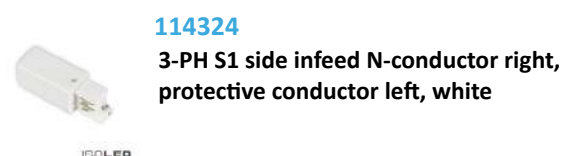
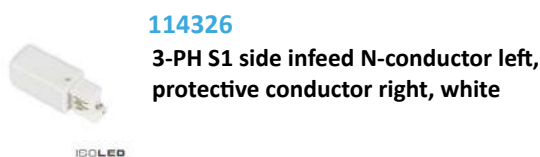
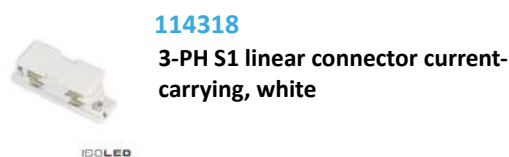
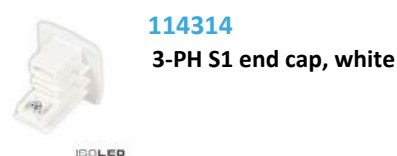
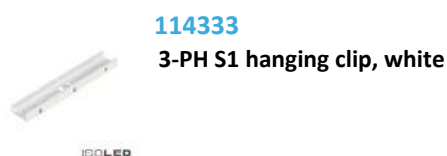
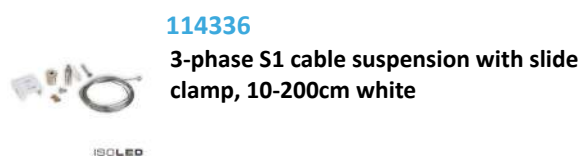
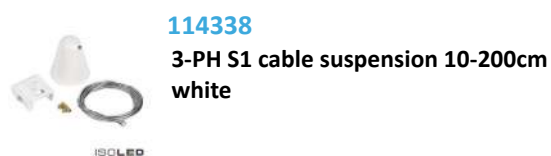
ISOLED


114331
 3-PH S1 T-connector N-conductor right, protective conductor left, black

ISOLED


114315
 3-PH S1 flex connector, black L: 300mm

ISOLED



**115792 | 3-phase S1
recessed conductor rail, 2m,
white**

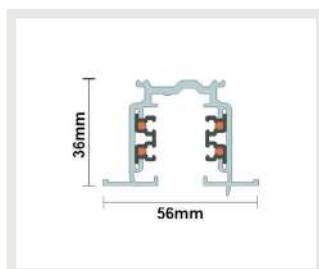


ISOLED

Length: 2m
Width: 56mm
Height: 36mm

rec. depth: 34mm

NEW



**115793 | 3-phase S1
recessed conductor rail, 2m,
black**

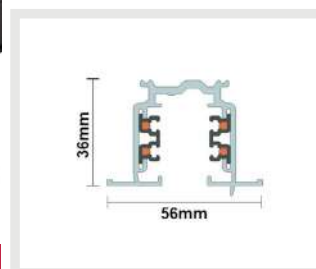


ISOLED

Length: 2m
Width: 56mm
Height: 36mm

rec. depth: 34mm

NEW

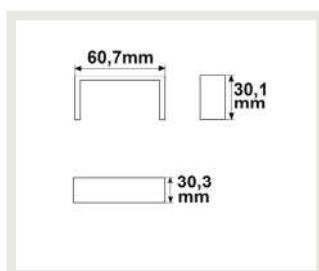


**115794 | 3-phase S1
mounting clip**



ISOLED

Length: 30,3mm
Width: 60,7mm
Height: 30,1mm



3-PHASE RAIL SYSTEM

3-PHASES

Rail Accessories Classic



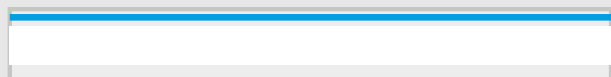
Compatible
with the follo-
wing manufac-
turers:

Manufacturer 3-PH conductor rail	Manufacturer adapter/spotlights										
	Global Trac	Erco	Eutrac		iGuzzini	Hoff- meister	Lumiance	Nordic Aluminium	Zumtobel		
			Ring adapter	Multi adapter	Universal	Universal	Track point	Multi	Standard	Adapter 2.000	Z/S Uni- versal
ISOLED® Classic serie	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ISOLED® S1 serie	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

OVERVIEW - CLASSIC SERIE

CONDUCTOR RAIL RECESSED-MOUNTING

NEUTRAL CONDUCTOR



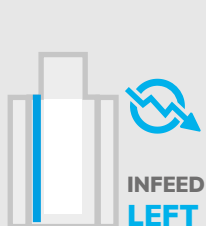
2 METER

● 107512

● 127512

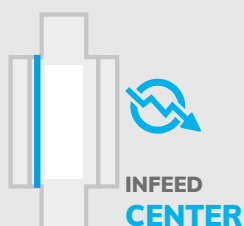


INFEEDS INSTALLATION

INFEED
LEFT

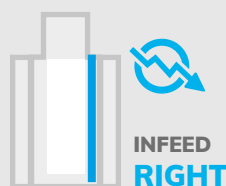
● 1076622

● 1276622

INFEED
CENTER

● 107663

● 127663

INFEED
RIGHT

● 1076621

● 1276621

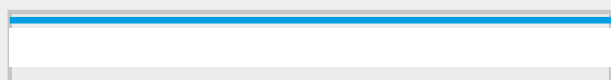


SUSPENSION CLIP

FOR CEILINGS 117664

CONDUCTOR RAIL SURFACE-MOUNTING

NEUTRAL CONDUCTOR



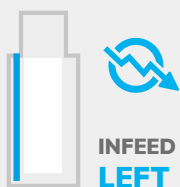
2 METER

● 107511

● 127511

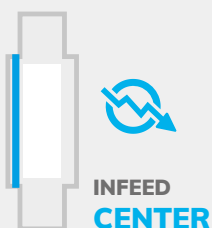


INFEEDS

INFEED
LEFT

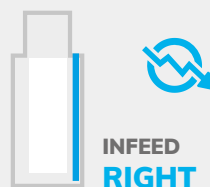
● 1076522

● 1276522

INFEED
CENTER

● 107653

● 127653

INFEED
RIGHT

● 1076521

● 1276521

CONNECTOR NEUTRAL CONDUCTOR



**LINEAR-CONNECTOR
LIVE**

107604

117604



**LINEAR-CONNECTOR
INSULATED**

107654

117654



**L-CONNECTOR
OUTSIDE**

1076552

1276552



**L-CONNECTOR
INSIDE**

1076551

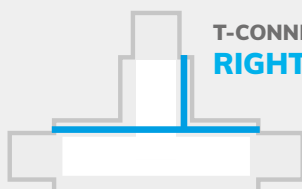
1276551



X-CONNECTOR

107657

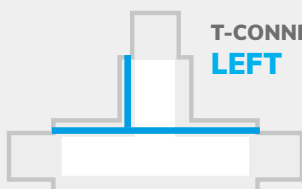
127657



**T-CONNECTOR
RIGHT**

1076561

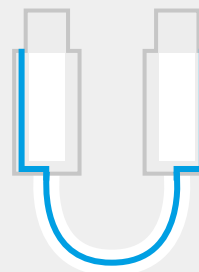
1276561



**T-CONNECTOR
LEFT**

1076562

1276562



**CONNECTOR
FLEX**

107658

127658

ACCESSORIES



**ADAPTER
MECHANICAL**

107625

127625



**ADAPTER
UNIVERSAL**

107601

127601



**FINISH
END CAP**

107659

127659



ADAPTER

113579

114034



COVER

107624

127624



INSTALLATION
suspension clip
for ceilings
117664



INSTALLATION Bracket
for rail
117607



**SUSPENSION ACCESS-
SORY**
Bracket 60 mm
Quick-clamp set
117606

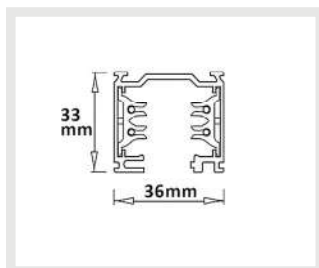


SUSPENSION ACCESSORY
Bracket 120 mm
117616



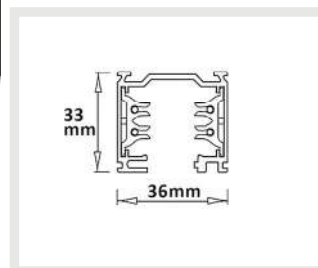
Length: 2m
Width: 36mm
Height: 33mm

107511 | 3-PH conductor rail, 2m, white



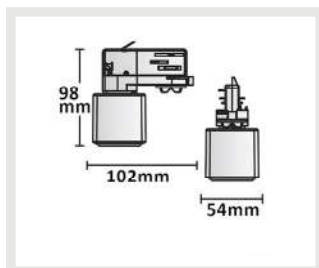
Length: 2m
Width: 36mm
Height: 33mm

127511 | 3-PH conductor rail, 2m, black



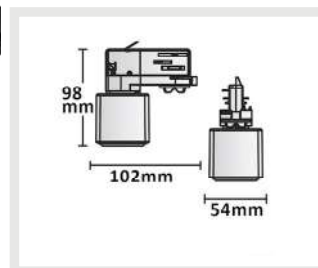
Length: 102mm
Width: 54mm
Height: 98mm

113579 | 3-phase adapter with protective contact plug, white, inc. 6A fuse



Length: 102mm
Width: 54mm
Height: 98mm

114034 | 3-PH adapter with protective contact plug, black, inc. 6A fuse



Length: 1m
Width: 36mm
Height: 33mm

107624 | Cover for 3-PH-rail, 1000mm white



Length: 1m
Width: 36mm
Height: 33mm

127624 | Cover for 3-PH-rail, 1000mm black



117607
3-PH installation bracket for rail, aluminum, 1 pieces



117664
3-PH suspension clip for ceilings



117606
Suspension accessory (1 pc) for 3ph conductor rail Classic with counterpart incl. canopy and steel wire 2m



117616
Suspension accessory (1 pc) for 3ph conductor rail Classic with mounting plate incl. canopy and steel cable 2m



107604
3-PH linear connector current-carrying, white



107659
3-PH end cap, white, 1 pieces



107654
3-PH linear connector insulated, white



107658
3-PH flex connector, white L: 300mm



107625
3-PH adapter mechanical, white



107601
3-PH universal adapter, white



L 1076521
3-PH side infeed N-conductor right, protective conductor left, white



107653
3-PH centre infeed, white



1076522
3-PH side infeed N-conductor left, protective conductor right, white



L 1076561
3-PH T-connector N-conductor right, protective conductor left, white



1076552
3-PH L-connector N-conductor exterior, protective conductor interior, white



R 1076562
3-PH T-connector N-conductor left, protective conductor right, white



1076551
3-PH L-connector N-conductor interior, protective conductor exterior, white



107657
3-PH X-connector, white



117604
3-PH linear connector current-carrying,
black



127659
3-PH end cap, black, 1 pieces



117654
3-PH linear connector insulated, black



127658
3-PH flex connector, black L: 300mm



127625
3-PH adapter mechanical, black



127601
3-PH universal adapter, black



1276521
3-PH side infeed N-conductor right,
protective conductor left, black



127653
3-PH centre infeed, black



1276522
3-PH side infeed N-conductor left,
protective conductor right, black



1276561
3-PH T-connector N-conductor right,
protective conductor left, black



1276552
3-PH L-connector N-conductor exterior,
protective conductor interior, black



1276562
3-PH T-connector N-conductor left,
protective conductor right, black



1276551
3-PH L-connector N-conductor interior,
protective conductor exterior, black



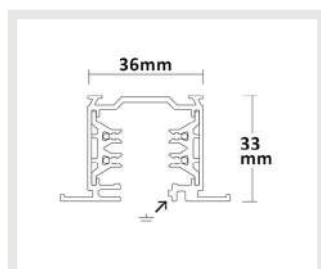
127657
3-PH X-connector, black

107512 | 3-PH conductor rail, 2m, white



ISOLED

Length: 2m
Width: 36mm
Height: 33mm

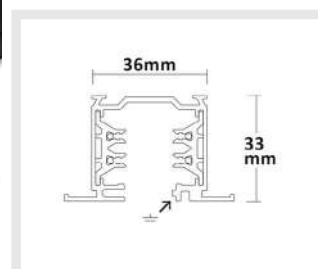


127512 | 3-PH conductor rails, 2m, black



ISOLED

Length: 2m
Width: 36mm
Height: 33mm



R 1076622

3-PH installation side infeed N-conductor left, protective conductor right, white



ISOLED

107663

3-PH recessed centre infeed white



ISOLED

R 1276622

3-PH installation side infeed N-conductor left, protective conductor right, black



ISOLED

L 1076621

3-PH installation side infeed N-conductor right, protective conductor left, white



ISOLED

L 1276621

3-PH installation side infeed N-conductor right, protective conductor left, black



ISOLED

127663

3-PH installation centre infeed black



ISOLED



Glare-free, activating and vitalising - for perfect visual ambience

"So far I am very satisfied with ISOLED and with the contacts I have had so far. Keep it up!!!"

Feedback from customer survey 2022

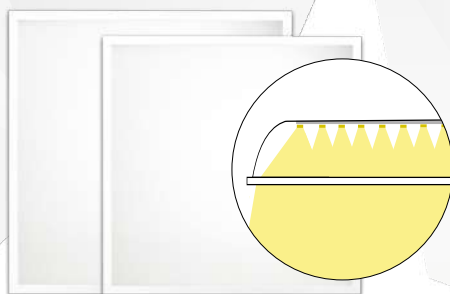
LED PANELS

CUSTOMISED LIGHT SOLUTIONS



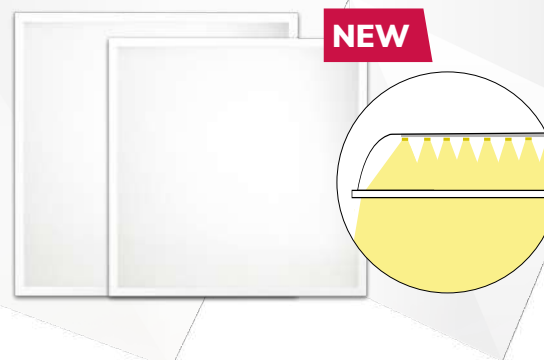
PAGE 71

HCL Line Panels RGB+W/CCT
UGR>19



PAGE 75

BACKLIGHT LINE Panels CRI>90



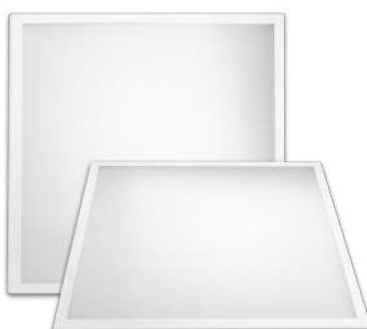
PAGE 79

ECO LINE Panels



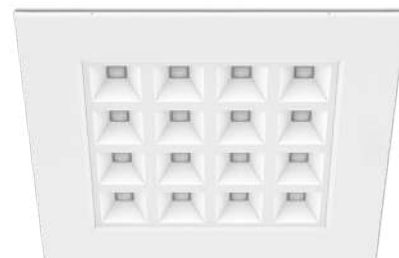
PAGE 81

BUSINESS LINE Panels UGR>19 2H



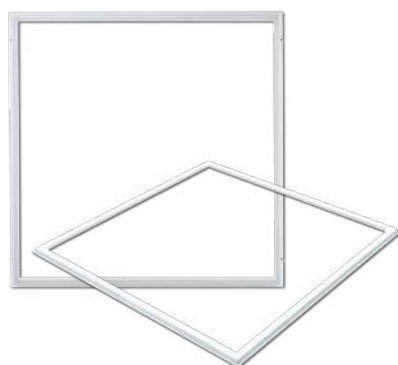
PAGE 85

PROFESSIONAL LINE Panels
UGR>19 8H



PAGE 89

RASTER LINE Panels



PAGE 91

DECO Panels



PAGE 95

Accessories for panel installation

OVERVIEW

600

Item	Page	Size	Dimming type	Kelvin		CRI	Watt	UGR
115709	86	600	Not dimmable	4.000 K		82	26,4	UGR<19 4H/8H
115711	86	600	Not dimmable	4.000 K		82	26,4	UGR<19 4H/8H
115165	76	600	Not dimmable	4.000 K		90	36	UGR<19 8H/8H
113253	83	600	Not dimmable	4.000 K		80	38,5	UGR<19 2H/2H
113271	86	600	Not dimmable	4.000 K		80	38,5	UGR<19 4H/8H
113262	83	600	Not dimmable	3.000 K		80	38,5	UGR<19 2H/2H
115710	86	600	Dimmable	4.000 K		82	26,4	UGR<19 4H/8H
115166	76	600	Dimmable	4.000 K		90	36	UGR<19 8H/8H
113254	83	600	Dimmable	4.000 K		80	38,5	UGR<19 2H/2H
113272	86	600	Dimmable	4.000 K		80	38,5	UGR<19 4H/8H
113263	83	600	Dimmable	3.000 K		80	38,5	UGR<19 2H/2H
115167	76	600	1-10V dimmable	4.000 K		90	36	UGR<19 8H/8H
113255	83	600	1-10V dimmable	4.000 K		80	38,5	UGR<19 2H/2H
113273	86	600	1-10V dimmable	4.000 K		80	38,5	UGR<19 4H/8H
113264	83	600	1-10V dimmable	3.000 K		80	38,5	UGR<19 2H/2H
115169	76	600	KNX dimmable	4.000 K		90	36	UGR<19 8H/8H
114302	83	600	KNX dimmable	4.000 K		80	38,5	UGR<19 2H/2H
114308	86	600	KNX dimmable	4.000 K		80	38,5	UGR<19 4H/8H
114305	83	600	KNX dimmable	3.000 K		80	38,5	UGR<19 2H/2H
115168	76	600	Push/DALI dimmable	4.000 K		90	36	UGR<19 8H/8H
113507	83	600	Push/DALI dimmable	4.000 K		80	38,5	UGR<19 2H/2H
113513	86	600	Push/DALI dimmable	4.000 K		80	38,5	UGR<19 4H/8H
113510	83	600	Push/DALI dimmable	3.000 K		80	38,5	UGR<19 2H/2H
115162	72	600	DALI DT8	2.700 - 5.700 K		90	43	UGR<19 4H/8H

**HIGH
EFFICIENCY**

625

Item	Page	Size	Dimming type	Kelvin		CRI	Watt	UGR
115712	87	625	Not dimmable	4.000 K		82	26,4	UGR<19 4H/8H
115714	87	625	Not dimmable	4.000 K		82	26,4	UGR<19 4H/8H
115170	77	625	Not dimmable	4.000 K		90	36	UGR<19 8H/8H
113256	83	625	Not dimmable	4.000 K		80	38,5	UGR<19 2H/2H
113274	87	625	Not dimmable	4.000 K		80	38,5	UGR<19 4H/8H
115894	80	625	Not dimmable	4.000 K		80	36	UGR<19 2H/2H
113265	83	625	Not dimmable	3.000 K		80	38,5	UGR<19 2H/2H
115156	73	625	Dimmable	2.700 - 5.700 K		90	58	UGR<19 4H/8H
115158	73	625	Dimmable	RGB + 4.000 K		90	57	-
115713	87	625	Dimmable	4.000 K		82	26,4	UGR<19 4H/8H
115171	77	625	Dimmable	4.000 K		90	36	UGR<19 8H/8H
113257	83	625	Dimmable	4.000 K		80	38,5	UGR<19 2H/2H
113275	87	625	Dimmable	4.000 K		80	38,5	UGR<19 4H/8H
113266	83	625	Dimmable	3.000 K		80	38,5	UGR<19 2H/2H
115172	77	625	1-10V dimmable	4.000 K		90	36	UGR<19 8H/8H
113258	83	625	1-10V dimmable	4.000 K		80	38,5	UGR<19 2H/2H
113276	87	625	1-10V dimmable	4.000 K		80	38,5	UGR<19 4H/8H
113267	83	625	1-10V dimmable	3.000 K		80	38,5	UGR<19 2H/2H
115174	77	625	KNX dimmable	4.000 K		90	36	UGR<19 8H/8H
114303	83	625	KNX dimmable	4.000 K		80	38,5	UGR<19 2H/2H
114309	87	625	KNX dimmable	4.000 K		80	38,5	UGR<19 4H/8H
114306	83	625	KNX dimmable	3.000 K		80	38,5	UGR<19 2H/2H
115173	77	625	Push/DALI dimmable	4.000 K		90	36	UGR<19 8H/8H
113508	83	625	Push/DALI dimmable	4.000 K		80	38,5	UGR<19 2H/2H
113514	87	625	Push/DALI dimmable	4.000 K		80	38,5	UGR<19 4H/8H
113511	83	625	Push/DALI dimmable	3.000 K		80	38,5	UGR<19 2H/2H
115163	73	625	DALI DT8	2.700 - 5.700 K		90	43	UGR<19 4H/8H

**HIGH
EFFICIENCY**

Marking  2700 K  3000 K  3500 K  4000 K  5000 K  6000 K

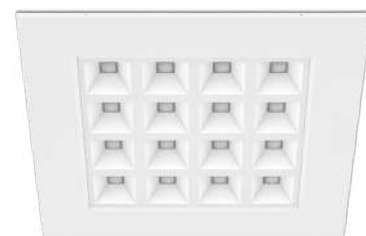
1200

Item	Page	Size	Dimming type	Kelvin		CRI	Watt	UGR
115715	87	1200	Not dimmable	4.000 K		82	26,4	UGR<19 4H/8H
113259	84	1200	Not dimmable	4.000 K		80	38,5	UGR<19 4H/8H
113277	87	1200	Not dimmable	4.000 K		80	38,5	UGR<19 8H/8H
113268	84	1200	Not dimmable	3.000 K		80	38,5	UGR<19 2H/2H
115157	73	1200	Dimmable	2.700 - 5.700 K		90	58	UGR<19 4H/8H
115159	73	1200	Dimmable	RGB + 4.000 K		90	57	UGR<19 2H/2H
115716	87	1200	Dimmable	4.000 K		82	26,4	UGR<19 4H/8H
113260	84	1200	Dimmable	4.000 K		80	38,5	UGR<19 8H/8H
113278	87	1200	Dimmable	4.000 K		80	38,5	UGR<19 2H/2H
113269	84	1200	Dimmable	3.000 K		80	38,5	UGR<19 4H/8H
113261	84	1200	1-10V dimmable	4.000 K		80	38,5	UGR<19 2H/2H
113279	87	1200	1-10V dimmable	4.000 K		80	38,5	UGR<19 8H/8H
113270	84	1200	1-10V dimmable	3.000 K		80	38,5	UGR<19 2H/2H
114304	84	1200	KNX dimmable	4.000 K		80	38,5	UGR<19 4H/8H
114310	87	1200	KNX dimmable	4.000 K		80	38,5	UGR<19 2H/2H
114307	84	1200	KNX dimmable	3.000 K		80	38,5	UGR<19 8H/8H
115717	87	1200	Push/DALI dimmable	4.000 K		82	26,4	UGR<19 2H/2H
113509	84	1200	Push/DALI dimmable	4.000 K		80	38,5	UGR<19 4H/8H
113515	87	1200	Push/DALI dimmable	4.000 K		80	38,5	UGR<19 2H/2H
113512	84	1200	Push/DALI dimmable	3.000 K		80	38,5	UGR<19 8H/8H
115164	73	1200	DALI DT8	2.700 - 5.700 K		90	43	UGR<19 2H/2H

**HIGH
EFFICIENCY**

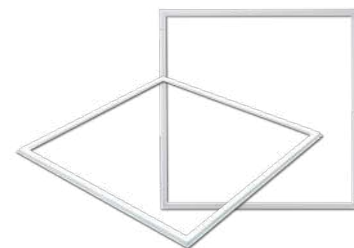
Grid line

Item	Page	Size	Dimming type	Kelvin		CRI	Watt	UGR
114179	90	625	Not dimmable	4.000 K		85	35,7	UGR<16
114184	90	625	Not dimmable	3.000 K		80	35,7	UGR<16
114180	90	625	Dimmable	4.000 K		80	35,7	UGR<16
114185	90	625	Dimmable	3.000 K		80	35,7	UGR<16
114182	90	625	Dimmable	4.000 K		80	35,7	UGR<16
114187	90	625	Dimmable	3.000 K		80	35,7	UGR<16
114181	90	625	1-10V dimmable	4.000 K		80	35,7	UGR<16
114186	90	625	1-10V dimmable	3.000 K		80	35,7	UGR<16
114183	90	625	KNX dimmable	4.000 K		80	35,7	UGR<16
114188	90	625	KNX dimmable	3.000 K		80	35,7	UGR<16



Frame

Item	Page	Size	Dimming type	Kelvin		CRI	Watt	UGR
115180	92	600	Not dimmable	4.000 K		83	38	-
115175	92	600	Not dimmable	3.000 K		83	38	-
115181	92	600	Dimmable	4.000 K		83	38	-
115176	92	600	Dimmable	3.000 K		83	38	-
115183	92	600	Push/DALI dimmable	4.000 K		83	38	-
115178	92	600	Push/DALI dimmable	3.000 K		83	38	-
115182	92	600	1-10V dimmable	4.000 K		83	38	-
115177	92	600	1-10V dimmable	3.000 K		83	38	-
115184	92	600	KNX dimmable	4.000 K		83	38	-
115179	92	600	KNX dimmable	3.000 K		83	38	-
								-
113793	93	625	Not dimmable	4.000 K		83	38	-
113788	93	625	Not dimmable	3.000 K		83	38	-
113794	93	625	Dimmable	4.000 K		83	38	-
113789	93	625	Dimmable	3.000 K		83	38	-
113796	93	625	Dimmable	4.000 K		83	38	-
113792	93	625	Dimmable	3.000 K		83	38	-
113795	93	625	1-10V dimmable	4.000 K		83	38	-
113791	93	625	1-10V dimmable	3.000 K		83	38	-
114312	93	625	KNX dimmable	4.000 K		83	38	-
114311	93	625	KNX dimmable	3.000 K		83	38	-



HCL DIMMING



HCL – Human Centric Lighting

HCL as a generic term for the technologies biodynamic light, sunset dimm-to-warm and CCT or dynamic white lighting, places people at the center of the lighting application.

Over thousands of years, humans have become accustomed to a 24-hour rhythm of the day. This change from light to dark, warm white light (sunrise) and cold white light (blue sky) provides the orientation for our sleep-wake rhythm. Choosing the right light color is therefore essential for a healthy daily routine.

A high proportion of blue in the visible wavelength of light inhibits the production of the hormone melatonin, which helps us to sleep in the evening. If the amount of blue is too low during the day it is a disadvantage because it makes us tired. If the possibility is available to adjust the light color individually, warm white light enables us to start the day comfortably and end it just as relaxed again.

A color temperature of the artificial lighting that mimics the course of the day has a direct positive effect on our well-being. A number of studies have shown, among other things, a faster recovery process in hospitals, reduced effects in the case of dementia and

a lower error rate when working in shifts, if the artificial lighting inside the building mimics the natural course of the day from outside.

On the other hand, the user has the option of counteracting this with cold lighting in the late afternoon hours to boost the attention threshold again and actively counteract emerging tiredness if this is desired.

With the controls from ISOLED® such as our new DALI master controllers (even without an existing bus building installation), 24V DC PWM controllers from the SYS-Pro range or 230V dimmers for our Sunset Dimm-to-warm light sources, it's extremely easy to create the desired lighting mood, atmosphere and with this a lighting that focuses on people's needs - HCL!



HOSPITAL / RETIREMENT HOME
Health



EDUCATIONAL INSTITUTIONS
Learn



MEANS OF TRANSPORT
Comfort and relaxation



HOTEL / WELLNESS
Sleep and relaxation



THERAPY
Recovery



SPORTS
High performance and concentration



SYS-90 DALI spotlight recessed
PAGE 223



24V DC CCT Control
PAGE 439

DALI Master Controller
PAGE 423



24V RGB+W Panels
PAGE 69



24V HCL Panels
PAGE 69



24V DC RGB+W Control
PAGE 439



Dynamic white flex stripes
SEE FLEX STRIPES & PROFILES CATALOG



Sunset Spots & Sunset Stripes
PAGE 361 | SEE FLEX STRIPES & PROFILE CATALOG

SUITABLE CONTROL GEAR AND CONTROLS

with 230 V AC DALI Driver	
Dynamic white CCT LED Panels PAGE 69	DALI Master Controller PAGE 423
Dynamic white CCT recessed ceiling spotlight PAGE 225	

with 24 V DC nominal voltage	
Dynamic white CCT LED Panels PAGE 69	24V DC Driver/Transformer PAGE 473 & PAGE 487
Dynamic white CCT LED recessed ceiling spot PAGE 252	24V DC CCT PWM dimmer PAGE 439
dynamic white CCT flex stripes SEE FLEXBANDS & PROFILES CATALOG	

In order to imitate the natural course of the sun, among other things, for "light alarm clocks" or cozy evening moods, our SUNSET dimm-to-warm products are able to shift their color location when dimming and reducing the brightness "into the warmer":

SUNSET Dimm-to-warm recessed ceiling spot 230V **PAGE 252**

SUNSET dimm-to-warm flex stripe (24V voltage sink) **SEE flex stripes & profiles catalog**

SUNSET dimm-to-warm flex stripes (24V PWM controlled) **SEE FLEX STRIPES & PROFILES CATALOG**





UGR<19

CONTROL OF DYNAMIC WHITE LIGHT SOURCES VIA PWM CCT CONTROLLER

With dynamic white (CCT) panels, spotlights recessed and flex strips *, which are operated with a nominal voltage of 24V DC, the dynamic white PWM CCT controller placed between the transformer and the light source dynamically regulates the color temperature and power between the cold white and warm white channels at a constant brightness level. When a mixing ratio is set to neutral white, for example, the controller regulates the warm white channel to 50% and the cool white channel also to 50%.

So when operating with a dynamic white PWM controller the full active power consumption and lumen output can not be achieved. We can get only a maximum of 50% here.

Tip: By using two upstream single color controllers, which operate the common anode (24V+) of the dynamic white light source together and control the two cathodes (24V-) each as a separate zone, it is possible to exploit the full power potential. This workaround should not be used to run both channels permanently at 100% - the heat generation is considerable and accelerates the

aging process of the LED chips noticeably.

PS: The same applies to 24V RGB+W panels and spotlights recessed if it would be possible to address the white channel (instead of its integration into a mixing ratio) separately with full power by using an RGB controller as well as an additional single color controller if the previously used RGB+W controller or its control (remote control) does not support separate control of all four channels.

Your contact person at ISOLED® will be pleased to advise you regarding control and will provide you with the connection diagram for your individual installation on request.

*3-pole: common anode (24V DC plus) and one cathode (24V DC minus) each for the cool white and warm white channel

LED PANELS

HCL LINE Panels

RGB+W/CCT UGR<19



5 YEAR
GUARANTEE

UP TO 5,000
LUMEN

43/57
WATT

IP40 CRI >90

HCL LINE PANELS

RGB+W/CCT UGR<19

RAL 9016

Traffic White

**White**

Frame WHITE

5 YEAR
GUARANTEE

UGR<19

50.000 H L70|B10
SERVICELIFEIP20/40
CRI >90**600****DIMENSIONS**

L: 595 mm | W: 595 mm | H: 9 mm

**WHITE FRAME****DYNAMIC WHITE,
DALI DT8**

Active power: 43 W
 luminous flux: 4.400 Lm
 Color temp: 2.700 – 6.000 K

2.700 K	4.000 Lm	43W
+ 6.000 K	4.300 Lm	43W
= 4.000 K	4.400 Lm	43W

INCL. EXTERNAL DALI DT8 TRANSFORMER

115162

620

DIMENSIONS

L: 620 mm | W: 620 mm | H: 9 mm



WHITE FRAME
DYNAMIC WHITE,
DALI DT8

Active power: 43 W
luminous flux: 4.400 Lm
Color temp: 2.700 – 6.000 K

2.700 K	4.000 Lm	43W
+ 6.000 K	4.300 Lm	43W
= 4.000 K	4.400 Lm	43W

INCL. EXTERNAL DALI DT8 TRANSFORMER

115163



WHITE FRAME
DYNAMIC WHITE,
UGR<19

Active power: 58 W
luminous flux: 5.100 Lm
Color temp: 2.700 – 6.500 K

2.700 K	3.000 Lm	34W
+ 6.500 K	3.200 Lm	34W
= 4.000 K	5.100 Lm	58W

EXCL. EXTERNAL TRANSFORMER

115156



WHITE FRAME
RGB+W

Active power: 57 W
lighting current: 3.200 Lm
Color temp: RGB+ 4.000 5.000 K

R	8,5 W	
G	9,5 W	
B	8,5 W	
4.000 K	1.620 Lm	32W
RGB + 4.000 K	3.200 Lm	57W

EXCL. EXTERNAL TRANSFORMER

115158



1200

DIMENSIONS

L: 1195 mm | W: 295 mm | H: 10 mm



WHITE FRAME
DYNAMIC WHITE,
DALI DT8

Active power: 43 W
luminous flux: 4.400 Lm
Color temp: 2.700 – 6.000 K

2.700 K	4.000 Lm	43W
+ 6.000 K	4.300 Lm	43W
= 4.000 K	4.400 Lm	43W

INCL. EXTERNAL DALI DT8 TRANSFORMER

115164



WHITE FRAME
DYNAMIC WHITE,
UGR<19

Active power: 58 W
luminous flux: 5.100 Lm
Color temp: 2.700 – 6.500 K

2.700 K	2.100 Lm	34W
+ 6.500 K	3.200 Lm	34W
= 4.000 K	5.100 Lm	58W

EXCL. EXTERNAL TRANSFORMER

115157



WHITE FRAME
RGB+W

Active power: 57 W
lighting current: 3.200 Lm
Color temp: RGB + 4.000 K

R	8,5 W	
G	9,5 W	
B	8,5 W	
4.000 K	1.620 Lm	32W
RGB + 4.000 K	3.200 Lm	57W

EXCL. EXTERNAL TRANSFORMER

115159





LED PANELS

BACKLIGHT Line Panels

CRI>90



ONLY COMBINABLE
WITH 7CM
HIGH MOUNTING
FRAME

5 YEAR
GUARANTEE

3.800 LU-
MEN

36 WATT

IP40 CRI >90

BACKLIGHT LINE PANELS CRI>90

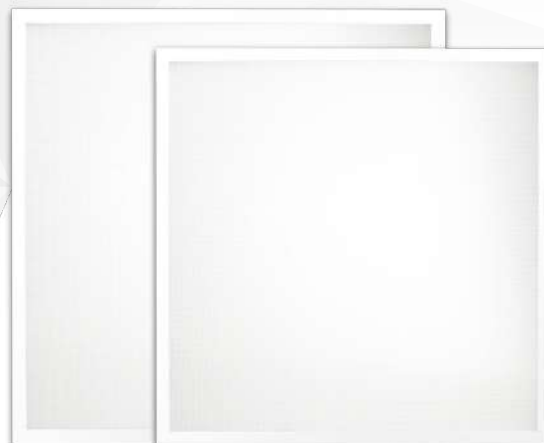
RAL 9016

Traffic White



White

Frame WHITE



**5 YEAR
GUARANTEE**

**INCL. EXTERNAL
TRANSFORMER**

UGR<19 8H

**50.000 H L70|B10
SERVICE LIFE**

**IP40 CRI
>90**



600

DIMENSIONS

L: 595 mm | W: 595 mm | H: 30 mm



WHITE FRAME

NEUTRAL WHITE

Active power: 36 W

Luminous flux: 3.800 Lm

Color temp: 4.000 K

NOT DIMMABLE 115165

**DIMMABLE
115166**

**1-10 V DIMMABLE
115167**

**PUSH/DALIDIMMABLE
115168**

**KNX DIMMABLE
115169**





620

DIMENSIONS

L: 620 mm | W: 620 mm | H: 30 mm



WHITE FRAME

NEUTRAL WHITE

Active power: 36 W

Luminous flux: 3.800 Lm

Color temp: 4.000 K

115170

DIMMABLE

115171

1-10 V DIMMABLE

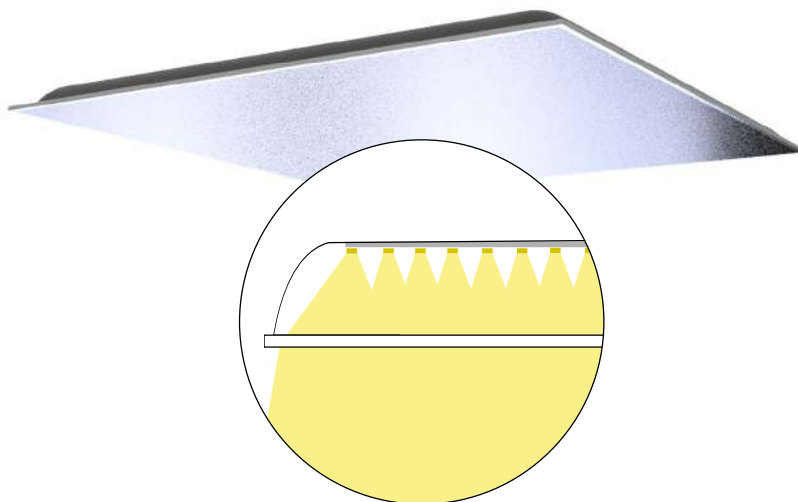
115172

PUSH/DALIDIMMABLE

115173

KNX DIMMABLE

115174





LED PANELS

ECO LINE panels



**ONLY COMBINABLE
WITH 7CM
HIGH MOUNTING
FRAME**

**5 YEAR
GUARANTEE**

UGR<19

**4.350
LUMEN**

36 WATT

ECO BACKLIGHT LINE PANELS

**White**

Frame WHITE

NEW

IN THE RANGE

**5 YEAR
GUARANTEE****INCL. EXTERNAL
TRANSFORMER****UGR<19 2H/2H****30.000 H L70|B10
SERVICE LIFE****IP40 CRI
>80****625****DIMENSIONS**

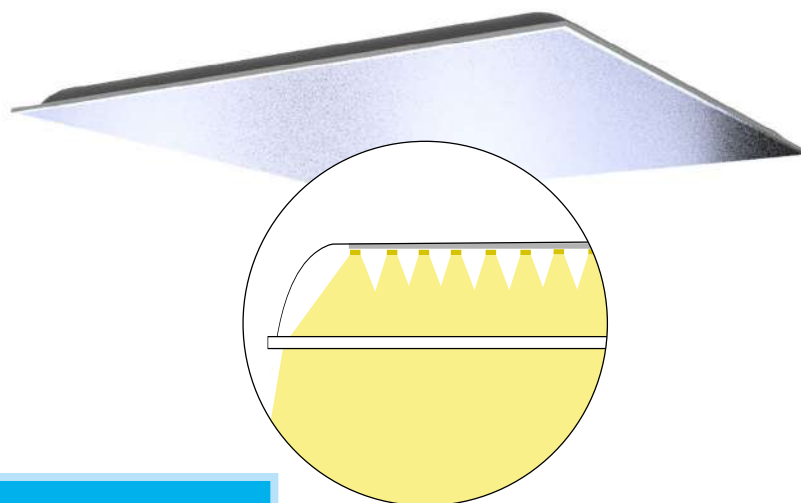
L: 595 mm | W: 595 mm | H: 30 mm

**WHITE FRAME
NEUTRAL WHITE**

Active power: 36 W

Luminous flux: 4.350 Lm

Color temp: 4.000 K

115894

TOP PRICE-PERFORMANCE RATIO

Purchase only possible in a set of 6 panels !

LED PANELS

BUSINESS LINE Panels

CRI>80 2H



5 YEAR GUARANTEE	UP TO 120 LM/W	UGR<19 2H	UP TO 4.650 LUMEN	38 WATT
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BUSINESS LINE PANELS CRI>90 2H

RAL 9016
Traffic White



White

Frame
WHITE



5 YEAR
GUARANTEE

INCL. EXTERNAL
TRANSFORMER

UGR<19 2H

50.000 H L70|B10
SERVICELIFE

IP40 CRI
>80

UGR<19
2 H



600

DIMENSIONS

L: 595 mm | B: 595 mm | H: 10 mm



WHITE FRAME

NEUTRAL WHITE

Active power: 38.5 W
Luminous flux: 4.600 Lm
Color temp: 4.000 K

113253

DIMMABLE

113254

1-10 V DIMMABLE

113255

DALI-DIMMABLE

113507

KNX DIMMABLE

114302



WHITE FRAME

WARM WHITE

Active power: 38.5 W
Luminous flux: 4.500 Lm
Color temp: 3.000 K

113262

DIMMABLE

113263

1-10 V DIMMABLE

113264

DALI-DIMMABLE

113510

KNX DIMMABLE

114305



625

DIMENSIONS

L: 620 mm | W: 620 mm | H: 10 mm



WHITE FRAME

NEUTRAL WHITE

Active power: 38.5 W
Luminous flux: 4.650 Lm
Color temp: 4.000 K

113256

DIMMABLE

113257

1-10 V DIMMABLE

113258

DALI-DIMMABLE

113508

KNX DIMMABLE

114303



WHITE FRAME

WARM WHITE

Active power: 38.5 W
Luminous flux: 4.550 Lm
Color temp: 3.000 K

113265

DIMMABLE

113266

1-10 V DIMMABLE

113267

DALI-DIMMABLE

113511

KNX DIMMABLE

114306

**1200****DIMENSIONS**

L: 1,195 mm | W: 295 mm | H: 10 mm

**WHITE FRAME
NEUTRAL WHITE**

Active power: 38.5 W

Luminous flux: 4.650 Lm

Color temp: 4.000 K

113259

DIMMABLE

113260

1-10 V DIMMABLE

113261

DALI-DIMMABLE

113509

KNX DIMMABLE

114304**WHITE FRAME
WARM WHITE**

Active power: 38.5 W

Luminous flux: 4.550 Lm

Color temp: 3.000 K

113268

DIMMABLE

113269

1-10 V DIMMABLE

113270

DALI-DIMMABLE

113512

KNX DIMMABLE

114307

LED PANELS

PROFESSIONAL LINE

Panels UGR<19 8H

UP TO 150
LM/W

NEW

NOW EVEN MORE
EFFICIENT



5 YEAR
GUARANTEE

UP TO 150
LM/W

UGR<19
8H

UP TO 4.550
LUMEN

26/38 WATT

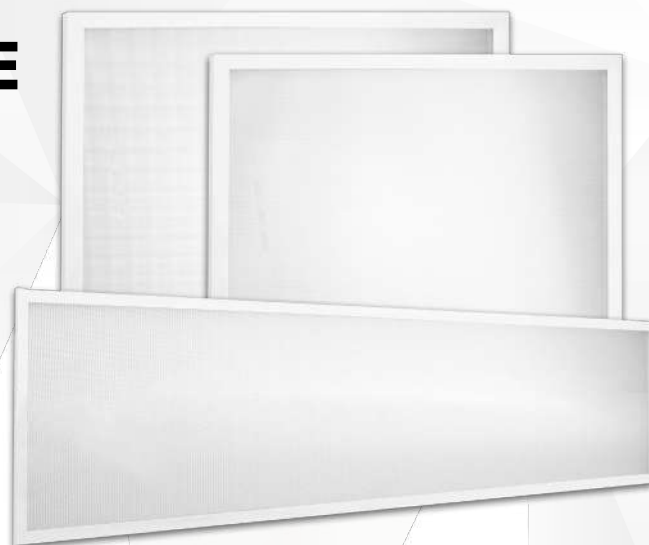
PROFESSIONAL LINE PANELS UGR<19 8H

RAL 9016

Traffic White

**White**

Frame WHITE

5 YEAR
GUARANTEEINCL. EXTERNAL
TRANSFORMER

UGR<19 8H

50.000 H L70|B10
SERVICELIFEIP20/40
CRI >80/82**600**

DIMENSIONS

L: 595 mm | W: 595 mm | H: 10 mm

**UP TO 150
LM/W****WHITE FRAME****NEUTRAL WHITE**

Active power: 38.5 W

Luminous flux: 4.500 Lm

Color temp: 4.000 K

113271

DIMMABLE

113272

1-10 V DIMMABLE

113273

DALI-DIMMABLE

113513

KNX DIMMABLE

114308**NEW****WHITE FRAME****NEUTRAL WHITE**

Active power: 26.4 W

Luminous flux: 3.950 Lm

Color temp: 4.000 K

115709

DIMMABLE

115710

DALI-DIMMABLE

115711

625

DIMENSIONS

L: 620 mm | W: 620 mm | H: 10 mm



WHITE FRAME

NEUTRAL WHITE

Active power: 38.5 W

Luminous flux: 4.550 Lm

Color temp: 4.000 K

113274

DIMMABLE

113275

1-10 V DIMMABLE

113276

DALI-DIMMABLE

113514

KNX DIMMABLE

114309



WHITE FRAME

NEUTRAL WHITE

Active power: 26.4 W

Luminous flux: 3.950 Lm

Color temp: 4.000 K

115712

DIMMABLE

115713

DALI-DIMMABLE

115714

**UP TO 150
LM/W**

1200

DIMENSIONS

L: 1,195 mm | W: 295 mm | H: 10 mm



WHITE FRAME

NEUTRAL WHITE

Active power: 38.5 W

Luminous flux: 4.550 Lm

Color temp: 4.000 K

113277

DIMMABLE

113278

1-10 V DIMMABLE

113279

DALI-DIMMABLE

113515

KNX DIMMABLE

114310



WHITE FRAME

NEUTRAL WHITE

Active power: 26.4 W

Luminous flux: 3.950 Lm

Color temp: 4.000 K

115715

DIMMABLE 115716

DALI DIMMABLE

115717



LED PANELS

RASTER LINE PANELS

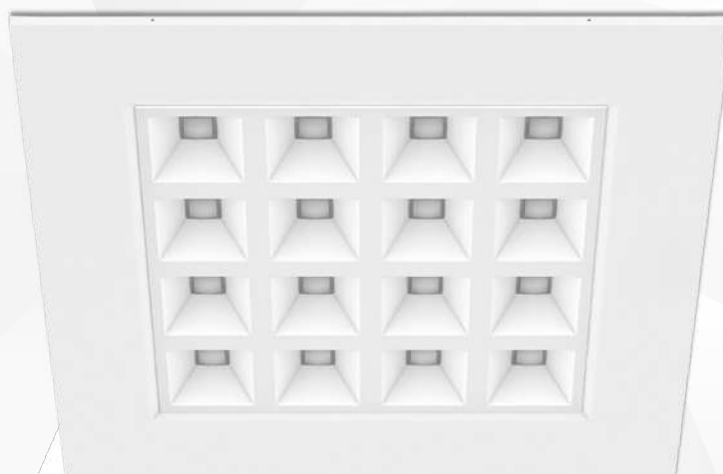
ONLY COMBINABLE
WITH 7CM
HIGH MOUNTING
FRAME



5 YEAR GUARANTEE	UP TO 120 LM/W	UP TO 4.200 LUMEN	36 WATT
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GRID LINE PANELS

620X620 MM



White

Frame WHITE

**5 YEAR
GUARANTEE**

**INCL. EXTERNAL
TRANSFORMER**

UGR<16

**50.000 H L70|B10 SER-
VICELIFE**

**IP40 CRI
>80**



625

DIMENSIONS

L: 620 mm | W: 620 mm | H: 47 mm



WHITE FRAME NEUTRAL WHITE

Active power: 35.7 W

Luminous flux: 4.200 Lm

Color temp: 4.000 K

114179

**DIMMABLE
114180**

**1-10 V DIMMABLE
114181**

**DALI-DIMMABLE
114182**

**KNX DIMMABLE
114183**



WHITE FRAME WARM WHITE

Active power: 35.7 W

Luminous flux: 4.100 Lm

Color temp: 3.000 K

114184

**DIMMABLE
114185**

**1-10 V DIMMABLE
114186**

**DALI-DIMMABLE
114187**

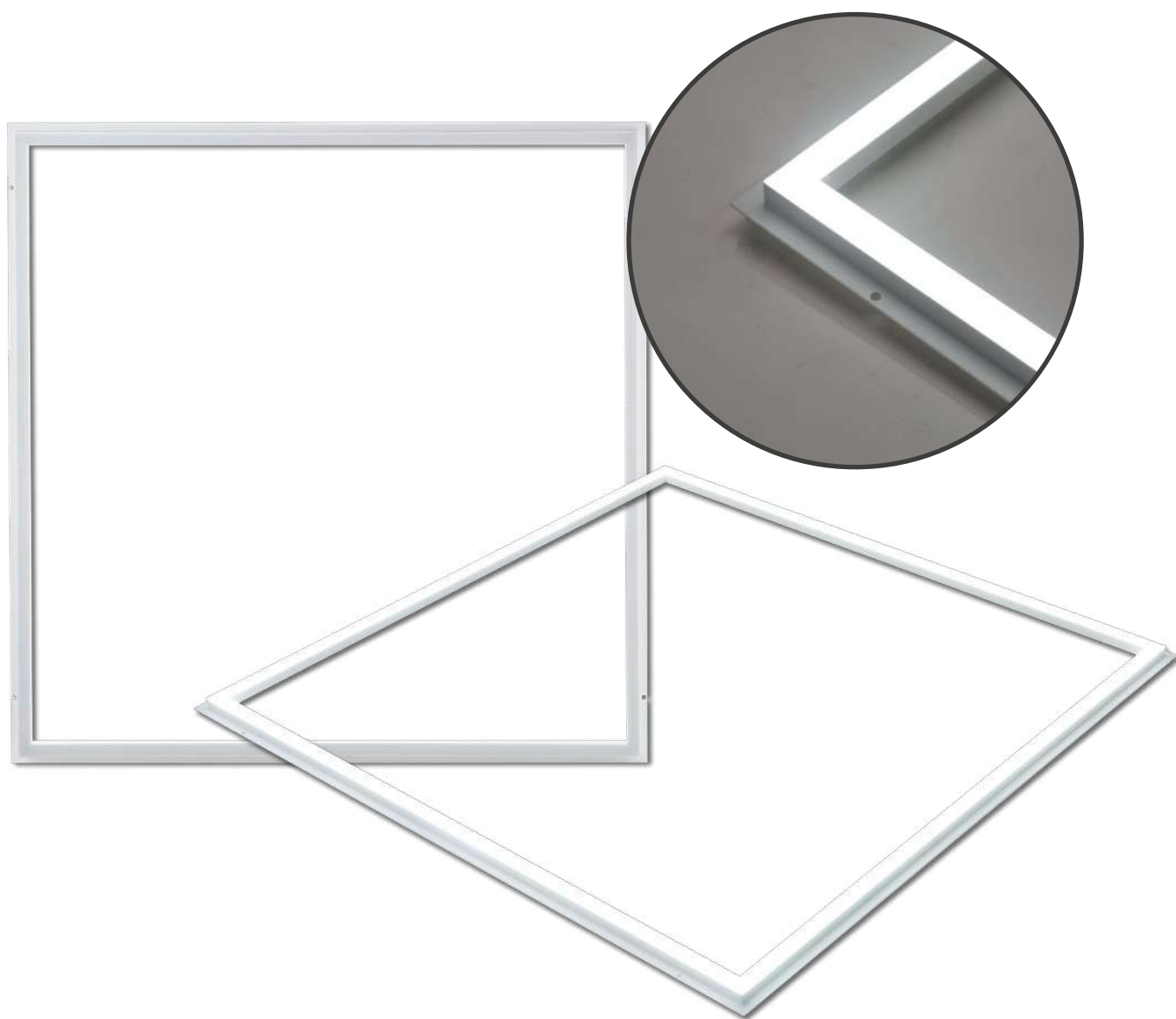
**KNX DIMMABLE
114188**



Office waiting area

LED PANELS

DECO panels



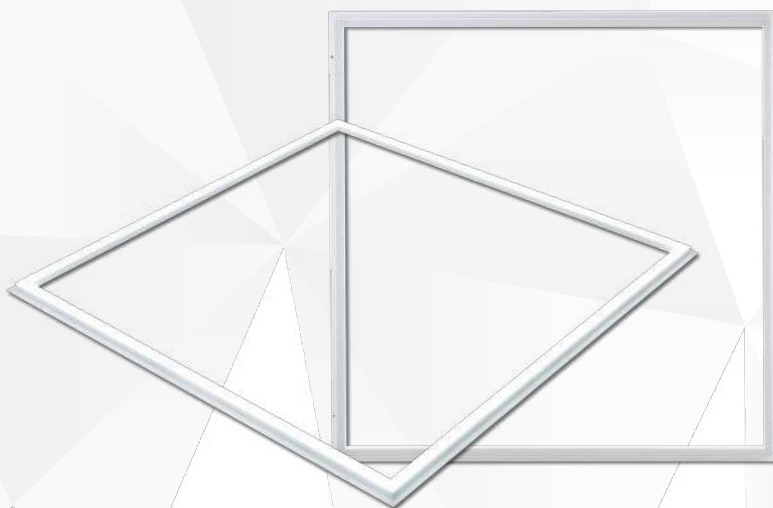
3 YEAR
GUARANTEE

UP TO 100
LM/W

UP TO 4,300
LUMEN

38 WATT

DECO PANELS


White

Frame WHITE

**3 YEAR
GUARANTEE**
**INCL. EXTERNAL
TRANSFORMER**
**30.000 H L70|B10
SERVICE LIFE**
**IP40 CRI
>83**

600
DIMENSIONS

L: 595 mm | W: 595 mm | H: 11 mm


**WHITE FRAME
NEUTRAL WHITE**

Active power: 38 W

Luminous flux: 3.600 Lm

Color temp: 4.000 K

115175
**DIMMABLE
115176**
**1-10 V DIMMABLE
115177**
**DALI-DIMMABLE
115178**
**KNX DIMMABLE
115179**

**WHITE FRAME
WARM WHITE**

Active power: 38 W

Luminous flux: 3.600 Lm

Color temp: 3.000 K

115180
**DIMMABLE
115181**
**1-10 V DIMMABLE
115182**
**DALI-DIMMABLE
115183**
**KNX DIMMABLE
115184**



620

DIMENSIONS

L: 615 mm | W: 615 mm | H: 11 mm



WHITE FRAME NEUTRAL WHITE

Active power: 38 W
Luminous flux: 3.700 Lm
Color temp: 4.000 K

113793

DIMMABLE
113794

1-10 V DIMMABLE
113795

DALI-DIMMABLE
113796

KNX DIMMABLE
114312



WHITE FRAME WARM WHITE

Active power: 38 W
Luminous flux: 3.600 Lm
Color temp: 3.000 K

113788

DIMMABLE
113789

1-10 V DIMMABLE
113791

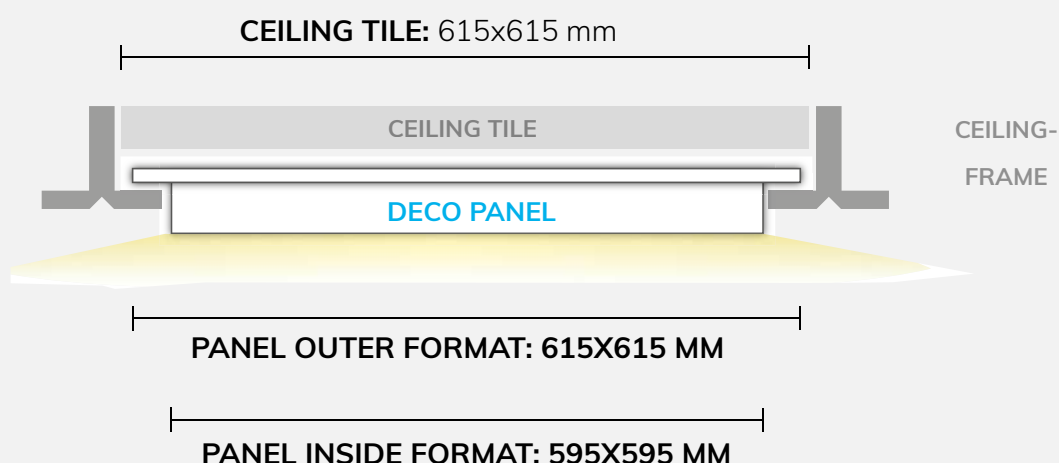
DALI-DIMMABLE
113792

KNX DIMMABLE
114311



MOUNTING FOR DECO PANELS

1 RECESSED CEILING MOUNTING IN GRID CEILINGS



2 CEILING SURFACE MOUNTING WITH CABLE SUSPENSION



CABLE SUSPENSION

Length: 1500 mm

112473



CABLE SUSPENSION

Length: 1000mm

113372

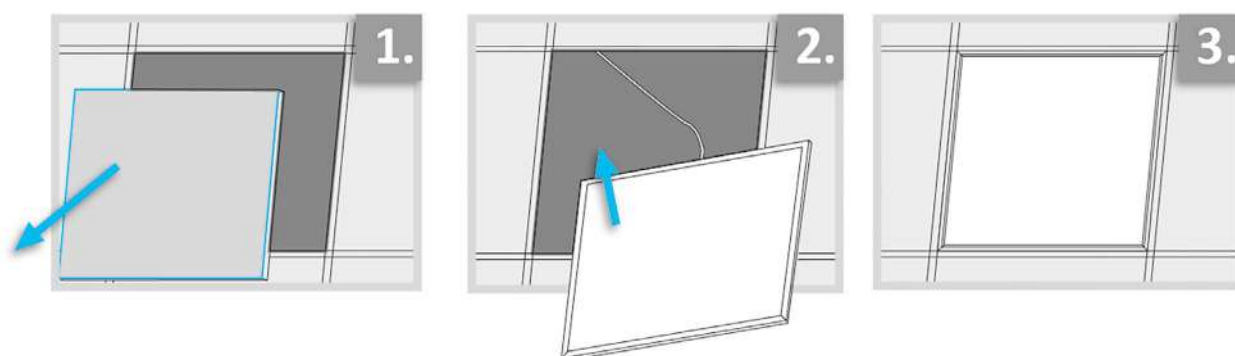
LED PANELS

Accessories for panel installation

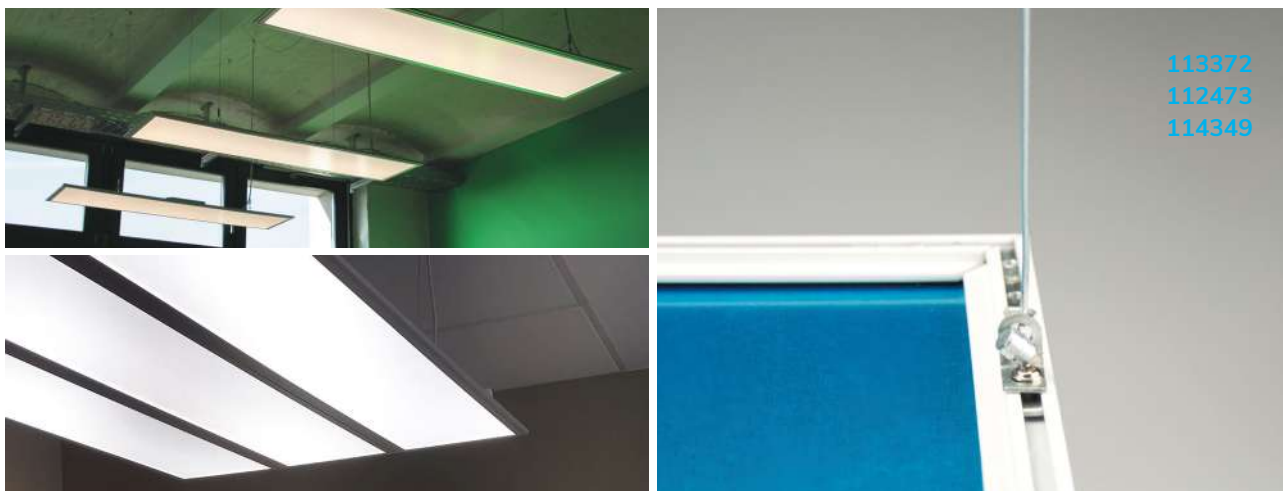


PANELS MOUNTING VARIANTS

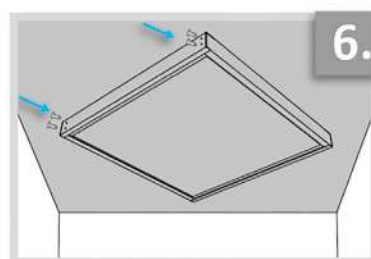
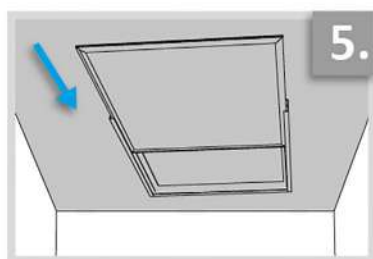
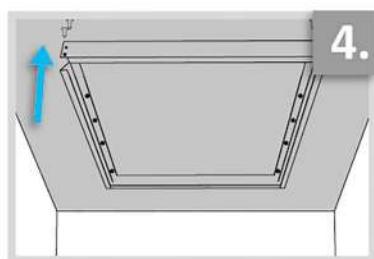
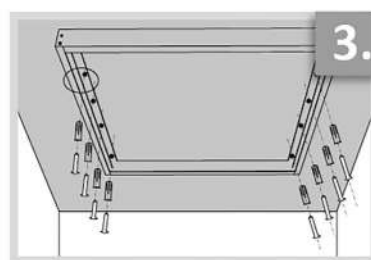
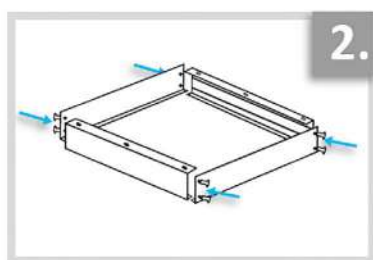
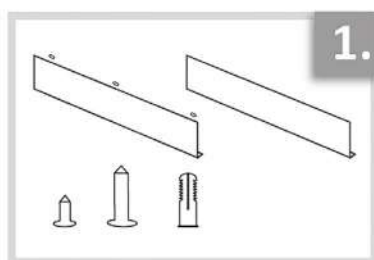
1 RECESSED CEILING MOUNTING IN GRID CEILINGS



2 CEILING SURFACE MOUNTING WITH CABLE SUSPENSION



3 INSTALLATION WITH SURFACE MOUNTING FRAME



600 | 114609

625 | 114610

1200 | 114608

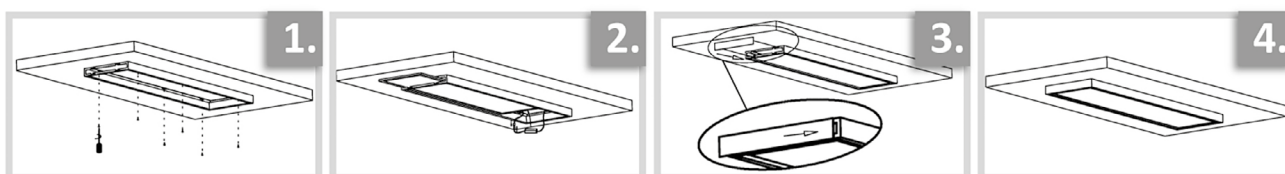


600 | 115247

625 | 115248

1200 | 115249

4 INSTALLATION WITH MOUNTING FRAME - QUICK MOUNTING



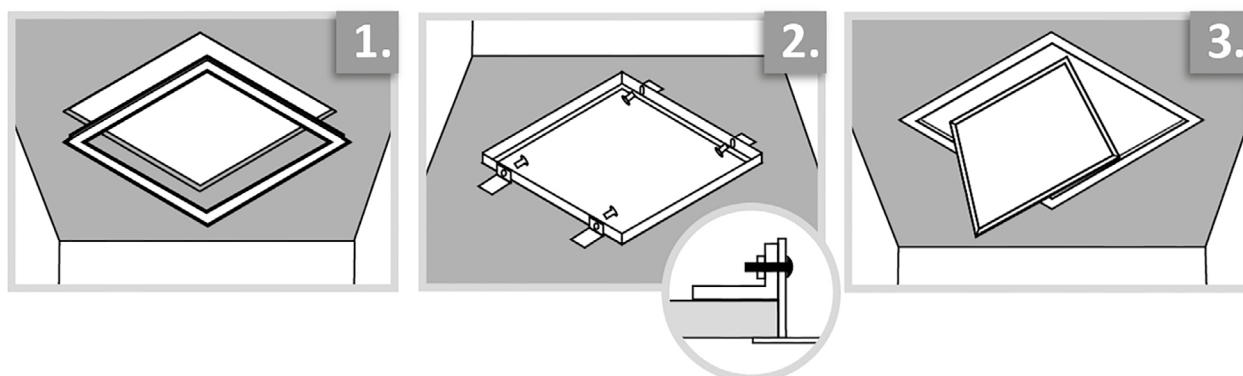
600 114605 | pre-assembled | H 50mm
115613 | pluggable | H 50mm
115247 | pluggable | H 70mm

625 114606 | pre-assembled | H 50mm
115614 | pluggable | H 50mm
115248 | pluggable | H 70mm

1200 114607 | pre-assembled | H 50mm
115615 | pluggable | H 50mm
115249 | pluggable | H 70mm



5 INSTALLATION WITH INSTALLATION FRAME



600 | 114612

625 | 114613

1200 | 114611



6 Additional options for DECO panels

SEE PAGE 94

7 ASSEMBLY WITH MOUNTING BRACKET

1.



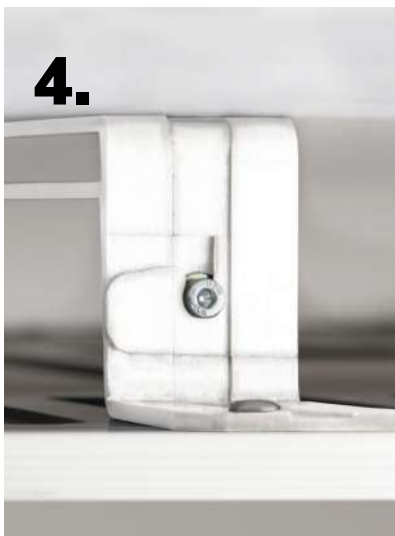
2.



3.



4.



5.



WHITE 625 | 114701

1200 | 114702

EMERGENCY POWER BATTERY MODULE

114377

Height	32 mm
width	100 mm
length	230 mm
Rated voltage	200-240 V AC

Battery type	Li-Ion 21.6V
Capacity	2.600 mAh
Charging time	≥ 24 hours
Charge current	max. 100 mA
Output	24 V-50 VDC
Power	15 W
Discharging time	≥ 3 hours

Ambient temp. 0°-40°C max.

Conformity CE, RoHS, EL-T

Connections L, N, PE
5,5x2,5 mm round plug

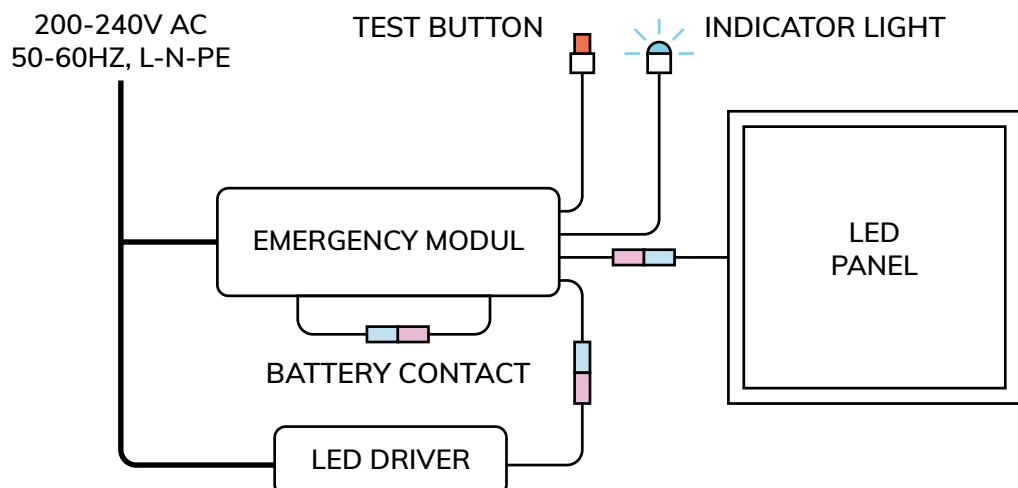


This module is ready to plug in and ready to connect for our panel series:

- » Business line
- » Professional line
- » UGR<16 Line
- » DECO Line

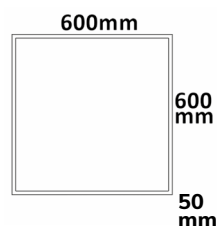
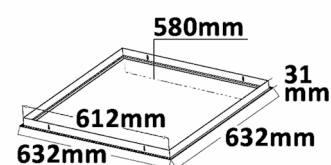
It complies with the standards summarized under the EL-T Mark and may be used to operate the panels as emergency lighting.

The emergency battery module registers nominal voltage and current, which is in normal operation flow from the transformer on the primary side via the emergency module to the connected luminaire or LED panel. In the case of a failure of the 230 V supply voltage, the emergency power module emits a constant current and a DC voltage of min. 25 V to max. 50 V from its Li-Ion battery, which corresponds to an output power of 15 W. In the case of our compatible panel series, this is approx. 400 mA for at least 3 hours!



ACCESSORIES FOR PANEL INSTALLATION

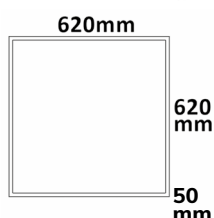
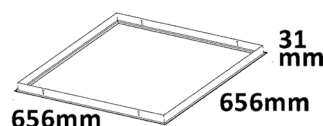
600 ACCESSORIES


QUICK-ASSEMBLY FRAME

SURFACE MOUNTING FRAME
114609

MOUNTING FRAME
114612
NEW
114605 | pre-assembled | H 50mm

115613 | pluggable | H 50mm

115247 | pluggable | H 70mm

625 ACCESSORIES


QUICK-ASSEMBLY FRAME

SURFACE MOUNTING FRAME
114610

MOUNTING FRAME
114613

MOUNTING BRACKET
114701
NEW
114606 | pre-assembled | H 50mm

115614 | pluggable | H 50mm

115248 | pluggable | H 70mm

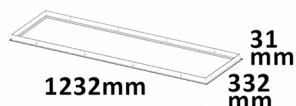
1200 ACCESSORIES



QUICK-ASSEMBLY FRAME



SURFACE MOUNTING FRAME



MOUNTING FRAME



MOUNTING BRACKET

114608

114611

114702

NEW

114607 | pre-assembled | H 50mm

115615 | pluggable | H 50mm

115249 | pluggable | H 70mm

CABLE SUSPENSION ACCESSORIES



CABLE SUSPENSION

Length: 1500 mm

112473



CABLE SUSPENSION

Length: 1000 mm

113372



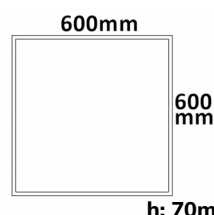
CEILING CANOPY

for UGR<16 Line

114349

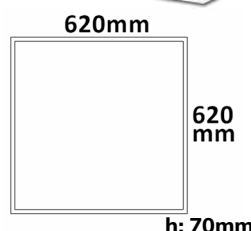
**BACKLIGHT PANELS,
ECO & UGR <16 PANELS
CAN ONLY BE COMBINED
WITH 7 CM HIGH
MOUNTING FRAMES!**

BACKLIGHT ACCESSORIES



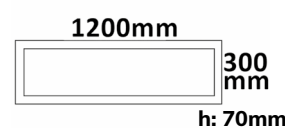
SURFACE MOUNTING FRAME

115247



SURFACE MOUNTING FRAME

115248



SURFACE MOUNTING FRAME

115249



Connecting corridor basement



Logistic terminal



Plant room (heating room)

Innovative sustainability for business and industry

HOMOGENOUS LIGHT QUALITY | STRUCTURE-FRIENDLY MOUNTING

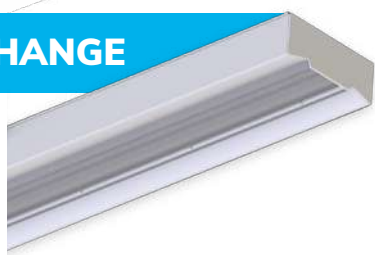
"I am very satisfied with the ISOLED partnership and the responsible field service. Also, the office staff and technical staff always help in a confident and friendly manner."

Feedback from customer survey 2022

LED LINEAR LIGHTING

CUSTOMISED LIGHT SOLUTIONS

CLICK & CHANGE



PAGE 107

LED linear system FastFix R
UniversalFit



PAGE 109

LED linear system FastFix S



PAGE 115

LED linear system
FastFix IP54



PAGE 117

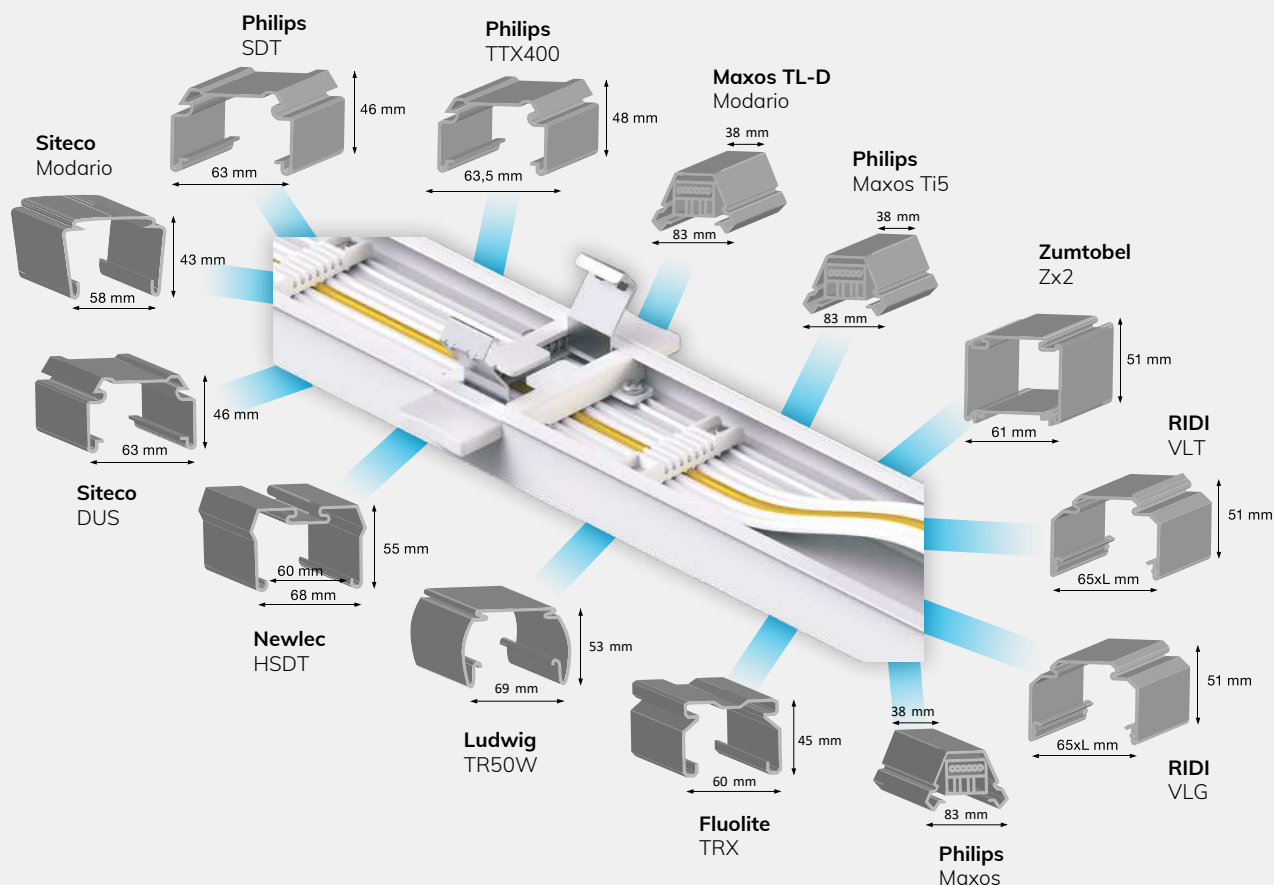
LED linear luminaires



PAGE 121

LED Linear diffuser and speci
luminaires

COMPATIBLE WITH THE FOLLOWING RAIL SYSTEMS



FASTFIX R UNIVERSALFIT

FOOD
SAFE

114079
safety cable



113932
infeed adapter



114078
Extension cable
1,5 m

30°

60°

90°

120°

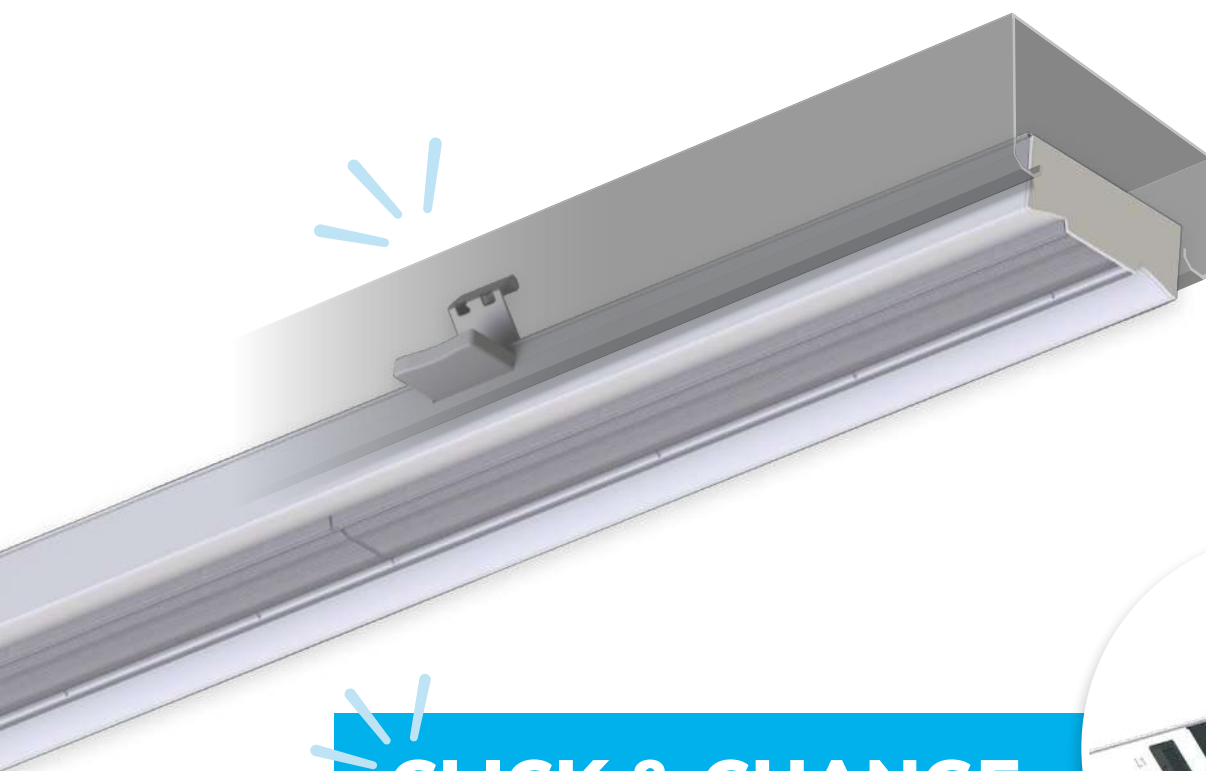
114077
blind cover

LED LINEAR LIGHTING

LED linear system FastFix R UniversalFit

NET PRICE ITEM

No further discount possible



CLICK & CHANGE

simple replacement for existing rail
systems with one click!





180-265 V AC | 25-75 W
CRI83 | IP40
Plastic/steel | 36.000 h L70|B10 1-10V
dimmable



8-pole wired: L1 | L2 | L3 | N | PE |
(Dali)+ | (Dali)- | L Emergency current

LIGHT MODULE

30°

DIMENSIONS

L: 1437 mm | W: 66 mm | H: 25 mm



NEUTRAL WHITE

Power: 74,4 W
luminous flux: 11.400 Lm
Color temp: 4.000 K

114072



COLD WHITE

Power: 74,8 W
luminous flux: 11.800 Lm
Color temp: 5.000 K

114076



60°

DIMENSIONS

L: 1437 mm | W: 66 mm | H: 25 mm



NEUTRAL WHITE

Power: 74,4 W
luminous flux: 11.400 Lm
Color temp: 4.000 K

114071



COLD WHITE

Power: 74,8 W
luminous flux: 11.800 Lm
Color temp: 5.000 K

114075



90°

DIMENSIONS

L: 1437 mm | W: 66 mm | H: 25 mm



NEUTRAL WHITE

Power: 74,4 W
luminous flux: 11.400 Lm
Color temp: 4.000 K

114069



COLD WHITE

Power: 74,8 W
luminous flux: 11.800 Lm
Color temp: 5.000 K

114073



120°

DIMENSIONS

L: 1437 mm | W: 66 mm | H: 25 mm



NEUTRAL WHITE

Power: 74,6 W
luminous flux: 11.200 Lm
Color temp: 4.000 K

114070



COLD WHITE

Power: 74,4 W
luminous flux: 11.400 Lm
Color temp: 5.000 K

114074



INFEEED



INFEEED ADAPTER

8 POLE | 15A

113932

INSTALLATION



EXTENSION CABLE

8-POLE | 1,5 m

114078



SAFETY CABLE

per module 2 pcs. are. needed

114079

BLIND



BLIND COVER

1,5 m

114077

LED LINEAR LIGHTING

LED linear system FastFix S

NET PRICE ITEM

No further discount possible





FASTFIX S



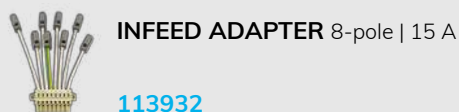
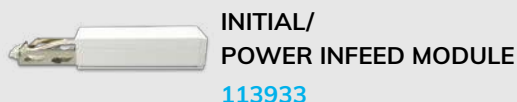
BAR MOUNTS



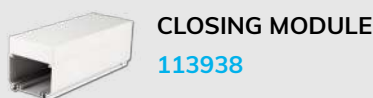
3-PH CONDUCTOR RAIL



INFEED



FINISH



LED linear system

180-265 V AC | 25-75 W | CRI83 | IP40
Plastic/steel | 36.000 h L70|B10



LIGHT MODULE

30°

DIMENSIONS

L: 1440 mm



NEUTRAL WHITE

Power: 74,91 W
Luminous flux: 10.500 Lm
Color temp: 4.000 K

113943

+DALI 115236



COLD WHITE

Power: 74,91 W
Luminous flux: 10.600 Lm
Color temp: 5.000 K

113944

+DALI 115242

60°

DIMENSIONS

L: 1440 mm



NEUTRAL WHITE

Power: 74,91 W
Luminous flux: 10.500 Lm
Color temp: 4.000 K

113945

+DALI 115237



COLD WHITE

Power: 74,91 W
Luminous flux: 10.600 Lm
Color temp: 5.000 K

113946

+DALI 115243

90°

DIMENSIONS

L: 1440 mm



NEUTRAL WHITE

Power: 74,91 W
Luminous flux: 10.500 Lm
Color temp: 4.000 K

113939

+DALI 115238



COLD WHITE

Power: 74,91 W
Luminous flux: 10.600 Lm
Color temp: 5.000 K

113940

+DALI 115244

120°

DIMENSIONS

L: 1440 mm



NEUTRAL WHITE

Power: 72,9 W
Luminous flux: 10.500 Lm
Color temp: 4.000 K

113947

+DALI 115245



COLD WHITE

Power: 72,9 W
Luminous flux: 10.600 Lm
Color temp: 5.000 K

113948

+DALI 115246

25°R DIMENSIONS

L: 1440 mm



NEUTRAL WHITE

Power: 74,91 W
 Luminous flux: 10.500 Lm
 Color temp: 4.000 K

113941

+DALI 115235



COLD WHITE

Power: 74,91 W
 Luminous flux: 10.600 Lm
 Color temp: 5.000 K

113942

+DALI 115241

25°L DIMENSIONS

L: 1440 mm



NEUTRAL WHITE

Power: 74,91 W
 Luminous flux: 10.500 Lm
 Color temp: 4.000 K

113949

+DALI 115233



COLD WHITE

Power: 74,91 W
 Luminous flux: 10.600 Lm
 Color temp: 5.000 K

113950

+DALI 115239

25°R + 25°L DIMENSIONS

L: 1440 mm



NEUTRAL WHITE

Power: 74,91 W
 Luminous flux: 10.500 Lm
 Color temp: 4.000 K

113951

+DALI 115234



COLD WHITE

Power: 74,91 W
 Luminous flux: 10.600 Lm
 Color temp: 5.000 K

113952

+DALI 115240

8-pole wired: L1 | L2 | L3 | N | PE | + | - |
 L Emergency current

SUSPENSION



STEEL CABLE SUSPENSION

2m incl. installation clip

112961



STEEL CHAIN

2m incl. hook and installation clip

112962

INSTALLATION



CLIP

for ceiling installation

112960



CABLE COUPLER

White

112954

BLIND

BLIND COVER

1,5 m

113936

REPLACEMENT LENS



30°

113954



60°

113955



90°

113956



25° R

113957



25° L

113957



25° R+L

113958

LED linear system

180-265 V AC | 25-75 W | CRI83 | IP40

Plastic/steel | 36.000 h L70|B10



LINEAR LIGHT

30°

DIMENSIONS

L: 1460 mm



NEUTRAL WHITE

Power: 74,91 W
Luminous flux: 10.500 Lm
Color temp: 4.000 K

113972



WARM WHITE

Power: 74,91 W
Luminous flux: 9.950 Lm
Color temp: 3.000 K

113971

90°

DIMENSIONS

L: 1460 mm



NEUTRAL WHITE

Power: 74,91 W
Luminous flux: 10.500 Lm
Color temp: 4.000 K

113994

EMERGENCY LIGHT



DIMENSIONS

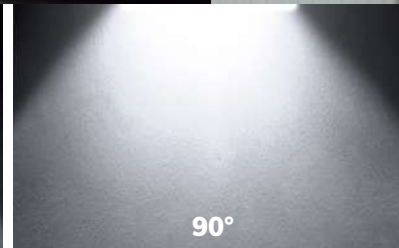
L: 1.4 m | W: 70 mm | H: 40 mm

1-10 V dimmable | 25-75 W
Luminous flux: 10.500 Lm
Color temp: 4.000 K

incl. integrated Li-ion battery with up to 3 hours running time at 10 W | 2,200 mAh | 7.92 Wh

This product is a project item, which allows various parameters such as color temperature, lens or beam angle etc. to be chosen individually for a customer-specific light solution.

113953



FASTFIX IP54



LED LINEAR LIGHTING

LED linear system FastFix IP54

NET PRICE ITEM

No further discount possible



180-265 V AC | 25-75 W | CRI83 | IP54

Plastic / aluminum | 36,000 h L70 | B10



LIGHT MODULE

30°**DIMENSIONS**

L: 1437 mm

**NEUTRAL WHITE**

Power: 74,91 W
Luminous flux: 10.500 Lm
Color temp: 4.000 K

114287**+DALI 115155****COLD WHITE**

Power: 74,91 W
Luminous flux: 10.600 Lm
Color temp: 5.000 K

114291**+DALI 115230****60°****DIMENSIONS**

L: 1437 mm

**NEUTRAL WHITE**

Power: 74,91 W
Luminous flux: 10.500 Lm
Color temp: 4.000 K

114286**+DALI 115227****COLD WHITE**

Power: 74,91 W
Luminous flux: 10.600 Lm
Color temp: 5.000 K

114290**+DALI 115231****90°****DIMENSIONS**

L: 1437 mm

**NEUTRAL WHITE**

Power: 74,91 W
Luminous flux: 10.500 Lm
Color temp: 4.000 K

114285**+DALI 115228****COLD WHITE**

Power: 74,91 W
Luminous flux: 10.600 Lm
Color temp: 5.000 K

114289**+DALI 115232****120°****DIMENSIONS**

L: 1437 mm

**NEUTRAL WHITE**

Power: 74,91 W
Luminous flux: 10.500 Lm
Color temp: 4.000 K

114288**+DALI 115154****COLD WHITE**

Power: 74,91 W
Luminous flux: 10.600 Lm
Color temp: 5.000 K

114292**+DALI 115229**

BAR MOUNTS

**1,5 m 113934****3 m 113935**

INFEED



**INITIAL/
POWER INFEED MODULE**
114295



INFEED ADAPTER 8-pole | 15 A
113932

FINISH



CLOSING MODULE
114296



END CAP
114294

SUSPENSION



STEEL CABLE SUSPENSION
2m incl. installation clip
112961



STEEL CHAIN
2m incl. hook and installation clip
112962

INSTALLATION



CLIP
for ceiling installation
112960



CABLE COUPLER
White
114293



PROTECTIVE CUFF
for bar mount | 1,5/3 m
114298

REPLACEMENT LENS



30° 113954 60° 113955 90° 113956

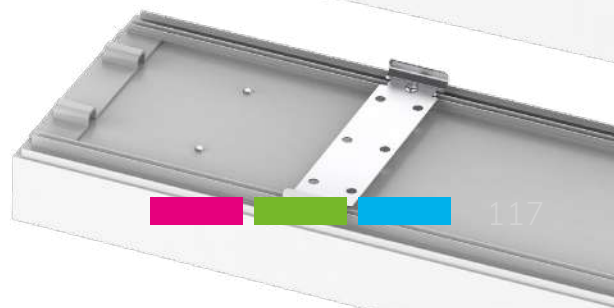
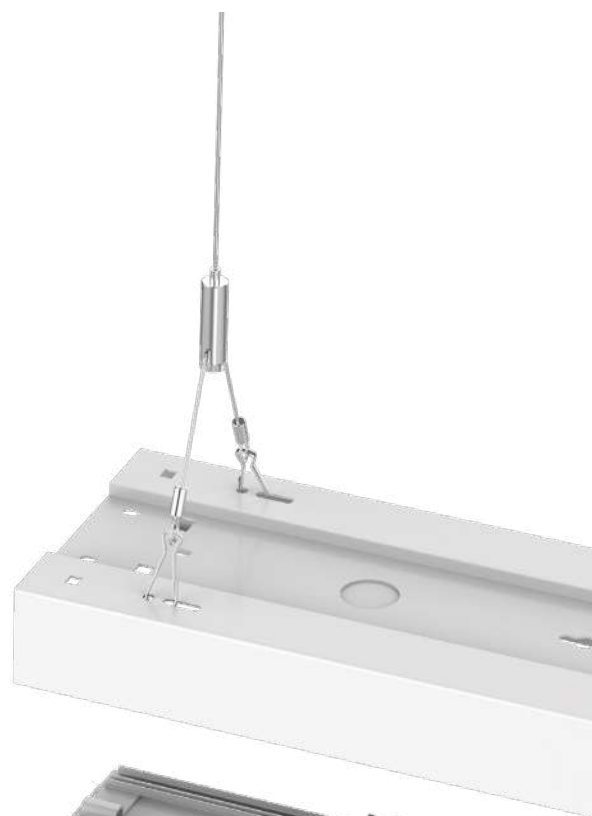
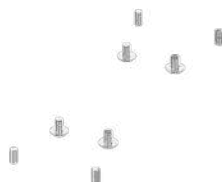
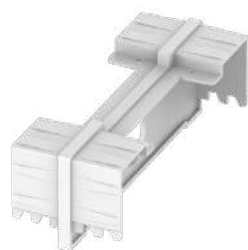
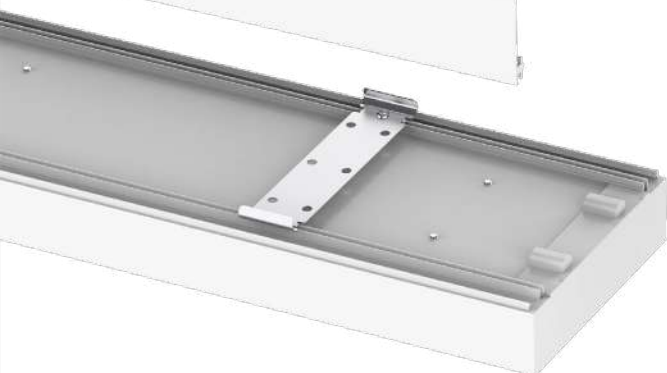
25° R 113957 25° L 113957 25° R+L 113958

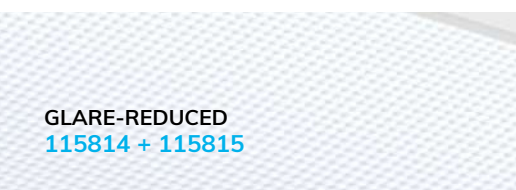
LED LINEAR LIGHTING

LED linear luminaires

NEW

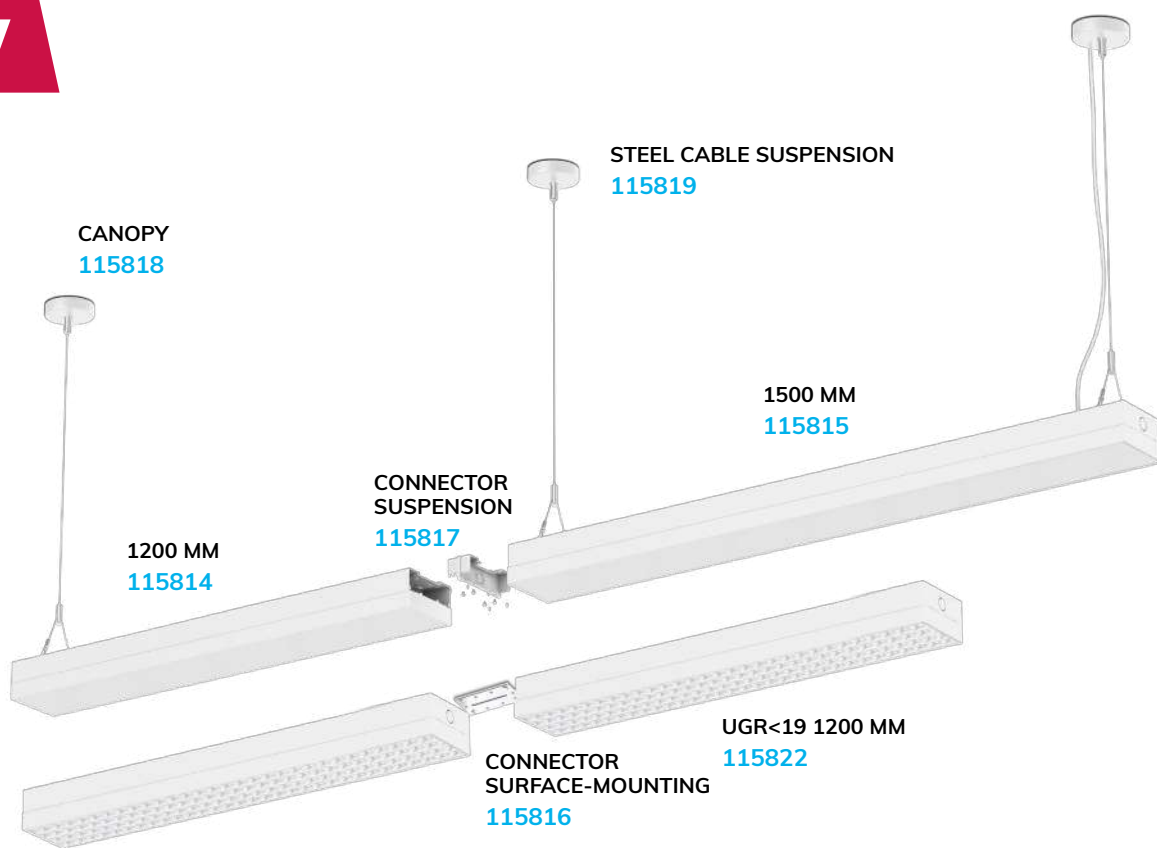
NOW NEW IN THE
IN THE RANGE





NEW

DALI Upgrade
with item 115807
DALI to phase
section
MORE ON PAGE
463



OFFICE AND CONFE-
RENCE ROOMS



SCHOOLS AND UNI-
VERSITIES



DRY STORAGE
ROOMS



SURGERIES



EQUIPMENT ROOMS



connector
SURFACE MOUNT **115816**



connector
SUSPENSION **115817**



Ceiling canopy round
incl. 2m 3 pol. Sheathed cable
115818



Wire suspension with double slip clamp
200-1600mm
115819



Perfect replacement for grid lights with fluorescent tubes, because: phase-out of T8 fluorescent tubes from September 1st, 2003 according to ecodesign regulation 2019/2020/EU



Glare-reduced with prismatic surface beam angle 100° or as UGR<19 variant (beam angle 80°) with diffuser lenses



easy assembly -
Surface mounted as well as suspended



linear connectable and 3-pole through-wireable



particularly variable thanks to integrated ColorSwitch 3000|4000|5700K

220-240 V AC | CRI82 | IP40 | DIMMABLE
White | Aluminum | 50.000 h L70|B10
3 pole through-wireable | Protection class I
high quality powder coating RAL 9016



IP66



LINEAR LUMINAIRE

100° GLARE-REDUCED

Colorswitch 3.000K | 4.000K | 5.700K



120 CM

Power: 35,5 W
Luminous flux: 4.850 Lm
115814

150 CM

Power: 44,2 W
Luminous flux: 5.500 Lm
115815

80°

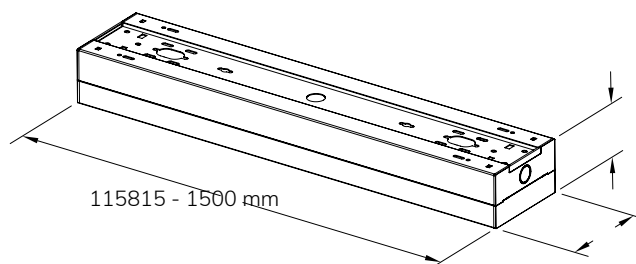
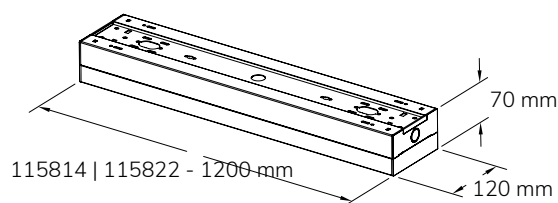
UGR<19

Colorswitch 3.000K | 4.000K | 5.700K



120 CM

Power: 36,9W
Luminous flux: 4.800 Lm
115822





LED LINEAR LIGHTING

LED Linear diffuser and special luminaires



LED tub light POWERSWITCH



5 year warranty, IK08



LED diffuser luminaires ATEX II



Shock and impact resistant, IK10

NEW

LED LINEAR LIGHTS AT A GLANCE

Item	Page	Length in mm	Kelvin		Lumen	Protection class	Watt	IK Value	Special features
LED Linear light HP 114654	Page 125	1200	4000		4000	IP69K	35	10	Ammonia resistant, suitable for high pressure/steam cleaning, shockproof and dustproof
LED Linear light HP 114655	Page 125	1200	5000		4000	IP69K	35	10	Ammonia resistant, suitable for high pressure/steam cleaning, shockproof and dustproof
LED Linear Light HP 114656	Page 125	1500	4000		5620	IP69K	50	10	Ammonia resistant, suitable for high pressure/steam cleaning, shockproof and dustproof
LED Linear Light HP 114657	Page 125	1500	5000		5620	IP69K	50	10	Ammonia resistant, suitable for high pressure/steam cleaning, shockproof and dustproof
LED Bar Light 114571	Page 126	1220	3000 4000 6000		4700	IP20	40	-	COLOR SWITCH, only suitable for indoor use
LED bar light 115481 NEW	Page 126	1500	3000 4000 6000		4700	IP20	40,5	-	COLOR SWITCH, only suitable for indoor use
LED Linear Light 112704	Page 127	1300	4000		4000	IP65	36	08	Shockproof
LED linear light 112705	Page 127	1300	2700		3700	IP65	36	08	Shockproof
LED Linear Light 113092	Page 127	1600	4000		5000	IP65	42	08	Shockproof
LED linear light 114652	Page 127	1300	4000		4000	IP65	36	08	RF-Motion detector
LED linear light 114653	Page 127	1600	4000		5000	IP65	45	08	RF-Motion detector
LED Linear Light Professional 113563	Page 128	1500	4000		5800	IP66	40	10	D-marking, 5 years guarantee
LED Linear Light Professional 113565*	Page 128	1500	4000		5800	IP66	40	10	D marking, emergency light function*
LED Linear Light Professional 113564	Page 128	1500	4000		8400	IP66	60	10	D-marking, 5 year guarantee
LED linear light Professional 115150	Page 129	1200	4000		5500	IP66	35	10	D-marking, 5 year guarantee
LED Linear Light Professional 115151	Page 129	1500	4000		6700	IP66	45	10	D-marking, 5 year guarantee
LED Linear Light Professional 115152	Page 129	1200	4000		5500	IP66	40	10	D-marking, 5 year guarantee, DALI
LED Linear Light Professional 115153	Page 129	1500	4000		8400	IP66	60	10	D-marking, 5 year guarantee, DALI

Item	Page	Length in mm	Kelvin		Lumen	Protection class	Watt	IK Value	Special features
LED diffuser luminaires 114149	Page 130	1190	3000 4000 5000		3300-6100	IP65	25-40	08	COLOR SWITCH, POWER SWITCH, D marking, 5 year guarantee
LED diffuser luminaires 114150	Page 130	1490	3000 4000 5000		4250-8500	IP65	35-60	08	COLOR SWITCH, POWER SWITCH, D marking, 5 year guarantee
LED diffuser light 115643 NEW	Page 130	1240	4000		4800	IP65	22-40	08	POWER SWITCH, 5 year guarantee
LED diffuser light 115644 NEW	Page 130	1240	6000		4800	IP65	22-40	08	POWER SWITCH, 5 year guarantee
LED diffuser light 115641 NEW	Page 130	1540	4000		7200	IP65	22-40	08	POWER SWITCH, 5 year guarantee
LED diffuser light 115642 NEW	Page 130	1540	6000		7200	IP65	22-40	08	POWER SWITCH, 5 year guarantee
LED diffuser light 115764 NEW	Page 133	1572	4000		7280	IP66	53	10	For hazardous areas, shock and impact resistant
LED diffuser light 115765 NEW	Page 133	1572	6000		7280	IP66	53	10	For hazardous areas, shock and impact resistant
LED surface and under-cabinet luminaire 114064	Page 131	590	3000 3500 4000		2000	IP42	20	08	COLOR SWITCH
LED surface and under-cabinet luminaire 114065	Page 131	1190	3000 3500 4000		4000	IP42	40	08	COLOR SWITCH

The lights are not dimmable. All luminaires (except art. 114571) are suitable for indoor and outdoor use. * Switches to battery operation with 600 lm for 3 hours Lithium battery 7.2 V/2600 mAh in case of power failure; battery not replaceable. Marking  2700 K 3000 K 3500 K 4000 K 5000 K 6000 K



LED LINEAR LIGHT HIGH PROTECTION

120 CM - 35 W | 150 CM - 50 W



Ammonia resistant
Impact resistant IK10



3-pole through-wired



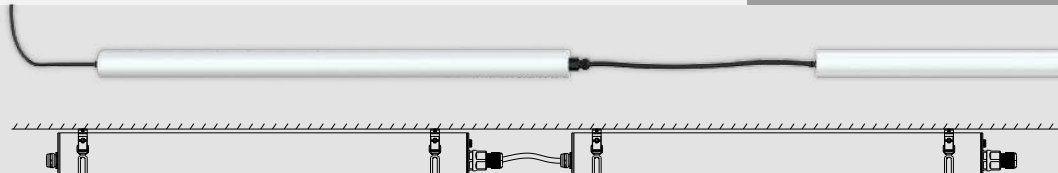
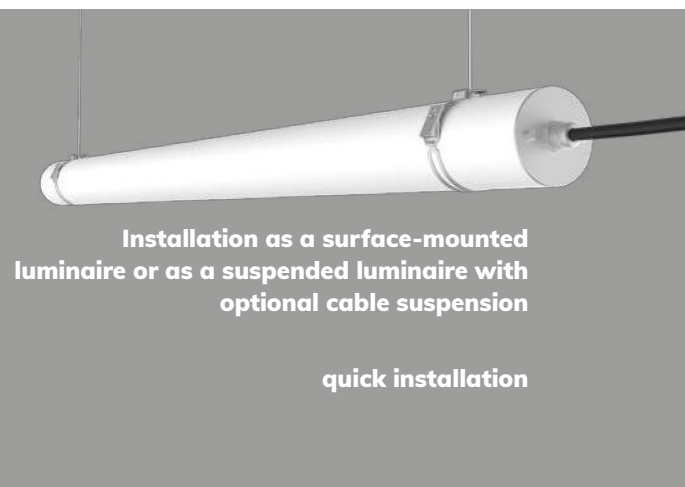
Lined up:
120 cm to 30 luminaires
150 cm to 21 luminaires

Special features

- » IK10 - withstands the impact of a baseball bat.
- » Suitable for high pressure/steam cleaning with hot water.
- » dustproof VDE/UL certified connection cable with Rubber sheathing, incl. stainless steel installation clamps for a professional installation

Areas of application

- » Stables in the livestock industry
- » Animal enclosures in zoos
- » Pedestrian underpasses
- » Covered bus stops
- » Underground garages | Carport | Bicycle parking spaces
- » Workshops | Technical rooms



120 cm stringing of 30 luminaires possible

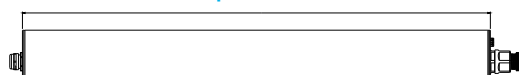
150 cm stringing of 21 luminaires possible

LED LINEAR LIGHT HP IP69K | shockproof



114654
114655

114654 | 114655 - 1200 mm
114656 | 114657 - 1500 mm



ø70mm



Item.No.	Length	Kelvin		Lumen	Protection class	Watt	IK Value
114654	1200 mm	4000		4600	IP69K	35	IK10
114655	1200 mm	5000		4800	IP69K	35	IK10
114656	1500 mm	4000		6500	IP69K	50	IK10
114657	1500 mm	5000		6800	IP69K	50	IK10

114656
114657

LED BAR LIGHT

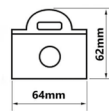
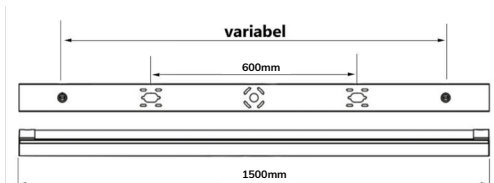
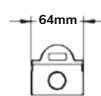
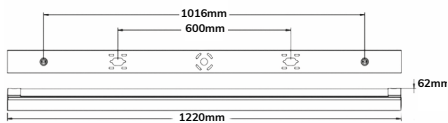
COLOR SWITCH | 40 WATT | IP20



COLOR SWITCH



Item.No.	Length	Kelvin	Lumen	Protection class	Watt	IK Value
114571	1220	3000 4000 6000	4700	IP20	40	-
NEW						
115481	1500	3000 4000 6000	4700	IP20	40,5	-



Easy and quick installation

Our new two-part bar light with its excellent price/performance ratio and variable mounting options is suitable for a wide range of applications.

The luminaire unit with its durable, rigid circuit board and diffuse cover can be removed after loosening the crash protection. For installation, the fuse and the plug connection to the integrated driver can be detached easily.

The **COLOR SWITCH Technology** inside the luminaire offers a simple selection between the three color temperatures warm white with 3000 K, neutral white with 4000 K as well as cool white with 6000 K and can therefore be individually adjusted at the point of use according to the wishes of the customer or the environment.

The mounting bar of the luminaire has a large number of pre-

punched holes for variable screwing to the ceiling. Power can be supplied from the rear or the side.

A 3-pole spring-loaded plug-in terminal with two contacts each enables a quick installation and practical through- and rewiring.

The light is completely flicker-free and thus enables fatigue-free and safe working.

LED LINEAR LIGHTS

WITH 36 W AND 42 W | 130 AND 160
CM | 4.000 AND 2.700 K

**FOOD
SAFE**

IP65



+ Up to 23 luminaires
strung together

+ 1.000 Watt without ad-
ditional parallel power
infeed

+ Class II luminaires with
sealed cable entry

Motion detector

- » HF motion detector reacts to any movement within a radius of 10m (adjustable from 25%-100%)
- » Optimal mounting height between 2.5 and 3.5 meters
- » 360° angle of detection in the direction of the front of the luminaire
- » Adjustable on-time after motion detection between 5 seconds and 5 minutes
- » Daylight sensitivity adjustable to 2lx, 10lx, 50lx or deactivated



Motion detector
114652 | 114653



LED LINEAR LUMINAIRE

IP65 | shockproof **A** **E**

112704

112705



Motion detector

114652



113092

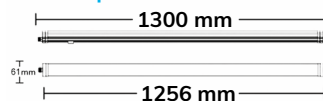


Motion detector

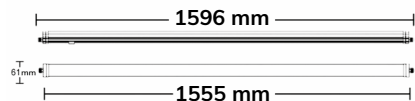
114653

2-pole, neutral white protection class II linear luminaire incl. stainless steel mounting brackets, through-wired with luster terminal below the end caps screwed on both sides with clamping gland and sealing plug

112704 | 112705



113092



Item.No.	Length	Kelvin		Lumen	Protection class	Watt	IK Value
112704	1300 mm	4000		4000	IP65	36	08
112705	1300 mm	2700		3700	IP65	36	08
113092	1600 mm	4000		5000	IP65	42	08
114652	1300 m	4000		4000	IP65	36	08
114653	1600 mm	4000		5000	IP65	45	08

ACCESSORIES



Mounting bracket
2 pieces 112706



**Suspension
accessory**
112707



Installation clips 2x-Set
INSTALLATION CLIP
114059

LED LINEAR LIGHTS PROFESSIONAL

FROM 35 TO 60 W | 150 CM | 4.000 K

FOOD
SAFE

IP66



5
YEAR
GUARANTEE



Up to 25 luminaires
strung together



Plug-in/screw termi-
nals on both sides,
through-wired



Simple and quick instal-
lation with click-system
(incl. Accessories)



Fields of application | IN- & OUTDOOR

The LED linear lights PROFESSIONAL of protection class IP66 are designed for:

- » Underground garages
- » Carports
- » Open storage halls and parking spaces (roofed)
- » Operating and workshops
- » Technical and supply rooms
- » Corridors and connecting corridors

LED LINEAR LIGHT PROFESSIONAL

IP66 | shockproof



113563
113564



3-pole through-wired Linear light incl. installation clamps, plug-in terminals on both sides with 6 pin cable lugs for quick installation and gag nipples for sheathed cables

Item.No.	Length	Kelvin	Lumen	Protection class	Watt	IK Value
113563	1500	4000	5800	IP66	40	10
113564	1500	4000	8400	IP66	60	10



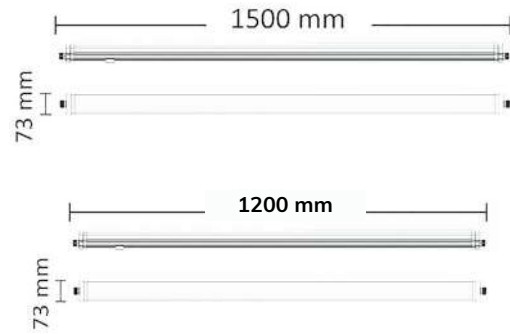
113565



**EMERGENCY LIGHT
FUNCTION WITH
BATTERY PACK**

5-pole through-wired Linear light (L, N, PE + 2 closing contacts for switching the light on and off) incl. screw clamps, installation material and integrated rechargeable battery which is activated for at least 3 hours if the power supply fails. The luminaire is suitable for use as emergency lighting in underground car parks etc. in accordance with EN 60598-2-22:2015.

Item.No.	Length	Kelvin	Lumen	Protection class	Watt	IK Value
113565	1500	4000	5800	IP66	40	10



B

115150



3-pole through-wired linear light incl. stainless steel mounting brackets, spring clips on both sides for quick installation

Item.No.	Length	Kelvin	Lumen	Protection class	Watt	IK Value
115150	1200	4000	5500	IP66	35	10
115151	1500	4000	6700	IP66	45	10

C

115151



DALI-DIM-MABLE

C

115152



5-pole through-wired linear light. DALI-dimmable incl. stainless steel mounting brackets, spring clips on both sides for quick installation.

Item.No.	Length	Kelvin	Lumen	Protection class	Watt	IK Value
115152	1200	4000	5500	IP66	40	10
115153	1500	4000	8400	IP66	60	10

D

115153



LED DIFFUSER LUMINAIRES

COLOR SWITCH | POWER SWITCH

FOOD
SAFE

IP65

5
YEAR
GUARANTEE

COLOR SWITCH



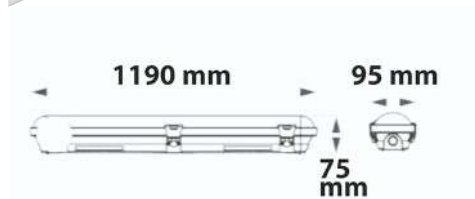
Symbol image

POWER
Switch

LED DIFFUSER LUMINAIRES

Color switch | Power switch

High-quality diffuser luminaires with stainless steel clamps incl. fixing material, connection possibility at the side or at the back and 5-pole spring clamp with two contacts each for practical wiring and further wiring. The possibility to select the color temperature and control the power consumption allows an individual adaptation to the customer's requirements and the range of applications.



PIN1	PIN2	Power	3000 K	4000 K	5000 K
OFF	OFF	25 W	3350 lm	3500 lm	3625 lm
OFF	ON	30 W	4050 lm	4200 lm	4350 lm
ON	OFF	35 W	4700 lm	4900 lm	5075 lm
ON	ON	40 W	5400 lm	5650 lm	5800 lm

Item.No.	Length	Kelvin	Lumen	Protection class	Watt	IK Value
114149	1190	3000 4000 5000	3350- 5800	IP65	25- 40	08

PIN1	PIN2	Power	3000 K	4000 K	5000 K
OFF	OFF	35 W	4700 lm	4900 lm	5075 lm
OFF	ON	44 W	5950 lm	6200 lm	6380 lm
ON	OFF	53 W	7150 lm	7450 lm	7685 lm
ON	ON	60 W	8100 lm	8450 lm	8700 lm

Item.No.	Length	Kelvin	Lumen	Protection class	Watt	IK Value
114150	1490	3000 4000 5000	4700- 8700	IP65	35- 60	08

POWER SWITCH

With LED diffuser luminaires employing **POWER SWITCH**

technology, the power consumption can be limited. This saves energy costs and reduces the light power.

Note: Only operate the dip switch to change the power consumption when the LED light is switched off.



POWER SWITCH

LED SURFACE AND UNDER-CABINET LUMINAIRE

**FOOD
SAFE**



COLOR SWITCH



**A
1
G** **E**

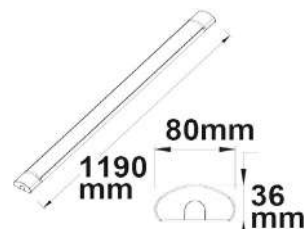
114064

Versatile luminaire for kitchens, workshops and storage rooms with individual color temperature selection. The lamp is supplied with a 3-pole 50cm long connection cable including Wago 221-413 spring clamp. Connection possibility at the side or at the back.



114065

**A
1
G** **E**



Item.No.	Length	Kelvin	Lumen	Protection class	Watt	IK Value
114064	590	3000 3500 4000	2000	IP42	20	08
114065	1190	3000 3500 4000	4000	IP42	40	08

COLOR SWITCH

The luminaires shown here are based on **COLOR SWITCH**

technology. This means that with these items, three different color temperatures can be chosen by actuating the dip-switch scbracket.

Note: To change the color temperature, only operate the dip-switch when the LED light is switched off.



**COLOR
SWITCH**

LED DIFFUSER LUMINAIRE

POWER SWITCH

POWER
Switch

NEW

Universal diffuser luminaires with adjustable power and shock and impact resistant polycarbonate diffuser (IK08). 3-pole through-wireable. incl. Stainless steel locking clamps and mounting brackets.

IP65

5
YEAR
GUARANTEE

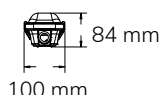
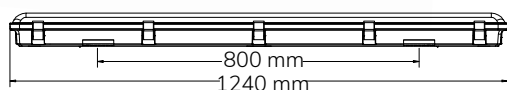


LED DIFFUSER LUMINAIRES

Power switch



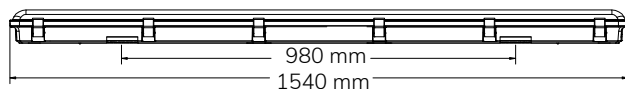
Item.No.	Length	Kelvin	Lumen	Protection class	Power	IK Value
115643	1240	4000	4800	IP65	22 - 40	08
115644	1240	6000	4800	IP65	22 - 40	08



PIN1	PIN2	Watt	Lumen
OFF	OFF	22,0 W	2740
OFF	ON	27,5 W	3430
ON	OFF	33,0 W	4110
ON	ON	38,5 W	4800



Item.No.	Length	Kelvin	Lumen	Protection class	Power	IK Value
115641	1540	4000	7200	IP65	33 - 60	08
115642	1540	6000	7200	IP65	33 - 60	08



PIN1	PIN2	Watt	Lumen
OFF	OFF	33,0 W	4130
OFF	ON	41,0 W	5130
ON	OFF	49,4 W	6180
ON	ON	57,6 W	7200

POWER SWITCH

With LED diffuser luminaires employing **POWER SWITCH**

technology, the power consumption can be limited. This saves energy costs and reduces the light power.

Note: Only operate the dip switch to change the power consumption when the LED light is switched off.



POWER
SWITCH

LED DIFFUSER LUMINAIRES ATEX II

IP66

5
YEAR
GUARANTEE



NEW

LED DIFFUSER LUMINAIRES

ATEX II



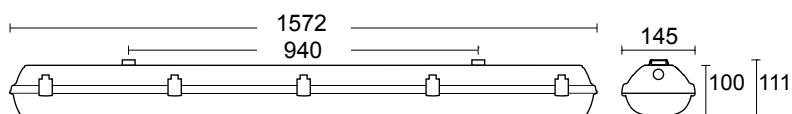
The luminaire is suitable for environments where there is a risk of explosion of gas, dust and flammable vapors. The luminaire is resistant to dust, moisture and splashing water. The polycarbonate housing and diffuser are shock and impact resistant (IK10). The luminaire meets the requirements of the EN 2014/34/EU directive.

3G Ex nR IIC T6 Gc | II 3D Ex tc IIIC T70°C Dc



Item.No.	Length	Kelvin		Lumen	Protection class	Watt	IK Value
115764	1572	4000		7280	IP66	53	10
115765	1572	6000		7280	IP66	53	10

For hazardous areas of Group II, Category 3 (Zone2, 22).





Rail subway for pedestrians



Subway station entrance



Logistic terminal

Powerful with guaranteed long-term quality!

"Always a perfect service." We always get good solutions to all our questions."

Feedback from customer survey 2022

LED FLOODLIGHTS

CUSTOMISED LIGHT SOLUTIONS



PAGE 136

LED floodlights 2 year
guarantee



PAGE 138

LED floodlights 5 year
guarantee



PAGE 142

LED CCT floodlights



PAGE 142

LED RGB floodlights



PAGE 143

LED floodlights with motion
sensor

LED floodlights 2 year guarantee

LED FLOODLIGHTS



EARTH SPIKE

Aluminium anthracite for spotlight and floodlight

[113297](#)

IP65 | black

220-240 V AC | CRI80

Ambient temp. : -20° - 40° | 25,000 h L70|B10 Cable length: 1 m



10W

DIMENSIONS

L: 135 mm | W: 55 mm | H: 130 mm



COLD WHITE

Luminous flux: 800 Lm
Color temp: 6.500 K

[113359](#)



NEUTRAL WHITE

Luminous flux: 800 Lm
Color temp: 4.000 K

[113358](#)



WARM WHITE

Luminous flux: 800 Lm
Color temp: 3.000 K

[113357](#)

30W

DIMENSIONS

L: 207 mm | W: 61 mm | H: 190 mm



COLD WHITE

Luminous flux: 2.400 Lm
Color temp: 6.500 K

[113362](#)



NEUTRAL WHITE

Luminous flux: 2.400 Lm
Color temp: 4.000 K

[113361](#)



WARM WHITE

Luminous flux: 2.400 Lm
Color temp: 3.000 K

[113360](#)

50W

DIMENSIONS

L: 245 mm | W: 61 mm | H: 230 mm



COLD WHITE

Luminous flux: 4.000 Lm
Color temp: 6.500 K

[113365](#)



NEUTRAL WHITE

Luminous flux: 4.000 Lm
Color temp: 4.000 K

[113364](#)



WARM WHITE

Luminous flux: 4.000 Lm
Color temp: 3.000 K

[113363](#)



LED FLOODLIGHT PAD

NEW

2
YEAR
GUARANTEE

TÜV Rheinland



IP65 | White/Black

200-265 V AC | CRI82

Ambient temp. : -20° - 40° 35,000 h L70|B10

Cable length: 300 mm - 10W

1.000 mm - 30/50/100W

White

Black

10W

DIMENSIONS

L: 120 mm | W: 90 mm | H: 30 mm



NEUTRAL WHITE

Luminous flux: 1.150 Lm
Color temp: 4.000 K

115107



WARM WHITE

Luminous flux: 1.020 Lm
Color temp: 3.000 K

115106

30W

DIMENSIONS

L: 195 mm | W: 140 mm | H: 35 mm



NEUTRAL WHITE

Luminous flux: 3.120 Lm
Color temp: 4.000 K

115109



WARM WHITE

Luminous flux: 3.020 Lm
Color temp: 3.000 K

115108

50W

DIMENSIONS

L: 235 mm | W: 165 mm | H: 35 mm



NEUTRAL WHITE

Luminous flux: 5.600 Lm
Color temp: 4.000 K

115111



WARM WHITE

Luminous flux: 4.870 Lm
Color temp: 3.000 K

115110

100W

DIMENSIONS

L: 300 mm | W: 220 mm | H: 130 mm



CCT

Luminous flux: 10.500 Lm
Color temp: 3.000 - 6.000 K

incl. Radio remote control



115112



CCT

Luminous flux: 10.500 Lm
Color temp: 3.000 - 6.000 K

incl. Radio remote control



115113

LED floodlights 5 year guarantee



LED FLOODLIGHT PRISMATIC



IP66 | anthracite

100-240 V AC | CRI83
Ambient temp.: -20° - 40° 50,000 h
L70|B10 Cable length: 440 mm

REPLACEMENT GLASS

LED floodlight prismatic

20W [113585](#)
50W [113586](#)
100W [113587](#)



EARTH SPIKE

Aluminium anthracite for spotlight and floodlight

[113297](#)



20W

DIMENSIONS

L: 175 mm | W: 156 mm | H: 60 mm



COLD WHITE

Luminous flux: 2.550 Lm
Color temp: 6.000 K

[113582](#)



NEUTRAL WHITE

Luminous flux: 2.500 Lm
Color temp: 4.000 K

[114154](#)



WARM WHITE

Luminous flux: 2.450 Lm
Color temp: 3.000 K

[113581](#)



50W

DIMENSIONS

L: 235 mm | W: 200 mm | H: 67 mm



COLD WHITE

Luminous flux: 7.000 Lm
Color temp: 6.000 K

[113584](#)



NEUTRAL WHITE

Luminous flux: 6.850 Lm
Color temp: 4.000 K

[114155](#)



WARM WHITE

Luminous flux: 6.750 Lm
Color temp: 3.000 K

[113583](#)



100W

DIMENSIONS

L: 370 mm | W: 290 mm | H: 95 mm



COLD WHITE

Luminous flux: 13.500 Lm
Color temp: 6.000 K

[113580](#)



NEUTRAL WHITE

Luminous flux: 13.000 Lm
Color temp: 4.200 K

[112983](#)



WARM WHITE

Luminous flux: 12.000 Lm
Color temp: 3.000 K

[112982](#)

LED FLOODLIGHT SMD 9



IP65 | black

220-240 V AC | CRI85

Ambient temp. : -20° - 40° 50.000 h

L70|B10 | 1-10V dimmable

Cable length : 150 mm



150W

DIMENSIONS

L: 384 mm | W: 280 mm | H: 110 mm



COLD WHITE

Luminous flux: 17.000 Lm
Color temp: 5.700 K

113921



NEUTRAL WHITE

Luminous flux: 17.000Lm
Color temp: 4.000 K

113920

200W

DIMENSIONS

L: 437 mm | W: 320 mm | H: 126 mm



COLD WHITE

Luminous flux: 25.500 Lm
Color temp: 5.700 K

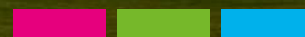
113923



NEUTRAL WHITE

Luminous flux: 25.500 Lm
Color temp: 4.000 K

113922



LED FLOODLIGHT/HIGHBAY LUMINAIRE



IP65 | black

100-240 V AC | CRI80

Ambient temp. : -20° - 40° 50.000 h

L70|B10 | 1-10V dimmable

Cable length : 200 mm



2x 50W

DIMENSIONS

L: 278 mm | W: 134.8 mm | H: 90 mm



COLD WHITE

Luminous flux: 13.000 Lm
Color temp: 6.500 K

113750



NEUTRAL WHITE

Luminous flux: 12.800 Lm
Color temp: 4.000 K

113747

3x 50W

DIMENSIONS

L: 278 mm | W: 134.8 mm | H: 90 mm



COLD WHITE

Luminous flux: 19.500 Lm
Color temp: 6.500 K

113751



NEUTRAL WHITE

Luminous flux: 19.200 Lm
Color temp: 4.000 K

113748

4x 50W

DIMENSIONS

L: 278 mm | W: 134.8 mm | H: 90 mm



COLD WHITE

Luminous flux: 26.000 Lm
Color temp: 6.500 K

113752



NEUTRAL WHITE

Luminous flux: 25.600 Lm
Color temp: 4.000 K

113749

LED FLOODLIGHT HEQ

NEW

5
YEAR
GUARANTEE



IP65 | black

100-240 V AC | CRI80

Ambient temp. : -20° - 40° 35.000 h

L70|B10 Cable length: 1 m



A T G D

50W

DIMENSIONS

L: 160 mm | W: 46 mm | H: 266 mm

NEUTRAL WHITE

Luminous flux: 7.000 Lm
Luminous flux: 6.700 Lm
Color temp: 4.000 K

110° **115092**

30° **115093**

COLD WHITE

Luminous flux: 7.050 Lm
Luminous flux: 6.750 Lm
Color temp: 5.700 K

110° **115098**

30° **115099**

100W

DIMENSIONS

L: 231 mm | W: 53 mm | H: 313 mm

NEUTRAL WHITE

Luminous flux: 14.500 Lm
Luminous flux: 13.500 Lm
Color temp: 4.000 K **A T G C** Color temp: 4.000 K **A T G D**

110° **115094**

30° **115095**

COLD WHITE

A T G D

Luminous flux: 14.150 Lm
Luminous flux: 13.550 Lm
Color temp: 5.700 K

110° **115100**

30° **115101**

A T G D

240W

DIMENSIONS

L: 294 mm | W: 62 mm | H: 446 mm

NEUTRAL WHITE

Luminous flux: 33.600 Lm
Luminous flux: 32.800 Lm
Color temp: 4.000 K

110° **115096**

30° **115097**

COLD WHITE

Luminous flux: 33.650 Lm
Luminous flux: 32.850 Lm
Color temp: 5.700 K

110° **115102**

30° **115103**

LED CCT floodlights



NEW

100W



A T G E

100W

DIMENSIONS

L: 300 mm | W: 220 mm | H: 57 mm



CCT

Luminous flux: 10.500 Lm

Color temp: 3.000 - 6.000 K

incl. Radio remote control



115112



115113



IP65 | White/Black

200-265 V AC | CRI82

Ambient temp.: -20° - 40° 35.000 h

L70|B10 Cable length: 1 m

EARTH SPIKE

Aluminium anthracite for spotlight and floodlight

113297



LED RGB floodlights



10W



30W

A T G G

10W

DIMENSIONS

L: 130 mm | W: 110 mm | H: 57 mm



RGB

incl. Radio remote control

113705

30W

IP65 | black

100-240 V AC | CRI85

Ambient temp.: -20° - 40° 30.000 h

L70|B10 Cable length: 470 mm

EARTH SPIKE

Aluminium anthracite for spotlight and floodlight

113297



DIMENSIONS

L: 192 mm | W: 171 mm | H: 65 mm



RGB

incl. Radio remote control

113706

LED floodlights with motion sensor



IP65 | black

200-265 V AC | CRI80

Ambient temp. : -20° - 40° 25.000 h

L70|B10 Cable length: 300 mm



A
T
G

30W

DIMENSIONS

L: 193 mm | W: 138 mm | H: 20 mm



NEUTRAL WHITE

Luminous flux: 2.800 Lm

Color temp: 4.000 K

114032

A
T
G

30W

DIMENSIONS

L: 193 mm | W: 138 mm | H: 20 mm



WARM WHITE

Luminous flux: 2.700 Lm

Color temp: 3.000 K

114033



**MORE IN
OUR CATALOG
ON PAGE 500**



Twilight switch

115798



Twilight switch

115799



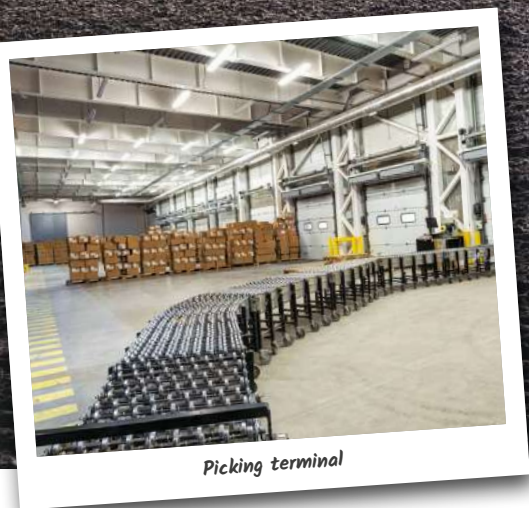
PIR motion detector

115800



PIR motion detector

115801



Picking terminal



Cowshed/Riding stable



Logistic center

Significant cost reduction and rapid amortisation with appropriate light quality

"Excellent handling of every request/order, even if it's a smaller one."

"Short response/processing times, top delivery/shipping times."

Feedback from customer survey 2022

LED Highbay LUMINAIRES

CUSTOMISED LIGHT SOLUTIONS



PAGE 147

LED Highbay luminaire
TOQ 85 ° C



PAGE 149

LED Highbay luminaires
series FL



PAGE 153

LED Highbay luminaires
series MS



PAGE 157

LED Highbay luminaires series SK



PAGE 161

LED Highbay luminaires series LN



**GOOD
TO
KNOW**

TOQ = Temperature Optimised Quality

The electronics are designed for 24/7 continuous operation - even at high ambient temperatures (up to 85 °C). Spotlights with this marking are ideally suited for permanently high temperatures.

LED Highbay LUMINAIRES

LED Highbay luminaires

TOQ 85 ° C



LED Highbay Luminaire TOQ 85 ° C

78/120 WATT | UP TO 110 LM/W | IP65

○ Neutral white

○ Cold white

**MOUNTING BRACKET**adjustable for TOQ 85 ° C,
swiveling 180 ° | D: 289 mm
115149**3 YEARS**
GUARANTEE**A T G E**

80 WATT | IP65

200 - 240 V AC | 9.000 LUMEN

Active power: 78 W | CRI 80 | Ambient temp.: -35°C to +85°C | 50.000 h L70|B10 | Driver on Board | 10kV overvoltage protection

**120°****COLD WHITE | 6.000 K**

H: 123.5 mm | D: Ø 400 mm

115146**120°****NEUTRAL WHITE | 4.000 K**

H: 123.5 mm | D: Ø 400 mm

115145**A T G D**

120 WATT | IP65

200 - 240 V AC | 13,200 LUMENS

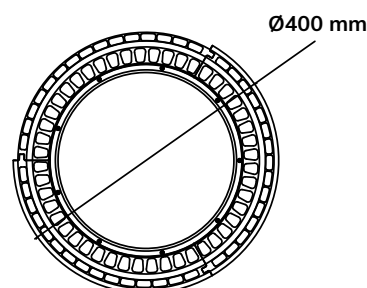
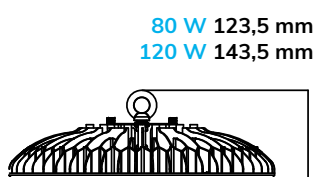
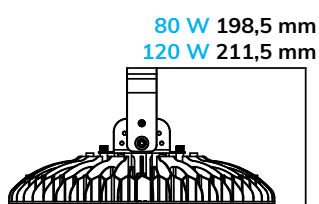
Active power: 120 W | CRI 80 | Ambient temp.: -35°C to +85°C | 50.000 h L70|B10 | Driver on Board | 10kV overvoltage protection

**120°****COLD WHITE | 6.000 K**

H: 145 mm | D: Ø 400 mm

115148**120°****NEUTRAL WHITE | 4.000 K**

H: 143.5 mm | D: Ø 400 mm

115147

LED Highbay LUMINAIRES

LED Highbay luminaires series FL



LED Highbay Luminaire FL

120/200 WATT | UP TO 150 LM/W

○ Neutral white

○ Cold white

Conversion with 60° or 90° lenses
AFTERWARDS possible!

60° | 90° | 120°

ADDITIONALLY POSSIBLE WITH:

PC reflector 70° [113377](#)

Screen for PC-Reflector [113498](#)



60° | 90° | 120°

WITH LENSES



70°

PC-REFLECTOR



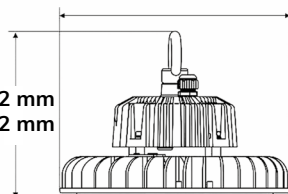
80°

ALU-REFLECTOR



120 W Ø240 mm
200 W Ø280 mm

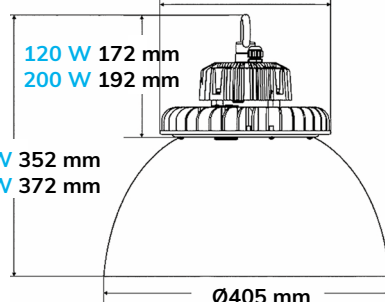
120 W 172 mm
200 W 192 mm



120 W Ø240 mm
200 W Ø280 mm

120 W 172 mm
200 W 192 mm

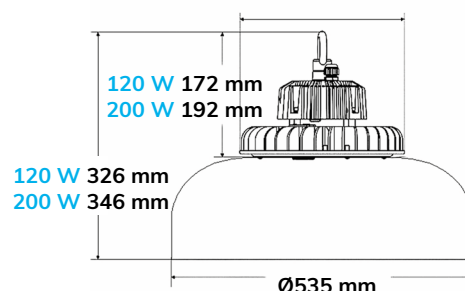
120 W 352 mm
200 W 372 mm



120 W Ø240 mm
200 W Ø280 mm

120 W 172 mm
200 W 192 mm

120 W 326 mm
200 W 346 mm





120 WATT | IP65

230 V AC | 18.000 LUMEN

Active power: 123 W | CRI 80 | Ambient temp.: -20°C to +40°C | 50.000 h L70|B10 | incl. external transformer



5 YEARS
GUARANTEE



60° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K
H: 172 mm | D: Ø 240 mm
113731



60° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K
H: 172 mm | D: Ø 240 mm
113729

70° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K
H. total: 352 mm | H. light: 172 mm
D. total: Ø 405 mm | D. light: Ø 240 mm
113735

70° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K
H. total: 352 mm | H. light: 172 mm
D. total: Ø 405 mm | D. light: Ø 240 mm
113733

80° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K
H. total: 326 mm | H. light: 172 mm
D. total: Ø 535 mm | D. light: Ø 240 mm
113736

80° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K
H. total: 326 mm | H. light: 172 mm
D. total: Ø 535 mm | D. light: Ø 240 mm
113734

90° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K
H: 172 mm | D: Ø 240 mm
113732

90° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K
H: 172 mm | D: Ø 240 mm
113730

120° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K
H: 172 mm | D: Ø 240 mm
113728

120° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K
H: 172 mm | D: Ø 240 mm
113727



200 WATT | IP65

230 V AC | 28.000 LUMEN

Active power: 203 W | CRI 80 | Ambient temp. : -20°C to +40°C | 50.000 h L70|B10 | incl. external transformer



5 YEARS
GUARANTEE



60° 1-10 V DIMMABLE
DALI-DIMMABLE



COLD WHITE | 5.700 K

H: 192 mm | D: Ø 280 mm

1-10 V DIMMABLE | [113449](#)

DALI-DIMMABLE | [113539](#)

60°

1-10 V DIMMABLE
DALI-DIMMABLE



NEUTRAL WHITE | 4.000 K

H: 192 mm | D: Ø 280 mm

1-10 V DIMMABLE | [113447](#)

DALI-DIMMABLE | [113536](#)

70°

1-10 V DIMMABLE
DALI-DIMMABLE

COLD WHITE | 5.700 K

H. total: 352 mm | H. light: 192 mm

D. total: Ø 405 mm | D. light: Ø 280 mm

1-10 V DIMMABLE | [113453](#)

DALI-DIMMABLE | [113543](#)

70°

1-10 V DIMMABLE
DALI-DIMMABLE

NEUTRAL WHITE | 4.000 K

H. total: 352 mm | H. light: 192 mm

D. total: Ø 405 mm | D. light: Ø 280 mm

1-10 V DIMMABLE | [113451](#)

DALI-DIMMABLE | [113541](#)

80°

1-10 V DIMMABLE
DALI-DIMMABLE

COLD WHITE | 5.700 K

H. total: 255 mm | H. light: 192 mm

D. total: Ø 535 mm | D. light: Ø 280 mm

1-10 V DIMMABLE | [113454](#)

DALI-DIMMABLE | [113544](#)

80°

1-10 V DIMMABLE
DALI-DIMMABLE

NEUTRAL WHITE | 4.000 K

H. total: 255 mm | H. light: 192 mm

D. total: Ø 535 mm | D. light: Ø 280 mm

1-10 V DIMMABLE | [113452](#)

DALI-DIMMABLE | [113542](#)

90°

1-10 V DIMMABLE
DALI-DIMMABLE



COLD WHITE | 5.700 K

H: 192 mm | D: Ø 280 mm

1-10 V DIMMABLE | [113450](#)

DALI-DIMMABLE | [113540](#)

90°

1-10 V DIMMABLE
DALI-DIMMABLE



NEUTRAL WHITE | 4.000 K

H: 192 mm | D: Ø 280 mm

1-10 V DIMMABLE | [113448](#)

DALI-DIMMABLE | [113538](#)

120°

1-10 V DIMMABLE
DALI-DIMMABLE



COLD WHITE | 5.700 K

H: 192 mm | D: Ø 280 mm

1-10 V DIMMABLE | [113375](#)

DALI-DIMMABLE | [113533](#)

120°

1-10 V DIMMABLE
DALI-DIMMABLE



NEUTRAL WHITE | 4.000 K

H: 192 mm | D: Ø 280 mm

1-10 V DIMMABLE | [113374](#)

DALI-DIMMABLE | [113531](#)

LED Highbay LUMINAIRES

LED Highbay luminaires series MS



LED Highbay Luminaire MS

150/250 WATTS | 140 LM/W

☐ Neutral white

☐ Cold white



Available with motion sensor



MOTION SENSOR

[114201](#)

**REMOTE CONTROL FOR
MOTION SENSOR**

[114202](#)



150 WATT

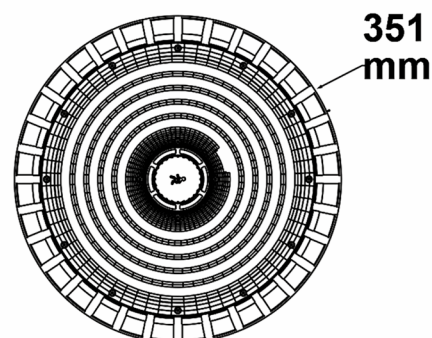
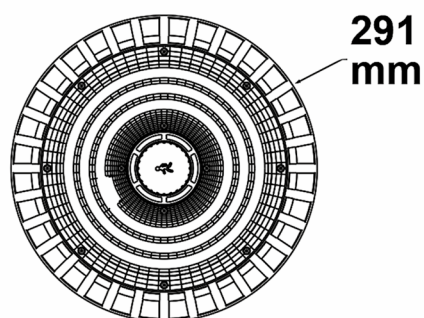
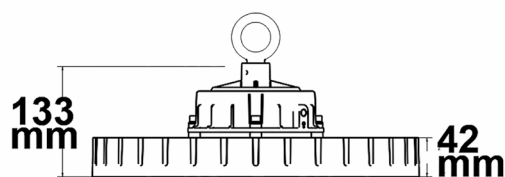
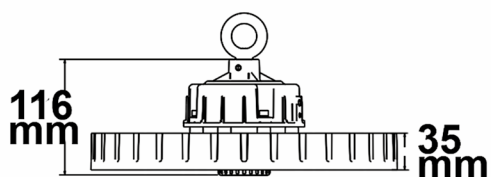
MOUNTING BRACKET

[114200](#)

250 WATT

MOUNTING BRACKET

[114397](#)





150 WATT | IP65

90-277 V AC | 21,200 LUMEN

Active power: 155 W | CRI 80 | Ambient temp. : -40°C to +50°C | 50.000 h L70|B10 | incl. external transformer



5 YEARS
GUARANTEE



90° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K

H: 116 mm | D: Ø 290 mm

114197



90° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

H: 116 mm | D: Ø 290 mm

114196



250 WATT | IP65

90-277 V AC | 35,500 LUMEN

Active power: 255 W | CRI 80 | Ambient temp. : -40° to +50° | 50.000 h L70|B10 | incl. external transformer



5 JAHRE
GARANTIE



90° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K

H: 133 mm | D: Ø 350 mm

114199



90° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

H: 133 mm | D: Ø 350 mm

114198



LED Highbay LUMINAIRES

LED Highbay luminaires linear

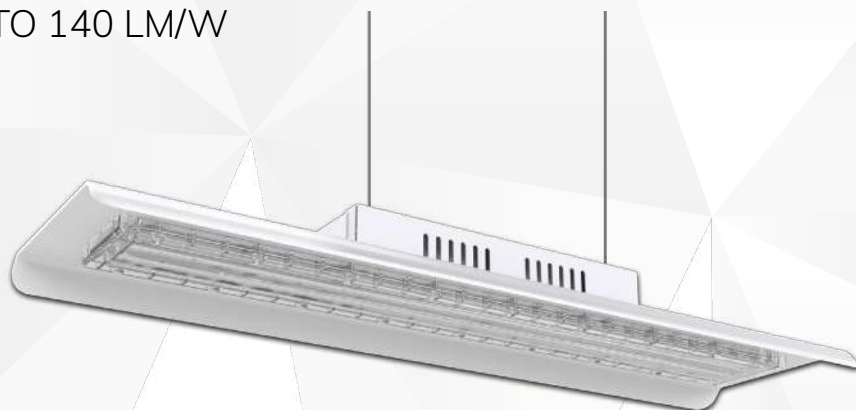


LED Highbay LUMINAIRES SK

100/150/250 WATT | UP TO 140 LM/W

☐ Neutral white

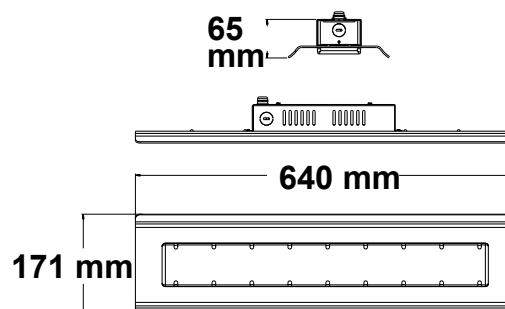
**ROPE SUSPENSION
INCLUDED IN
DELIVERY!**



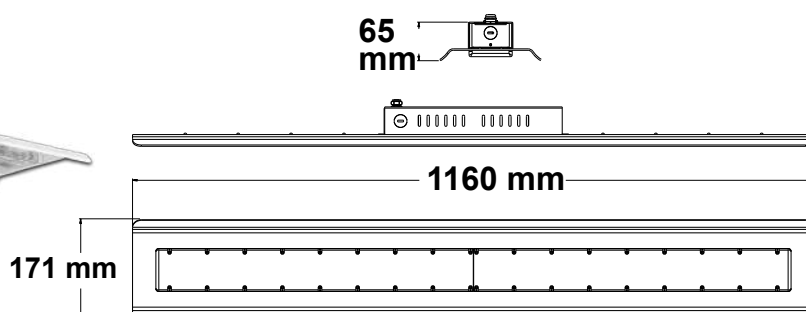
MOUNTING BRACKET
114350



100 WATT



150/240 WATT





100 WATT | IP65

100-277 V AC | 14,000 LUMEN

Active power: 102.5 W | CRI 81 | Ambient temp.: -40°C to +45°C | 60.000 h L70|B10 | incl. external transformer



5 YEARS
GUARANTEE



30 ° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

L: 640 mm | W: 171 mm | H: 65 mm

114355

60 ° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

L: 640 mm | W: 171 mm | H: 65 mm

114356

90° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

L: 640 mm | W: 171 mm | H: 65 mm

114354

120° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

L: 640 mm | W: 171 mm | H: 65 mm

114357



150 WATT | IP65

100-277 V AC | 22.000 LUMEN

Active power: 156 W | CRI 82 | Ambient temp.: -40°C to +45°C | 60.000 h L70|B10 | incl. external transformer



5 YEARS
GUARANTEE



30 ° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

L: 1160 mm | W: 171 mm | H: 65 mm

114204

60 ° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

L: 1160 mm | W: 171 mm | H: 65 mm

114205

90° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

L: 1160 mm | W: 171 mm | H: 65 mm

114203

120° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

L: 1160 mm | W: 171 mm | H: 65 mm

114206



240 WATT | IP65

100-277 V AC | 31.000 LUMEN

Active power: 243 W | CRI 81 | Ambient temp. : -40°C to +45°C | 60.000 h L70|B10 | incl. external transformer



5 YEARS
GUARANTEE



30° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

L: 1160 mm | W: 171 mm | H: 65 mm

114208

60° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

L: 1160 mm | W: 171 mm | H: 65 mm

114209

90° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

L: 1160 mm | W: 171 mm | H: 65 mm

114207

120° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

L: 1160 mm | W: 171 mm | H: 65 mm

114210



LED HIGHBAY LUMINAIRES

LED Highbay luminaires series LN

can be connected up to a power
of 600 W/64,000 lm

4x connector and 4 pieces 150 watt modules



100 watts Highbay luminaire LN



3 times 50 watts with 3x connector

LED Highbay LUMINAIRES LN

IP65 | 5 YEAR GUARANTEE

☐ Neutral white

☐ Cold white



Beam angle selectable



30°



60°



90°



30°*70°



80°*150°

can be connected up to a
power of 600 W/64,000 lm

4x connector and 4 pieces 150 watt modules

Accessories



**2X
CONNECTOR**
113389



**3X
CONNECTOR**
113390

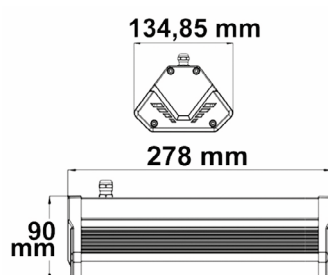


**4X
CONNECTOR**
113391

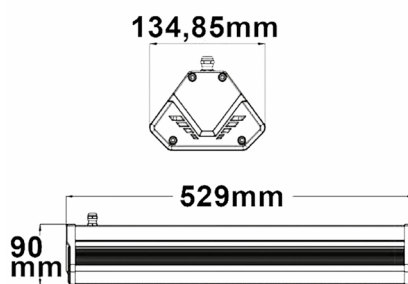


SUSPENSION
113388

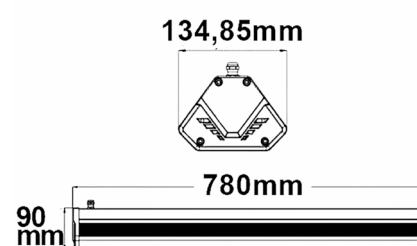
50 WATT



100 WATT



150 WATT



50 WATT | IP65

100-240 V AC

Active power: 52 W | CRI 80 | Ambient temp. : -20°C to +40°C | 50,000 h L70|B10



5 YEARS
GUARANTEE



30 ° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K

6.500 Lumen

L: 278 mm | B: 134 mm | H: 90 mm

113743



30 ° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

6.400 Lumen

L: 278 mm | B: 134 mm | H: 90 mm

113739

60 ° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K

6.500 Lumen

L: 278 mm | B: 134 mm | H: 90 mm

113744

60 ° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

6.400 lumen

L: 278 mm | W: 134.85 mm | H: 90 mm

113740

90° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K

6.500 Lumen

L: 278 mm | B: 134 mm | H: 90 mm

113745

90° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

6.400 Lumen

L: 278 mm | B: 134 mm | H: 90 mm

113741

30°*70° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K

6.500 Lumen

L: 278 mm | B: 134mm | H: 90 mm

113738

30°*70° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

6.400 Lumen

L: 278 mm | W: 134.85 mm | H: 90 mm

113737

80°*150° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K

6.500 Lumen

L: 278 mm | B: 134 mm | H: 90 mm

113746

80°*150° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K

6.400 Lumen

L: 278 mm | B: 134 mm | H: 90 mm

113742



100 WATT | IP65

100-240 V AC

Active power: 100 W | CRI 80 | Ambient temp. : -20°C to +40°C | 50,000 h L70|B10



5 YEARS
GUARANTEE



30° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K
11.800 Lumen

L: 529 mm | B: 134 mm | H: 90 mm

113412



30° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K
11.700 Lumen

L: 529 mm | B: 134 mm | H: 90 mm

113407

60° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K
11.800 Lumen

L: 529 mm | B: 134 mm | H: 90 mm

113413

60° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K
11.700 Lumen

L: 529 mm | W: 134.85 mm | H: 90 mm

113408

90° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K
11.800 Lumen

L: 529 mm | B: 134 mm | H: 90 mm

113414

90° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K
11.700 Lumen

L: 529 mm | B: 134 mm | H: 90 mm

113409

30°*70° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K
11.800 Lumen

L: 529 mm | B: 134 mm | H: 90 mm

113415

30°*70° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K
11.700 Lumen

L: 529 mm | B: 134 mm | H: 90 mm

113410

80°*150° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K
11.800 Lumen

L: 529 mm | B: 134 mm | H: 90 mm

113416

80°*150° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K
11.700 Lumen

L: 529 mm | B: 134 mm | H: 90 mm

113411





150 WATT | IP65

100-240 V AC

Active power: 148 W | CRI 80 | Ambient temp. : -20°C to +40°C | 50,000 h L70|B10



5 YEARS
GUARANTEE



30 ° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K
17.000 lumen

L: 780 mm | B: 134 mm | H: 90 mm

113383



30 ° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K
16.000 lumen

L: 780 mm | B: 134 mm | H: 90 mm

113378

60 ° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K
17.000 lumen

L: 780 mm | B: 134 mm | H: 90 mm

113384

60 ° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K
16.000 lumen

L: 780 mm | B: 134 mm | H: 90 mm

113379

90° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K
17.000 lumen

L: 780 mm | B: 134 mm | H: 90 mm

113385

90° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K
16.000 lumen

L: 780 mm | W: 134.85 mm | H: 90 mm

113380

30°*70° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K
17.000 lumen

L: 780 mm | B: 134 mm | H: 90 mm

113386

30°*70° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K
16.000 lumen

L: 780 mm | B: 134 mm | H: 90 mm

113381

80°*150° | 1-10 V DIMMABLE
COLD WHITE | 5.700 K
17.000 lumen

L: 860 mm | B: 220mm | H: 170 mm

113387

80°*150° | 1-10 V DIMMABLE
NEUTRAL WHITE | 4.000 K
16.000 lumen

L: 780 mm | B: 134 mm | H: 90 mm

113382



For optimum visibility on roads, carparks, parking areas and pedestrian areas

"Their products are up to date and in the price average.
Fast delivery tops it all. Thank you very much."

Feedback from customer survey 2022

LED STREET / CAR PARK LIGHTING

CUSTOMISED LIGHT SOLUTIONS



NET PRICE ITEM

No further discount possible

LED Street Light GR

SEAMLESS curved lines
Individual functionality

 Warm white
  Neutral white

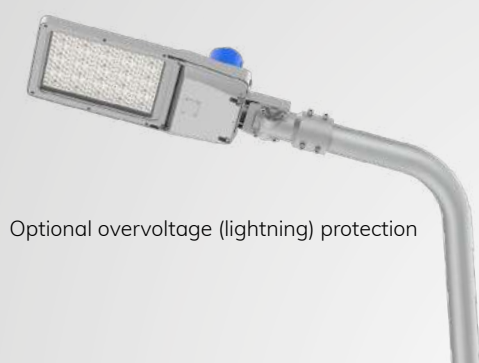
Integrated design with ADC12 die-cast aluminum and powder-coated finish ensures excellent exterior durability.

- » Motorways and main roads
- » bridges
- » roadways
- » Parks and green areas
- » Car parks

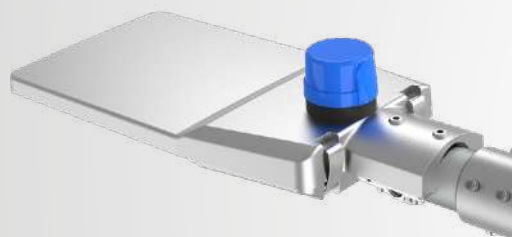


5 YEAR GUARANTEE

Project specific extension of the guarantee can be offered



Optional overvoltage (lightning) protection



Optional daylight sensor (on top)



tool-free opening

Item no.: 3.000 K GR30: [115086](#) | GR60: [115087](#) | GR100: [115088](#)
 4.000 K GR30: [115089](#) | GR60: [115090](#) | GR100: [115091](#)
 Remote control: [114600](#)
 Angle adapter GR100: [115084](#)

Grid frequency range:	100 - 277 V AC
Power consumption:	GR30: 30 W GR60: 60 W GR100: 100 W
Luminous flux:	GR30: 4,350 lm GR60: 8,700 lm GR100: 14,500 lm
Light output:	145 lm/W
Dimming:	1-10 V
Standard color temperature:	3.000 K 4.000 K
Optional color temperature:	3.000 - 6.500 K
CRI:	>70
Standard radiation:	Type III
Optional radiation:	Type IV / Type V
Lifespan:	>50,000 h L70 B10
Housing material:	Die-cast aluminum
Protection class:	IP65
Weight:	GR30: 2.65 kg GR60: 3.62 kg GR100: 4.43 kg
Conformity:	CE / UL / DLC / RoHS
Ambient temperature:	-40° to +50°C
Impact resistance:	IK08 to 5 joules
Electrical connection:	Screw terminal / Spring clip
Activation time:	1 second
Dimensions:	GR30: 440x230x130mm GR60: 560x260x130mm GR100: 560x330x140mm
Guarantee:	5 YEARS Project-specific extension of the guarantee can be offered



ANGLE ADAPTER

Inner diameter: 60 mm for
GR100 115088 and
GR100 115091

115084



ANGLE ADAPTER

NEW

Inner diameter: 45 mm for
GR30 and GR 60

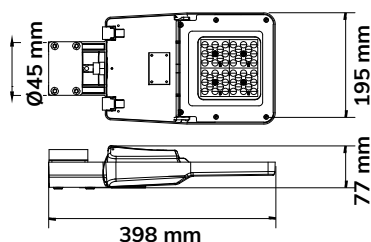
115795



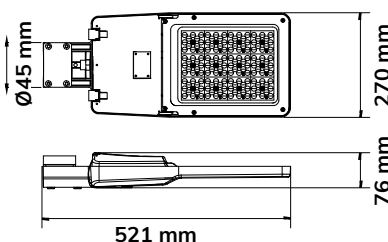
DAYLIGHT SENSOR

115085

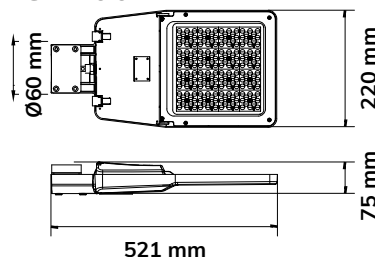
GR30



GR60



GR100



Luminous flux: GR30 – 14.500 lm |
GR60 – 14.500 lm | GR100 – 14.500 lm
up to 145 lm/W



Weatherproof IP66



Dimmable by 1-10V DC



3 different types of radiation matched to the ligh-
ting task- optionally Type III / Type IV (Standard) /
Type V



Light body made of high-quality
die-cast aluminium



Impact resistant protective screen – UP TO 5 JOULES
(tested in accordance with 60598-2-3, IK08)



Optional daylight sensor (on top)



Overvoltage (lightning) protection



Simple maintenance –
tool-free opening of the housing



5-year guarantee and project-specific
extension of the guarantee can be offered



Conformity: CE | ROHS | UL/cUL |
FCC | SAA | DLC

STANDARD

TYPE III

TYPE IV

TYPE V

Customer-specific project lighting solution We are here to advise you!

This item is available from stock in six standard designs. Optionally we can deliver this in different designs.

We look forward to your inquiry.

LED Street Light HE75 / HE115

VARIABLE SOLUTION | INDIVIDUAL FUNCTIONALITY

○ Neutral white

The LED Street Lights HE75 and HE115 enable an easy, fast and above all cost-effective entry or changeover to the latest LED lighting technology.

Ecological and economical energy efficiency with sustainable best lighting quality

- » Motorways and main roads
- » Local roads
- » Pedestrian and meeting zones
- » Car parks
- » Access roads to building complexes
- » Parks and green areas as well as avenues
- » Outdoor facilities in industry



Available with
daylight and motion detector



Optional overvoltage (lightning) protection



Optional daylight sensor (on top)



Optional daylight and motion sensor on the bottom



tool-free opening

Item no.: **HE75: 113765 | HE115: 113766**
Daylight and motion detector:
HE75: 114599 | HE115: 114598

Grid frequency range: 100 - 277 V AC
Power consumption: **HE75: 75 W | HE115: 115 W**
Luminous flux: **HE75: 10,870 lm | HE115: 18,900 lm**

Integrated driver with programming interface:
Reduction of the light absorption (and light output) possible on request

Light output: **HE75 145 lm/W | HE115 165 lm/W**
Dimming: by 1-10V DC or PWM control signal
Standard color temperature: 4.000 K
Optional color temperature: 3.000 - 6.500 K

CRI: >80
Standard radiation: Type III
Optional radiation: Type IV / Type V
Lifespan: >50,000 h L70|B10

Housing material: Die-cast aluminium / plastic
Protection class: IP65

Weight: 5 Kg
Conformity: UL / cUL, DLC, FCC, SAA, CE, RoHS

Ambient temperature: -40°to + 50C
Impact resistance: IK08 to 5 joules

Electrical connection: Screw terminal / Spring clip
Activati on time: 1 second

Dimensions: **600 x 270 x 78 mm**

Guarantee: **5 YEARS** | Project-specific extension of the guarantee can be offered



Luminous flux: HE75 – 10,870 lm | HE115 – 18,900 lm | up to 165 lm/W

Lorem ipsum



Optional daylight sensor (on top)
Optional DALI dimmable



Weatherproof IP65



Optional 2 in 1 sensor for daylight and motion detection (on the bottom) available



Dimmable by 1-10V DC or PWM control signal



Optional overvoltage (lightning) protection



3 different types of radiation matched to the lighting task - optionally Type III / Type IV (Standard) / Type V



Extensive adapter and mounting accessories - suitable for mast and wall mounting



Integrated driver with programming interface



Simple maintenance – tool-free opening of the housing



Light body made of high-quality die-cast aluminium



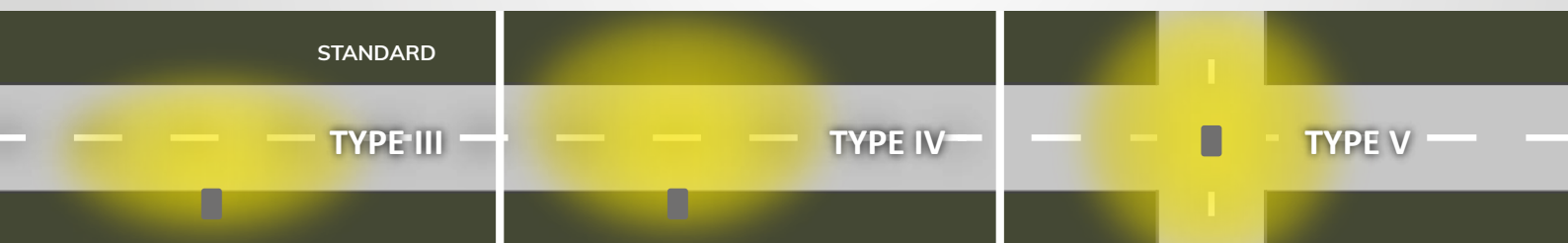
5-year guarantee and project-specific extension of the guarantee can be offered



Impact resistant protective screen – UP TO 5 JOULES (tested in accordance with 60598-2-3, IK08)



Conformity: CE | ROHS | UL/cUL | FCC | SAA | DLC



Customer-specific project lighting solution We are here to advise you!

This item is available from stock in two standard designs. Optionally we can deliver this in different designs.

We look forward to your inquiry.

Contact your competent LED professional from ISOLED® with confidence.



Top LED light quality for sports and leisure from planning to commissioning

“As a customer at ISOLED, you have the feeling that you always come first. Thanks to a competent office and field service, you feel well looked after at all times. “

Feedback from customer survey 2022

LED FLOOD LIGHT FOR SPORT AND LEISURE

CUSTOMISED LIGHT SOLUTIONS



PRODUCT
BOOKLET
AVAILABLE AS
DOWNLOAD OR
PRINT VERSION



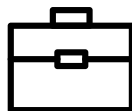
CONVERT NOW

ISOLED® not only offers high-quality and energy-efficient LED floodlighting systems, but is also always available to provide you with personal advice from the planning stage to the final acceptance of your project..



30 - 50% Subsidy

We inform you about possible subsidies in DE, AT and CH!



Project - Full - Service

We accompany you from the lighting calculation to the project completion and commissioning of your new LED lighting system.



Top LED light quality

Excellent, area-wide illumination with the floodlights from ISOLED®.



Standards and Photometric Basics
MORE DETAILS CAN BE FOUND ONLINE



Requirements
MORE DETAILS CAN BE FOUND ONLINE



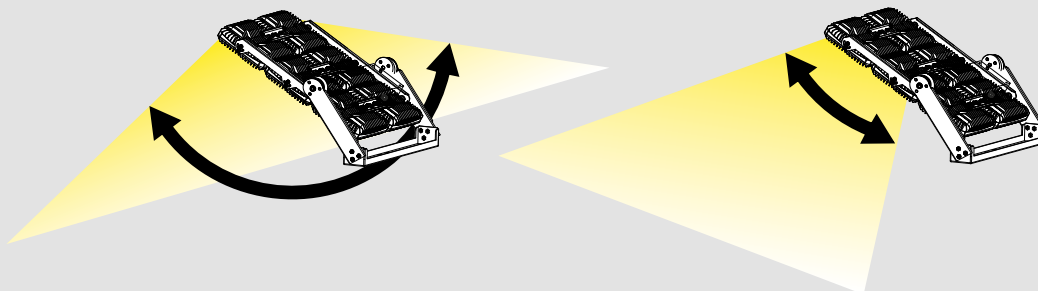
Subsidy
MORE DETAILS CAN BE FOUND ONLINE

ISOLED® FLOODLIGHT TOP LED LIGHT QUALITY

- High contrast color reproduction
- High longlife use
- Asynchronous beam angle- avoidance of stray light

beam angle on side: 130

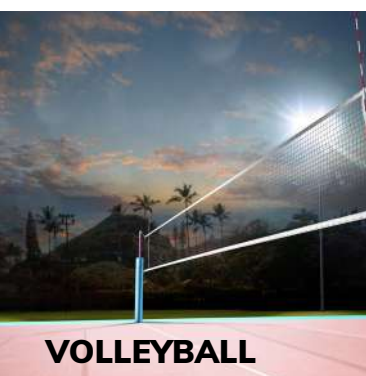
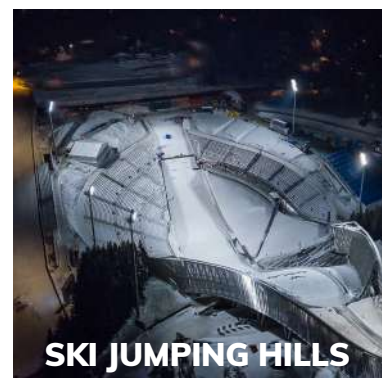
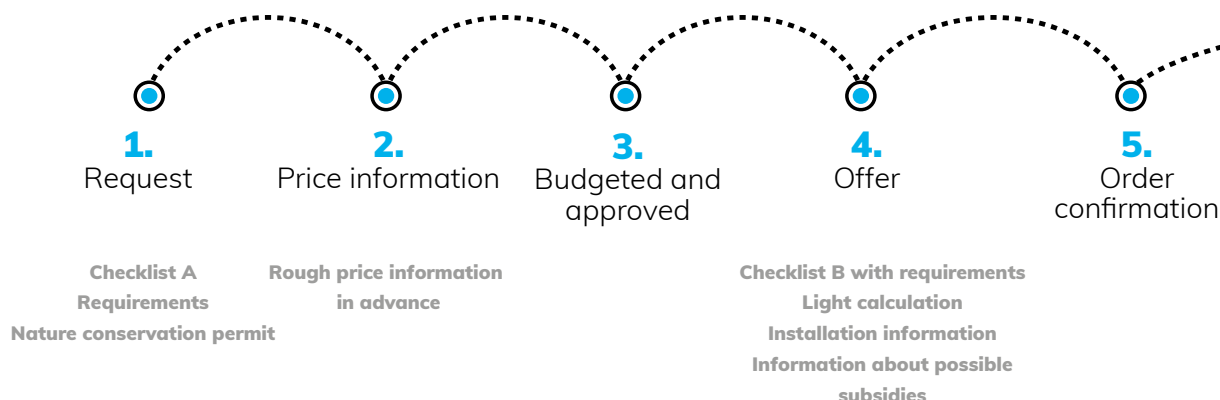
beam angle front: 25°/40



Longlife use up to
100.000 h

**5 YEARS
GUARANTEE**

WE REALISE YOUR PROJECT WITH YOU!



Project Full Service

We accompany you from the light calculation over the project completion up to the start-up of your new LED lighting system. These items are used for customised project lighting solutions.

WE ADVISE YOU

6.

Foundation empty pipework*

Foundation information

7.

Basic wiring by electrician*

You receive technical information for processing

8.

Delivery

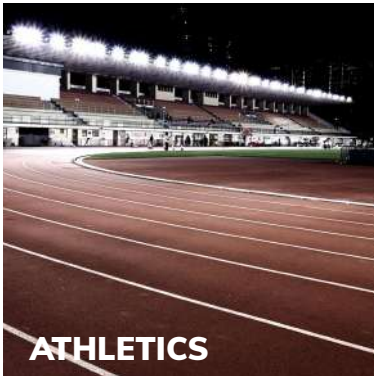
Floodlights & Masts

9.

Final assembly*

You will need an electrician on site for the installation, a construction company, possibly a structural engineer and a fitter for the installation of the floodlights on trusses (risers are required) Carrying out a lighting performance check

*We support you in this project step



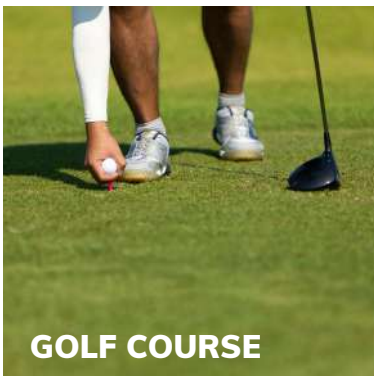
ATHLETICS



FIELD HOCKEY



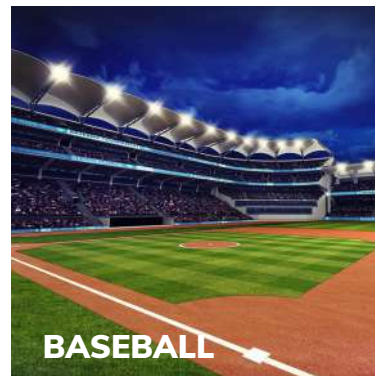
TENNIS OUTDOOR



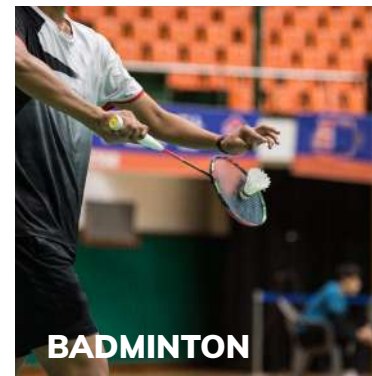
GOLF COURSE



CLIMBING HALL



BASEBALL



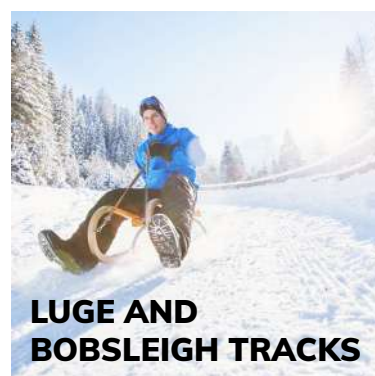
BADMINTON



INDOOR RIDING ARENA



RUGBY PITCH



LUGE AND BOBSLEIGH TRACKS



SPEEDSKATE ARENA

Sports fields and ski slopes

Outdoor & Indoor

Longlife use up to
100.000 h

**5 YEARS
GUARANTEE**

Requirements

Top LED light quality for sports and leisure

Dynamics, speed, different game situations, rapidly changing slope conditions, the individual visual performance of the athletes and much more place special demands on optimal LED lighting.

Athletes need to be able to get used to the light in their environment very quickly. They need sufficient illuminance (lux) on the surface they play on or ride on in order to be able to practice their sport successfully and, above all, as injury-free as possible.

The operator of the sports facility or ski slope defines the lighting class of the LED lighting solutions to be installed, which must be achieved due to the sports operation.



HIGH CONTRAST COLOR
REPRODUCTION



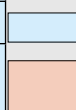
HIGH QUALITY OF LIGHT



EXCELLENT, AREA-WIDE
ILLUMINATION OF THE
PLAYING FIELD (MINIMUM LIGHT
SCATTERING LOSSES)



LEVEL OF COMPETITION	LIGHTING CLASS		
	I	II	III
International/National	X		
Regional	X	X	
Local	X	X	X
Training		X	X
Recreation/School Sports			X



Available in our assortment

Floodlightsystems of the **Lighting class I** are possible on request according to individual planning

All specifications and technical data are subject to change without notice of standards and classifications. No assumption of liability.

SOCCER

Especially when the days are getting shorter and training takes place in the evening hours, a floodlight system is a must have on every soccer field. With LED floodlights from ISOLED® you can illuminate your sports field perfectly and save a lot of energy compared to conventional halogen lamps. We will be happy to advise you on the possibilities of subsidies!

OUTDOOR FACILITY	MAIN AREA / TOTAL AREA		
	Length m	Width m	Calculation grid
SOCCER	105 m / 113 m	70 / 78 m	21 x 15 measuring points
SMALL PITCH FOOTBALL	35 m / 44 m	19 / 24 m	15 x 9 measuring points

The photometric requirements depend on the lighting class.

Permissible lighting class	average horizontal illuminance		Ratio min. to average illuminance		Glare rating GR	Color rendering CRI Ra
I	min. 500 Lux	=> 75%	min. 0,7	=> 0,5	max. 55	min. 70
II	min. 200 Lux		min. 0,6		max. 55	min. 60
III	min. 75 Lux		min. 0,5		max. 55	min. 60

APPLICATION EXAMPLE WITH LIGHT PLANNING

PROJECT: Soccer field

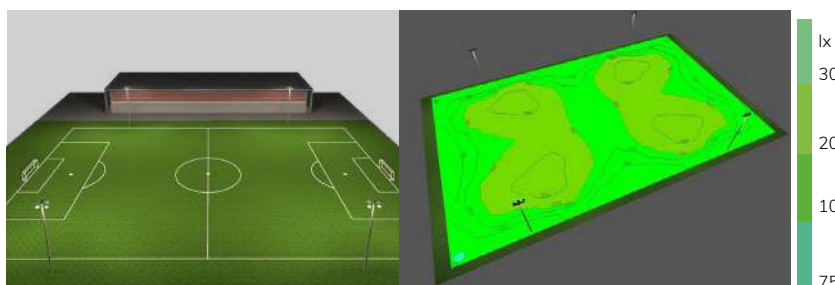
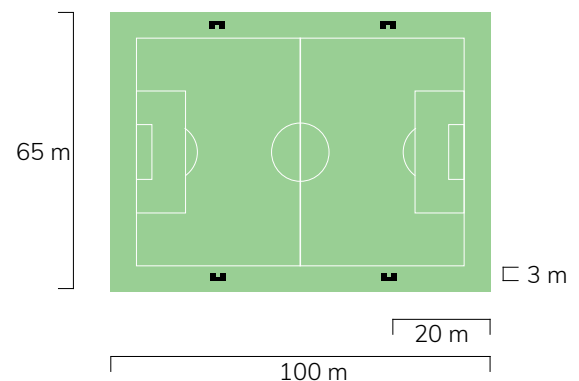
TOTAL SIZE: W: 78 m | L: 113 m

PLAYING FIELD SIZE: W: 65 m | L: 100 m

REQUIREMENT: Lighting class II

PRODUCTS

φ total		P total			
2.279.964 lm		16.200 W			
Pcs.	item no.No.	Item name	P	φ	Luminous efficacy
12	114628	ISOLED floodlight 25 °	1.350 W	189.997 lm	140,7 lm/W



TOTAL AREA

Ē	E _{min}	E _{max}	g ¹	GR
192 lx	97,4 lx	273 lx	0,51	0,36

MATCHFIELD

Ē	E _{min}	E _{max}	g ¹	GR
206 lx	132 lx	276 lx	0,64	0,48

4 POLES

EACH WITH A LOAD OF 238 KG DESIGNED FOR WIND ZONE 2

Pole height 15 m (left and right arm min. 0,7m) 1 m or 1.5 m)

Contact us!
We realise your project!

TENNIS

Energy-efficient LED floodlighting systems provide perfect lighting for impact even in the dark. Tennis courts can still be used to their full extent in spring and autumn. ISOLED® will be happy to advise you on all floodlight options for your sports field as well as light calculation, installation and funding possibilities.

OUTDOOR FACILITY	MAIN AREA / TOTAL AREA		
	Length m	Width m	Calculation grid
TENNIS	30 m / 36 m	15 m / 18 m	15x7 measuring points

The photometric requirements depend on the lighting class.

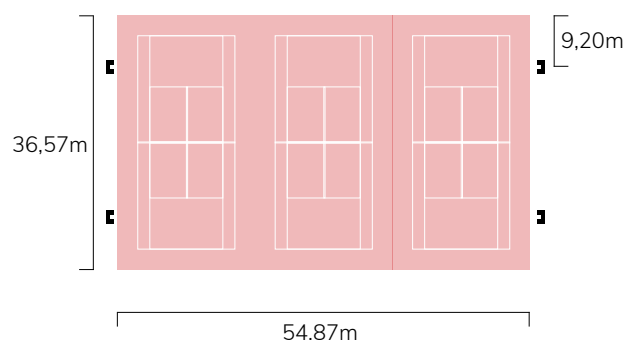
Permissible lighting class	average horizontal illuminance		Ratio min. to average illuminance		Glare rating GR	Color rendering CRI Ra
I	min. 500 Lux	=> 75%	min. 0,7	=> 0,5	max. 50	min. 70
II	min. 300 Lux		min. 0,7		max. 50	min. 60
III	min. 200 Lux		min. 0,6		max. 55	min. 60

APPLICATION EXAMPLE WITH LIGHT PLANNING

PROJECT: 3 courts with light poles
TOTAL SIZE: W: 36,57 m | L: 54,87m
PLAYING FIELD SIZE: W: 36 m | L: 18 m
REQUIREMENT: Lighting class III

PRODUCTS

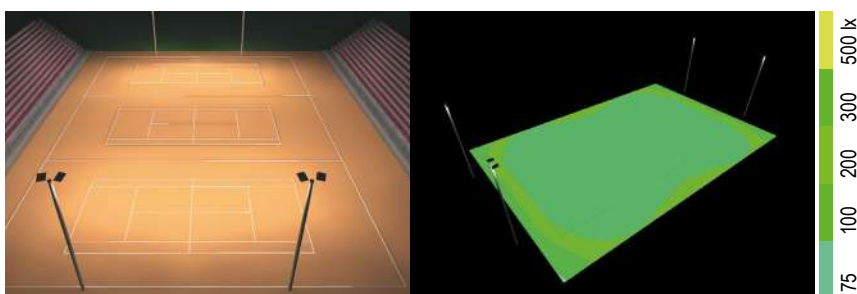
φ total		P total			
1.519.484 lm		10.800 W			
Pcs.	item no.No.	Item name	P	φ	Luminous efficacy
4	114628	ISOLED floodlight 25°	1.350 W	189.997 lm	140.7 lm/W
4	114629	ISOLED floodlight 40°	1.350 W	189.874 lm	140.6 lm/W



4 POLES

EACH WITH A LOAD OF 86 KG DESIGNED FOR WIND ZONE 2

Pole height 15 m (left and right arm min. 0,7m) 0,7 m)



È	Emin	Emax	q¹	GR
416 lx	291 lx	497 lx	0,70	32

Contact us!
We realise your project!

ALPINE SKIING INDOOR/OUTDOOR

OUTDOOR FACILITY	REFERENCE AREA		
	Length m	Width m	Calculation grid
SKI SLOPE	e.g. 125 m	e.g. 17 m	29 x 8 measuring points

The photometric requirements depend on the lighting class.

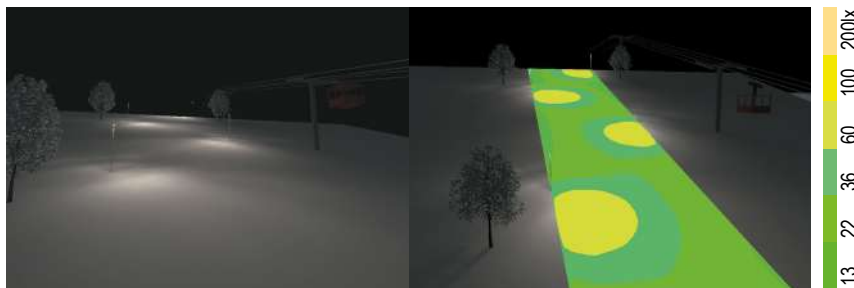
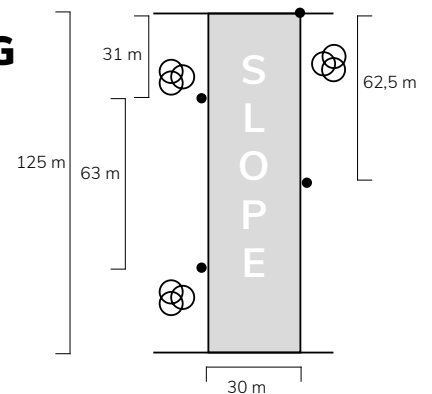
Permissible lighting class	average horizontal illuminance	Ratio min. to average illuminance	Glare rating GR	Color rendering CRI Ra
I	min. 100 Lux	min. 0,5	max. 50	min. 70
II	min. 30 Lux	min. 0,3	max. 50	min. 60
III	min. 20 Lux	min. 0,2	max. 55	min. 60

APPLICATION EXAMPLE WITH LIGHT PLANNING

PROJECT: Ski slope
SLOPE SIZE: W: 30 m | L: 125m
REQUIREMENT: Lighting class III

PRODUCTS

φ total		P total			
256.056 lm		1.800 W			
Pcs.	item no.No.	Item name	P	φ	Luminous efficacy
4	114624	ISOLED floodlight	450 W	64.014 lm	142.3 lm/W



$\bar{E}$	E_{min}	E_{max}	q^1	GR
41,2 lx	12,3 lx	94,3 lx	0,30	50

4 POLES

EACH WITH A LOAD OF 20 KG DESIGNED FOR WIND ZONE 3

Pole height 8 m (cantilever not necessary)

Contact us!
We realise your project!

ISOLED® FLOODLIGHT - TOP LED LIGHT QUALITY!

As experts in LED products, we stand for quality.

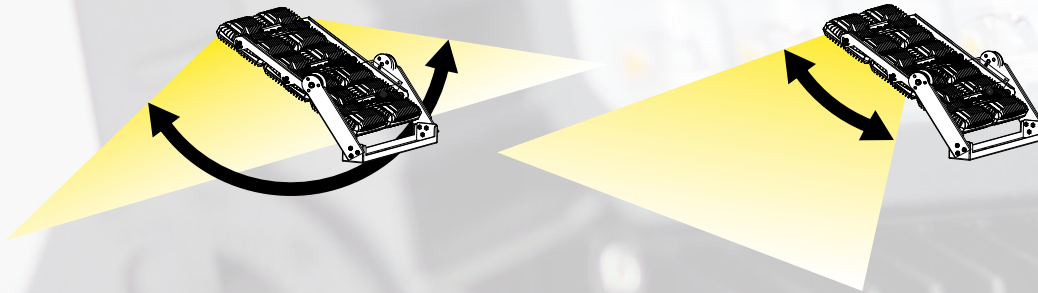
OUR FLOODLIGHT FEATURES HIGH ENERGY EFFICIENCY AND RELIABLE PERFORMANCE.



Asymmetrical beam angle **FOR LIGHT WHERE IT IS NEEDED**

beam angle on side: 130

Beam angle front: 25°/40°



SUSTAINABILITY GUARANTEED

Simplifies the approval process procedure



Excellent luminous efficacy of up to 142 lumen per watt



The electronic support > 30,000 switching cycles. Immediate restart, e.g. after a power failure, is possible



Sustainable binning (SDCM < 3) for uniform light quality



No pre/post time for warming up or cooling down as with conventional lighting systems.



High End LED Chips of the latest generation



Intelligent thermal management for long life/operating time



Maintenance-free luminaire body of protection class IP66 made of high-quality aluminum and impact-resistant PC (IK10)



Reliable brand transformer from Meanwell | With surge protection

Product specifications at a glance

Detailed data sheets available at any time

ITEM NUMBER	114624 114625 LED floodlight 450 W	114626 114627 LED floodlight 900 W	114628 114629 LED floodlight 1,350 W
Efficiency class	A++	A++	A++
Material	Aluminium	Aluminium	Aluminium
Rated voltage/current	110 - 240 V AC	110 - 240 V AC	110 - 240 V AC
Rated power in watts	450	900	1.350
Active power in watt	450	900	1.350
Apparent power in VA	470	940	1.400
LED type	216 x SMD5050	432 x SMD5050	648 x SMD5050
Color temperature	4.000 K	4.000 K	4.000 K
asymmetrical beam angle	130 x 25° 130 x 40°	130 x 25° 130 x 40°	130 x 25° 130 x 40°
Lumen	64.000 (142 lm/W)	125.000 (138 lm/W)	190.000 (140 lm/W)
Candela	17.642	34.456	52.373
CRI	70	70	70
Ambient temperature	-40 - 50°	-40 - 50°	-40 - 50°
Surge protection	10 kV	10 kV	10 kV
Weight	19,20 kg incl. transformer 13,16 kg without trans- former	33,30 kg incl. transformer 21,22 kg without trans- former	42,80 kg incl. transformer 29,90 kg without trans- former
Transformer	2 x 215V DC, 1.050mA	4 x 215V DC, 1.050mA	6 x 215V DC, 1.050mA
Useful life	up to 100.000 h	up to 100.000 h	up to 100.000 h
Protection class	IP66	IP66	IP66
Dimmable	1 - 10 V dimmable optio- nal DALI-dimmable	1 - 10 V dimmable optio- nal DALI-dimmable	1 - 10 V dimmable optional DALI-dimmable
Warranty:	5 years	5 years	5 years



LED flood light 450W

450 watts | 130 x 25 ° / 130 x 40 ° | asymmetrical | variable | 1 - 10 V dimmable | neutral white | IP66



130x25°

114624

Special features:

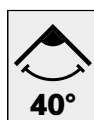
Transformers 2 x Meanwell ELG-C

1.050 mA, incl. surge protection 10 kV,

Service life 100,000 h,

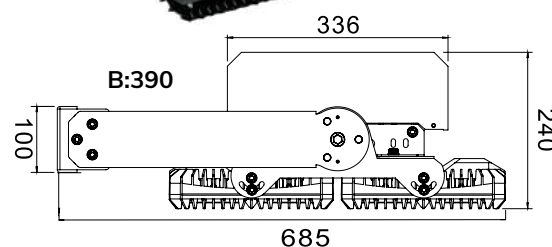
Beam angle 130 x 25° or 130 x 40° asymmetrical,

Luminaire modules variable, incl. protective cable sheathing



130x40°

114625



LED flood light 900W

900 watts | 130 x 25 ° / 130 x 40 ° | asymmetrical | variable | 1 - 10 V dimmable | neutral white | IP66



130x25°

114626

Variant with external transformer **114934**

Special features:

Transformers 4 x Meanwell ELG-C

1.050 mA, incl. surge protection 10 kV,

Service life 100,000 h,

Beam angle 130 x 25° or 130 x 40° asymmetrical,

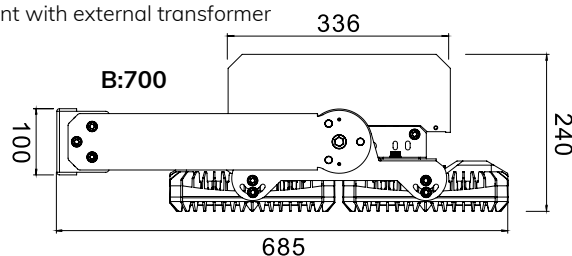
Luminaire modules variable, incl. protective cable sheathing



130x40°

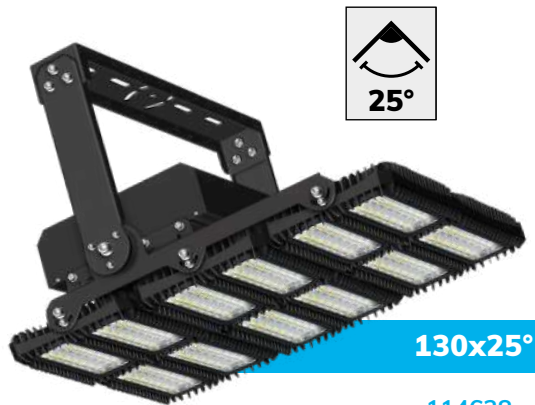
114627

114935 Variant with external transformer



LED flood light 1350W

1,350 watts | 130 x 25 ° / 130 x 40 ° | asymmetrical | variable | 1 - 10 V dimmable | neutral white | IP66



Variant with external transformer

114967



Special features:

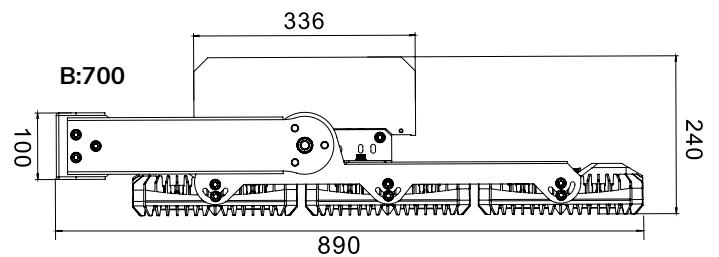
Transformers 6 x Meanwell ELG-C

1050 mA, incl. surge protection 10 kV,

Service life up to 100,000 h,

Beam angle 130 x 25° or 130 x 40° asymmetrical,

Luminaire modules variable, incl. protective cable sheathing



Accessories

The accessories facilitate the precise alignment of the light cone on site.



Angle bubble

For locking the inclination exactly to the degree. The angle spirit level is included with every spotlight.



Alignment telescope for LED floodlights

For precise alignment of the light cone.

114859



Light poles

Floodlight pole conical with traverse

The conical round light pole consists of a formed and longitudinally welded steel sheet, which is hot-dip galvanized with a minimum steel quality of S235 JR and according to DIN EN ISO 1461.

The pole is statically designed individually for the installation site and adapted to the floodlights used in each case. The poles are given a door cutout

with inserted steel door and triangular lock made of V2A, edge length 12 mm.

A cable junction box can be accommodated using a device bridge and sliding nuts inside the pole. Two openings for cable entry are located opposite one another in the ground piece.

The light poles and crossbars for outdoor installations are designed for wind zone 2, the light poles for ski slopes for wind zone 3.

If necessary, the transformers can be mounted in the pole.

Further mounting options directly on the luminaire or in a separate connection cabinet with separate cable routing.



Delivery free of freight charges for 4 poles or more

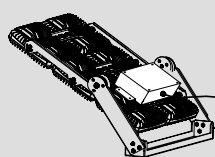


Poles are dimensioned specifically for the project



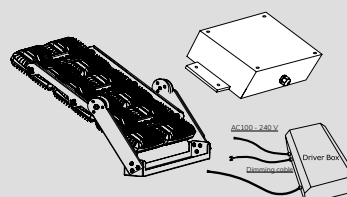
We make foundation suggestions when purchasing ISOLED® Poles

Mounting variants transformer Integrated variant



Integrated transformer box for mounting directly on the luminaire. Waterproof connections are required.

Mounting variants transformer External variant



Separate transformer box for external installation. Waterproof connections are required.

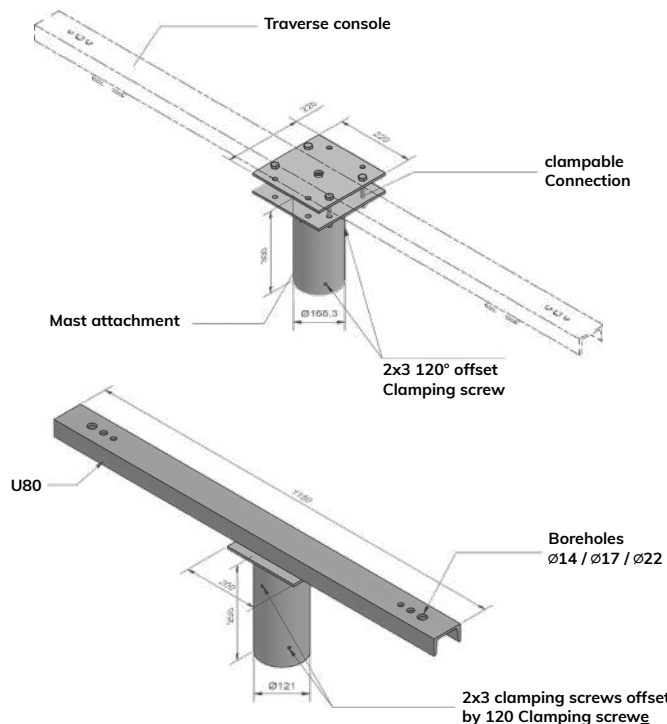
MAINTENANCE FLAP

Flap for wiring / opening on both sides for cable routing



TRAVERSES

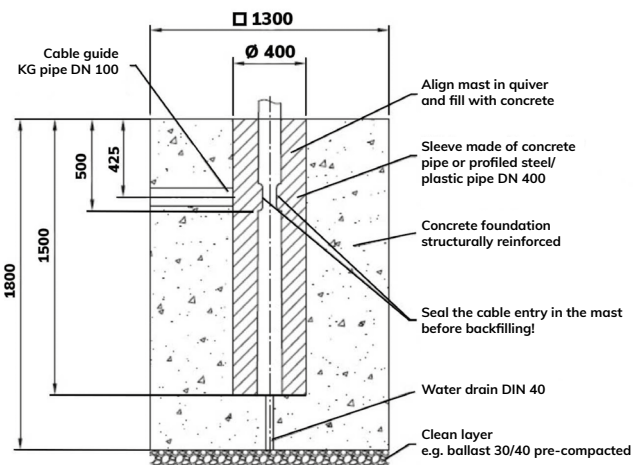
For mounting and alignment of LED floodlights



Wind zones using the example of Germany



Example of proposed foundation for tennis court and soccer field



114735	For 1 floodlight, galvanised steel, height above ground 8 m
114733	For 2 floodlights, galvanised steel, height above ground 12 m
114734	For 2 floodlights, galvanised steel, height above ground 15 m
114732	For 3+2 floodlights, galvanised steel, height above ground 15 m
114736	For 4+2 floodlights, galvanised steel, height above ground 15 m

Please note that the foundation recommendations of Europol are based on calculations with standard loads and are therefore without guarantee. Assumption: Normal grown soil without water buoyancy



Strong lights with up to 5 years guarantee The right lighting for a professional working environment

Not only the products, but also great delivery times and fast returns processing convinced us of ISOLED."

Feedback from customer survey 2022

LED FLOOR, PENDANT AND PENDULUM LIGHTS

CUSTOMISED LIGHT SOLUTIONS



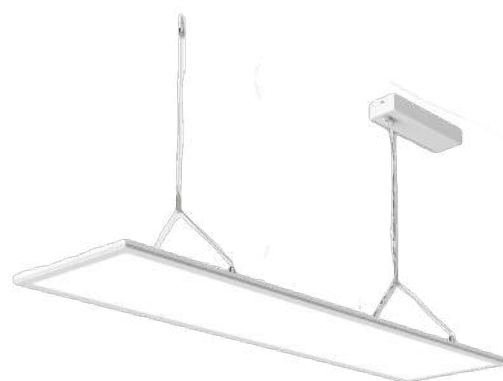


LED FLOOR, PENDANT AND PENDULUM LIGHTS

LED pendant light TECHNICAL DESIGN



PAGE 192
pendant light UP+Down



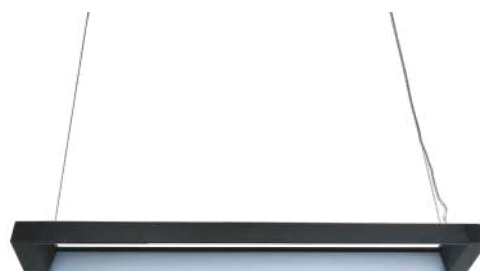
PAGE 199
Office pendant light square



PAGE 197
Office pendant light round



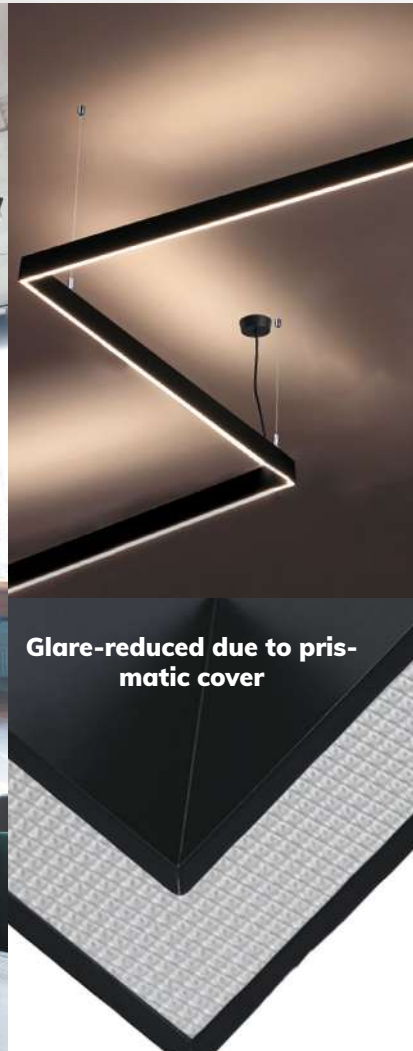
PAGE 196
Pendant light grid

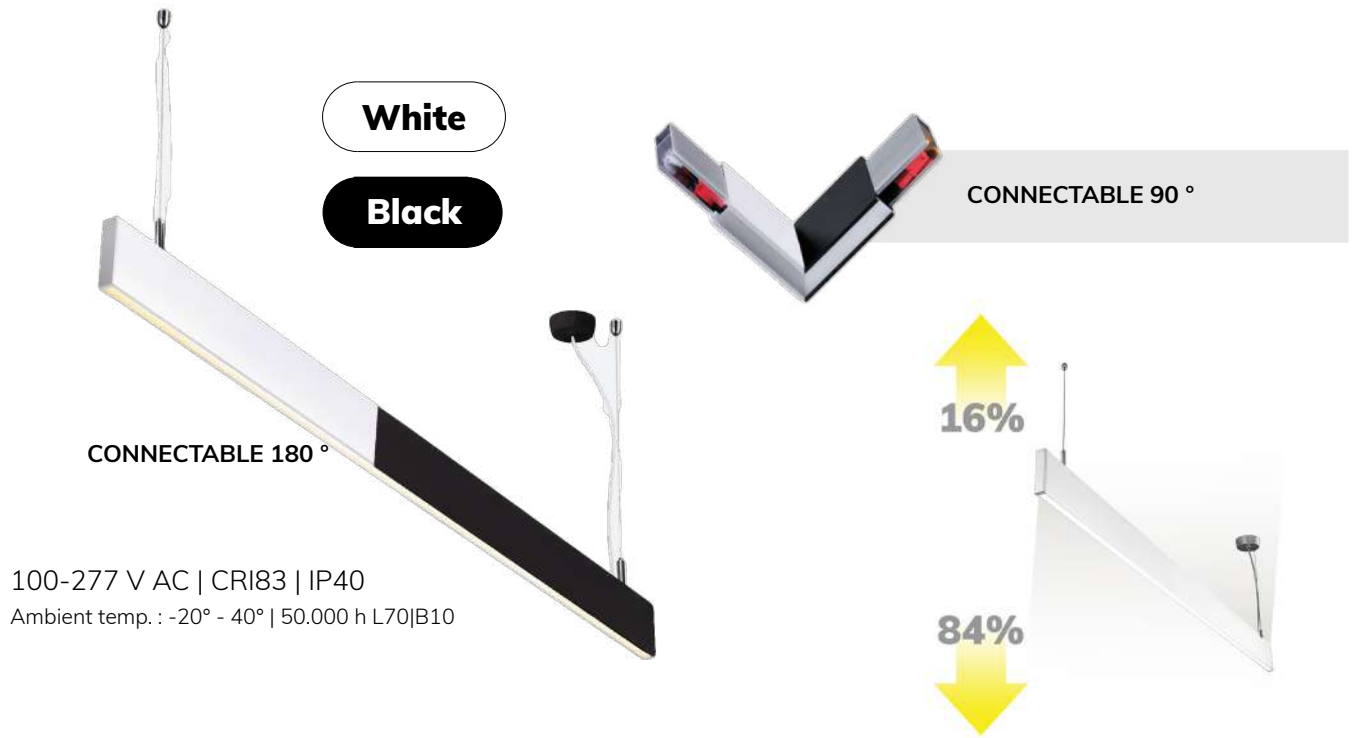


PAGE 200
pendant light frame

PENDANT LIGHT UP+DOWN

LINEAR-CONNECTABLE 180° AND 90°





600

DIMENSIONS

L: 600 mm | W: 20 mm | H: 94.2 mm | Wire suspension max. 1500 mm



NEUTRAL WHITE

Power: 23,5 W
Luminous flux: 1.900 Lm
Color temp: 4.000 K

W 114003

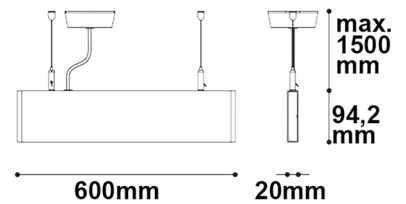


WARM WHITE

Power: 23,5 W
Luminous flux: 1.900 Lm
Color temp: 3.000 K

W 114001

B 113999



1200

DIMENSIONS

L: 1200 mm | W: 20 mm | H: 94.2 mm | Wire suspension max. 1500 mm



NEUTRAL WHITE

Power: 39 W
Luminous flux: 3.300 Lm
Color temp: 4.000 K

W 114004

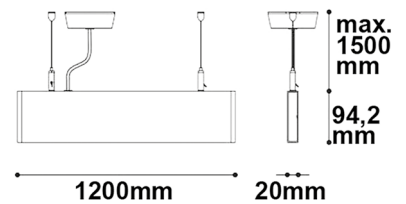


WARM WHITE

Power: 39 W
Luminous flux: 3.300 Lm
Color temp: 3.000 K

W 114002

B 114000



CORNER CONNECTOR

DIMENSIONS

L: 138 mm | W: 20 mm | H: 94.2 mm



NEUTRAL WHITE

Power: 3,3 W
Luminous flux: 350 Lm
Color temp: 4.000 K

W 114118

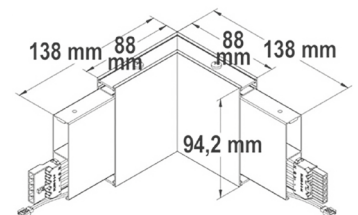


WARM WHITE

Power: 3,3 W
Luminous flux: 350 Lm
Color temp: 3.000 K

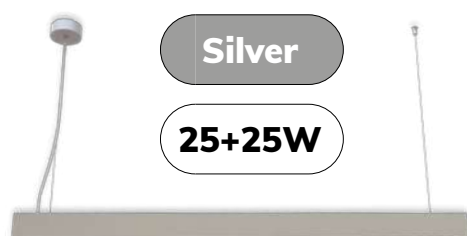
W 114038

B 114037



PENDANT LIGHT GRID UP+DOWN

LINEAR-CONNECTABLE 180°



230 V AC | CRI83 | IP40
Ambient temp. : -20° - 40° | 30.000 h L70|B10



1200

DIMENSIONS

L: 1.175 mm | W: 38 mm | H: 66 mm | Wire suspension max. 1500 mm

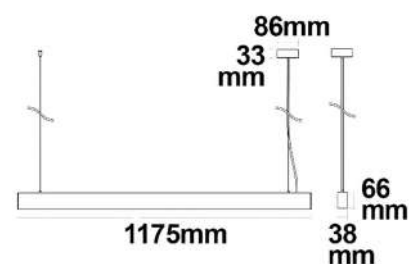
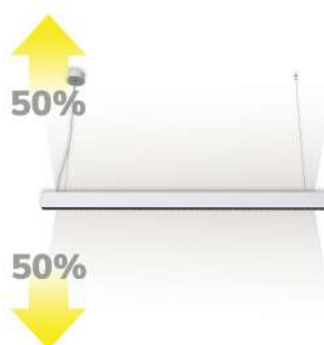


NEUTRAL WHITE

Power: 49,7 W
Luminous flux: 5.100 Lm
Color temp: 4.000 K



113891



1200

DIMENSIONS

L: 1.190 mm | W: 160 mm | H: 30 mm | Wire suspension max. 1500 mm

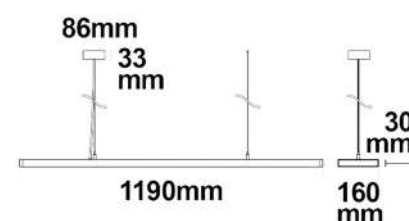
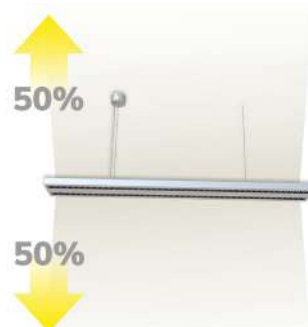


NEUTRAL WHITE

Power: 58,7 W
Luminous flux: 6.500 Lm
Color temp: 4.000 K

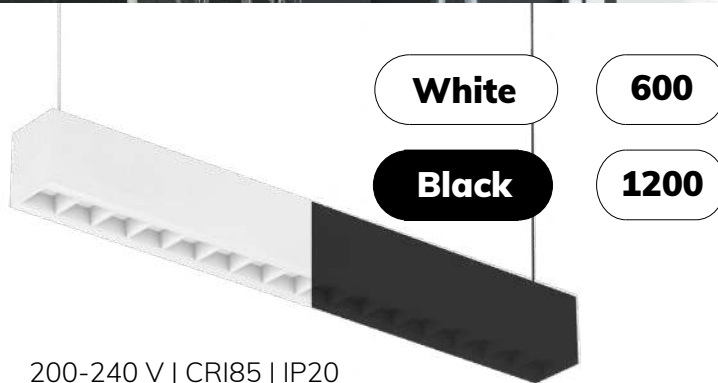
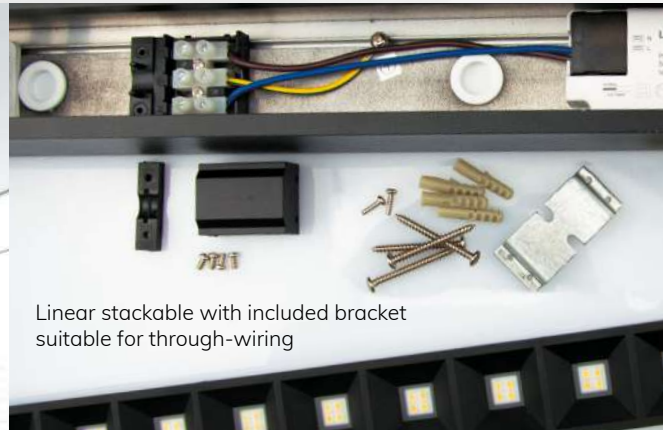


113892



SURFACE MOUNT/PENDANT LAMP GRID

LINEAR-CONNECTABLE 180° | COLOR SWITCH



200-240 V | CRI85 | IP20
Ambient temp. : -20° - 40° | 50.000 h L70|B10



600

DIMENSIONS

L: 604 mm | W: 60 mm | H: 70 mm | Wire suspension max. 1500 mm



COLOR SWITCH

Power: 20 W
Luminous flux: 2.000 Lm
Color temp: 3.000 | 3.500 | 4.000 K



114060



114062

1200

DIMENSIONS

L: 1,204 mm | W: 60 mm | H: 70 mm | Wire suspension max. 1500 mm



COLOR SWITCH

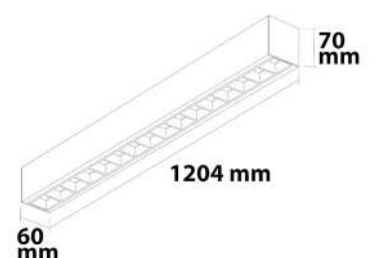
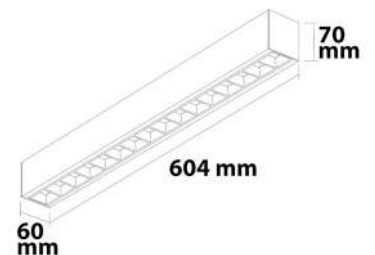
Power: 40 W
Luminous flux: 4.800 Lm
Color temp: 3.000 | 3.500 | 4.000 K



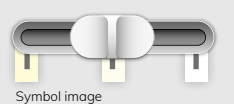
114061



114063



COLOR SWITCH



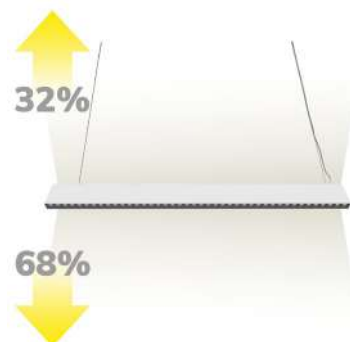
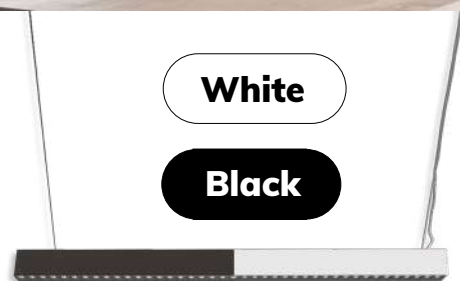
3.000 K

3.500 K

4.000 K

PENDANT LIGHT GRID UP+DOWN

LINEAR-CONNECTABLE 180° | UGR<6



220-240 V AC | CRI93 | IP20
Ambient temp. : -20° - 40° | 30.000 h L70|B10

1200

DIMENSIONS

L: 1.280 mm | W: 40 mm | H: 85 mm | Wire suspension max. 1400 mm



NEUTRAL WHITE

Power: 41 W
Luminous flux: 3.000 Lm
Color temp: 4.000 K



113856

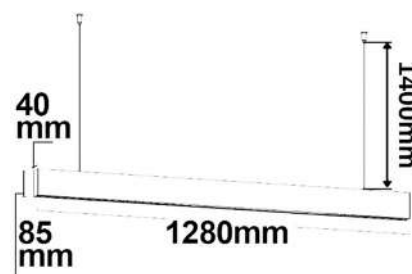


WARM WHITE

Power: 42,8 W
Luminous flux: 2.900 Lm
Color temp: 3.000 K



113857



OFFICE PENDANT LIGHT UP+DOWN

ROUND | UGR<19



White

+DALI

20+20W

230 V | CRI80 | IP20
Ambient temp. : -20° - 40° | 30.000 h L70|B10



50%



50%



E

Ø 610

DIMENSIONS

Ø: 610 mm | W: 15 mm | H: 15 mm | Wire suspension max. 1500 mm



NEUTRAL WHITE

Power: 40 W
Luminous flux: 4.300 Lm
Color temp: 4.000 K

W

113425

+DALI

115119



WARM WHITE

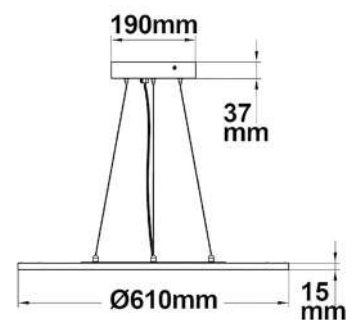
Power: 40 W
Luminous flux: 4.000 Lm
Color temp: 3.000 K

W

113424

+DALI

115118



PENDANT LIGHT ROUND

COLOR SWITCH

DALI Upgrade
with item 115807
DALI to phase
section

MORE ON PAGE
463



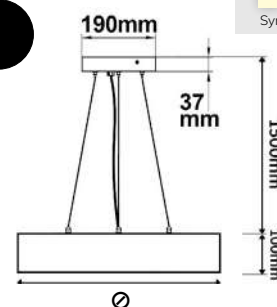
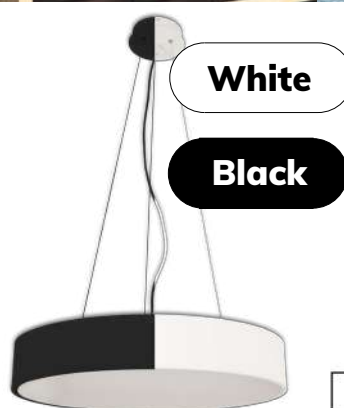
ø 400mm



ø 600mm



ø 1000mm



COLOR SWITCH



5
YEAR
GUARANTEE

220-240 V AC | CRI80 | IP20

Ambient temp.: -20° - 40° | 30.000 h L70|B10

ø 400

DIMENSIONS

L: 1.100 mm | Ø: 400 mm | H: 100 mm



COLOR SWITCH

Power: 25 W
Luminous flux: 1.670 Lm
Color temp: 3.000 | 3.500 | 4.000 K



113801



115208

ø 800

DIMENSIONS

L: 1.100 mm | Ø: 800 mm | H: 100 mm



COLOR SWITCH

Power: 105 W
Luminous flux: 7.550 Lm
Color temp: 3.000 | 3.500 | 4.000 K



113803



115210

ø 600

DIMENSIONS

L: 1.100 mm | Ø: 600 mm | H: 100 mm



COLOR SWITCH

Power: 52 W
Luminous flux: 3.700 Lm
Color temp: 3.000 | 3.500 | 4.000 K



113802



115209

ø 1000

DIMENSIONS

L: 1.100 mm | Ø: 1.000 mm | H: 100 mm



COLOR SWITCH

Power: 160 W
Luminous flux: 12.350 Lm
Color temp: 3.000 | 3.500 | 4.000 K



113804



115211

OFFICE PENDANT LIGHT UP+DOWN

SQUARE | UGR <19



White

+DALI

20+20W

230 V AC | CRI80 | IP20
Ambient temp. : -20° - 40° | 30.000 h L70|B10

50%

50%



AIG E

1200

DIMENSIONS

L: 1,195 mm | W: 295 mm | H: 14 mm | Wire suspension max. 1500 mm



NEUTRAL WHITE

Power: 40 W
Luminous flux: 4.000 Lm
Color temp: 4.000 K

W

113427

+DALI

115121



WARM WHITE

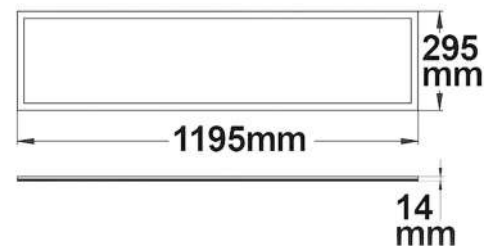
Power: 40 W
Luminous flux: 3.700 Lm
Color temp: 3.000 K

W

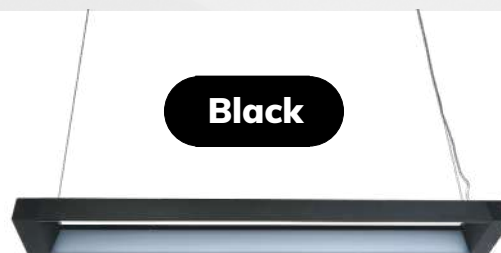
113426

+DALI

115120



PENDANT LIGHT FRAME COLOR SWITCH


5
YEAR
GUARANTEE

220-240 V AC | CRI80 | IP40
Ambient temp. : -20° - 40° | 30.000 h L70|B10

1200 DIMENSIONS

L: 1,222 mm | W: 115 mm | H: 59 mm | Wire suspension max. 1500 mm

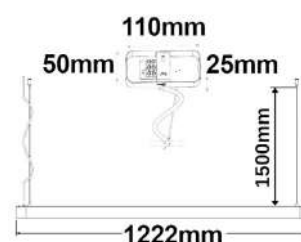
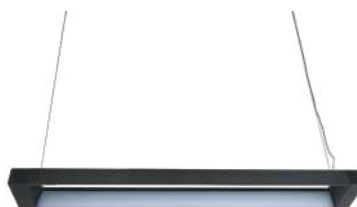


COLOR SWITCH

Power: 40 W
Luminous flux: 3.600 Lm
Color temp: 3.000 | 4.000 | 5.700 K



113777



OFFICE PRO PENDULUM LIGHT UP+DOWN



DALI Upgrade
with item 115807
DALI to phase
section
MORE ON PAGE
463


5
YEAR
GUARANTEE


100-240 V | CRI90 | IP20 | UGR <19
Ambient temp. : -20° - 40° | 50.000 h L70|B10

1200 DIMENSIONS

L: 1.200 mm | W: 260 mm | H: 30 mm | Wire suspension max. 1700 mm

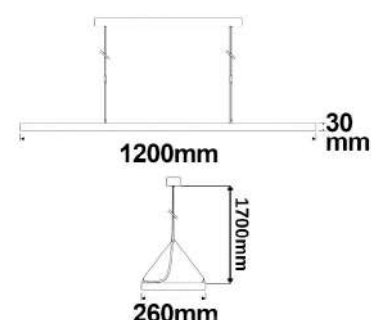


NEUTRAL WHITE

Power: 58 W
Luminous flux: 6.000 Lm
Color temp: 4.000 K



113248



LED FLOOR, PENDANT
AND PENDULUM LIGHTS

LED pendant and pendulum lights DECORATIVE

DESIGN YOUR OWN
INFINITY 

COMBINE...

UP TO
3 METER
CABLE SUSPENSION

ALL
20 LUMINAIRES
TOGETHER

BETWEEN
7 CANOPIES
FOR YOUR INDIVIDUAL DESIGN



14 New DESIGN
pendant lights



INFINITY series with
another 6 lights

NEW

DESIGN YOUR OWN **INFINITY**

CANOPY



PENDANT LIGHT



LED ILLUMINANTS



COMBINE...

UP TO
3 METER
CABLE SUSPENSION

ALL
20 LUMINAIRES
TOGETHER

BETWEEN
7 CANOPIES
FOR YOUR INDIVIDUAL DESIGN



**MAKE A
DESIGN STATEMENT AND
COMBINE
YOUR LIGHT**





1,6 m
115195



3 m
115196

CANOPY



1x ø 110 mm
115220



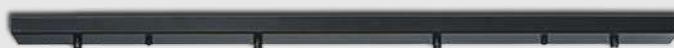
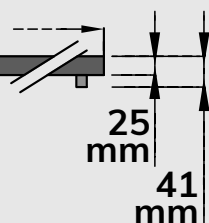
3x ø 300 mm
115221



5x ø 400 mm
115222



1x 11x11 mm
115223



4x L: 1000 mm | W: 70 mm
115226



3x L: 800 mm | W: 70 mm
115225



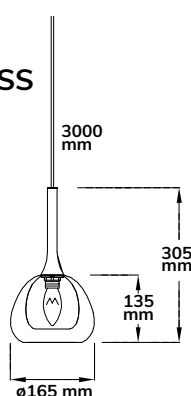
1x L: 700 mm | W: 70 mm
115224



CLEAR BLACK GLASS

3 m wire suspension
lamp excluded
Socket: E14

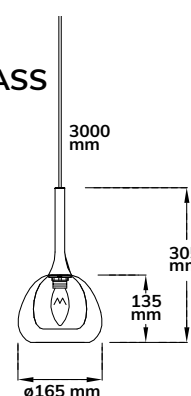
115218



CLEAR WHITE GLASS

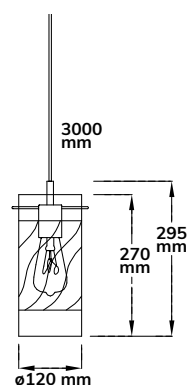
3 m wire suspension
lamp excluded
Socket: E14

115219

SMOKY
CURLED GLASS

3 m wire suspension
lamp excluded
Socket: E27

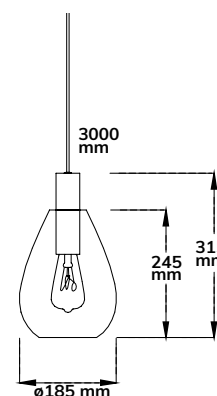
115215



SMOKY GLASS

3 m wire suspension
lamp excluded
Socket: E27

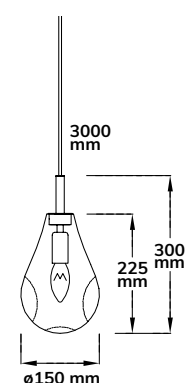
115214



AMBER GLASS

3 m wire suspension
lamp excluded
Socket: E14

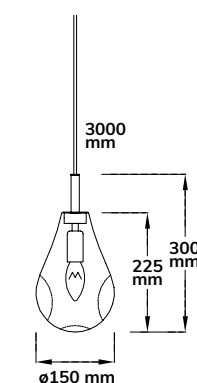
115216



BLACK GLASS

3 m wire suspension
lamp excluded
Socket: E14

115217

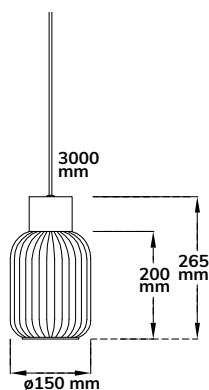




WHITE GLASS

3 m wire suspension
lamp excluded
Socket: E27

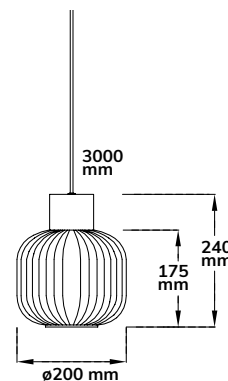
115212



WHITE GLASS

3 m wire suspension
lamp excluded
Socket: E27

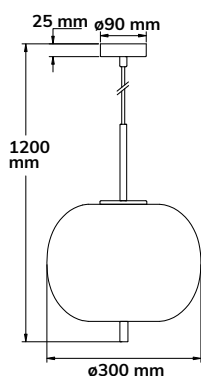
115213



SMOKY GLASS

120 cm wire suspension
lamp excluded
Socket: E27

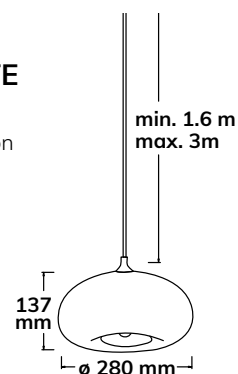
115051



CLEAR WHITE GLASS

3 m wire suspension
lamp excluded
Socket: E27

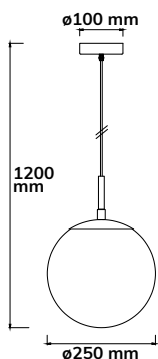
115053



SMOKY GLASS

XX wire suspension
lamp excluded
Socket: E27

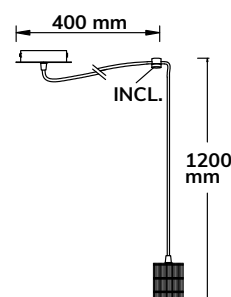
115042



SMOKY GLASS

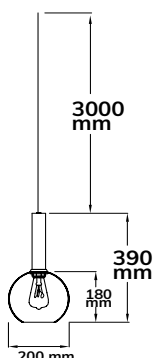
3 m wire suspension
lamp excluded
Socket: E27

115047

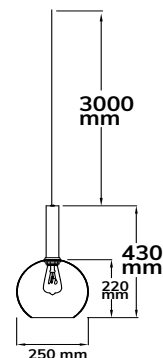


NEW**BLACK
ROUND GLASS**

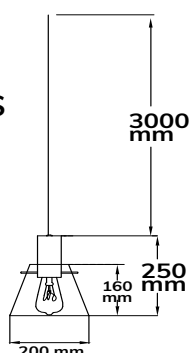
0.5-3 m wire suspension
lamp excluded
Socket: E27

115631**BLACK
ROUND GLASS**

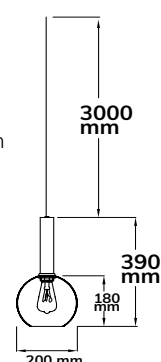
0.5-3 m wire suspension
lamp excluded
Socket: E27

115632**BLACK
CONCAVE GLASS**

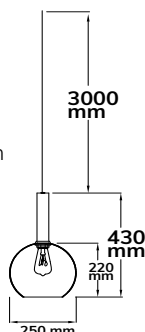
0.5-3 m wire suspension
lamp excluded
Socket: E27

115633**AMBER ROUND
GLASS**

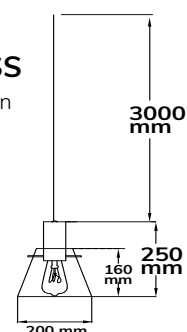
0.5-3 m wire suspension
lamp excluded
Socket: E27

115634**AMBER
ROUND GLASS**

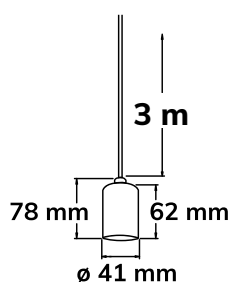
0.5-3 m wire suspension
lamp excluded
Socket: E27

115635**AMBER
CONCAVE GLASS**

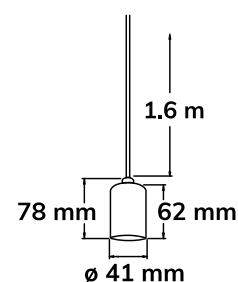
0.5-3 m wire suspension
lamp excluded
Socket: E27

115636**E27 SOCKET**

3 m wire suspension
lamp excluded
Socket: E27

115196**E27 SOCKET**

1.6 m wire suspension
lamp excluded
Socket: E27

115195





CAN BE COMBINED WITH 3-PH TRACK LIGHTS

With the UNIVERSAL adapter you can integrate all pendulum lights into your 3-PH track system - for even more design variety! Design variety!



**ADAPTER
UNIVERSAL**

● 107601

● 127601

ILLUMINANTS VINTAGE

WE RECOMMEND THE FOLLOWING ILLUMINANTS
YOU CAN FIND THE WHOLE ASSORTMENT FROM PAGE 427

114166



114167



114168



114169



115077



115071



115072



114164



114165



115078



115079



115076



113320



113323



113325



115022



115075



115073



115074

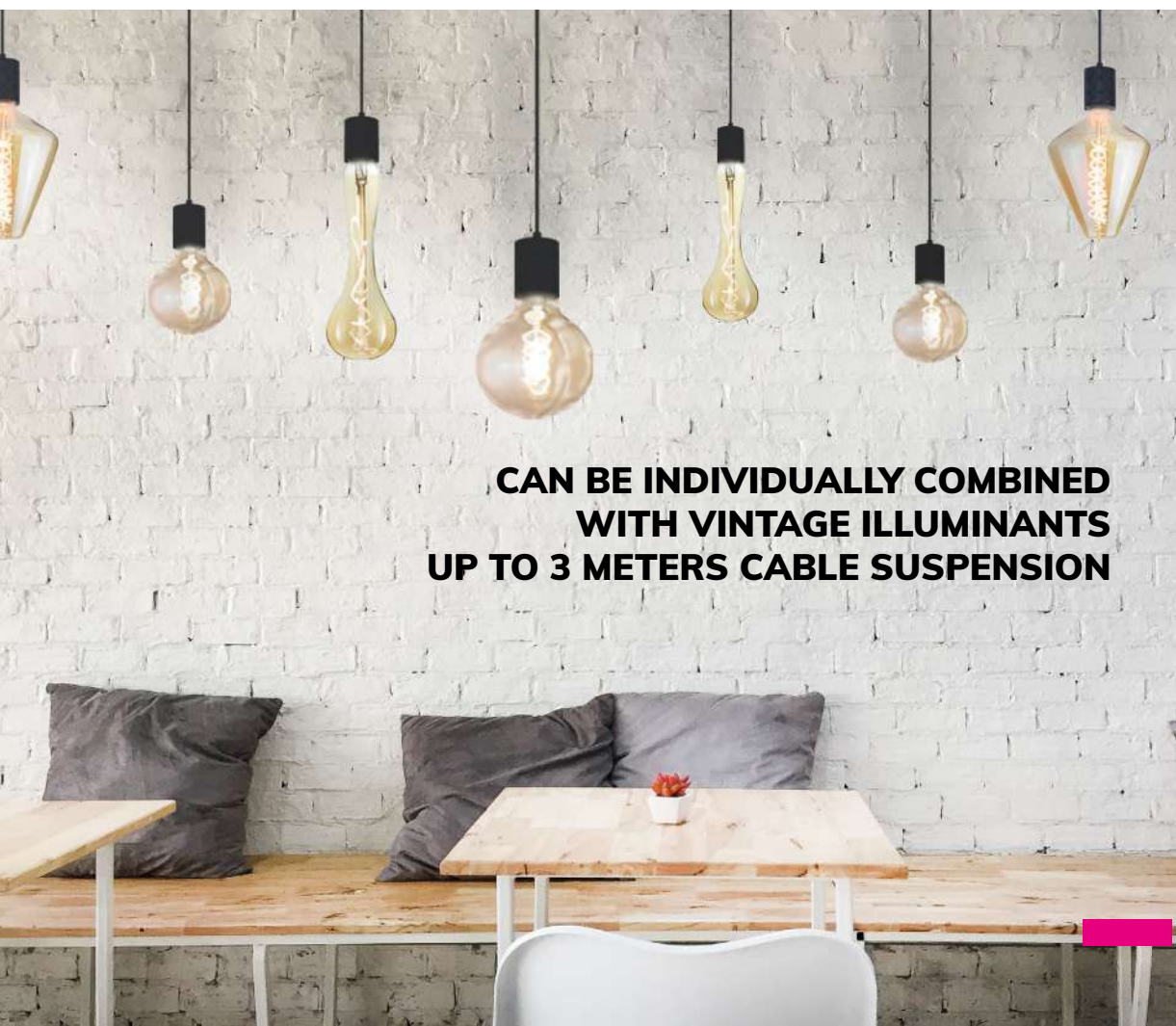


113324



E14

DESIGN YOUR OWN INFINITY



**CAN BE INDIVIDUALLY COMBINED
WITH VINTAGE ILLUMINANTS
UP TO 3 METERS CABLE SUSPENSION**

1,6 m
115195

3 m
115196

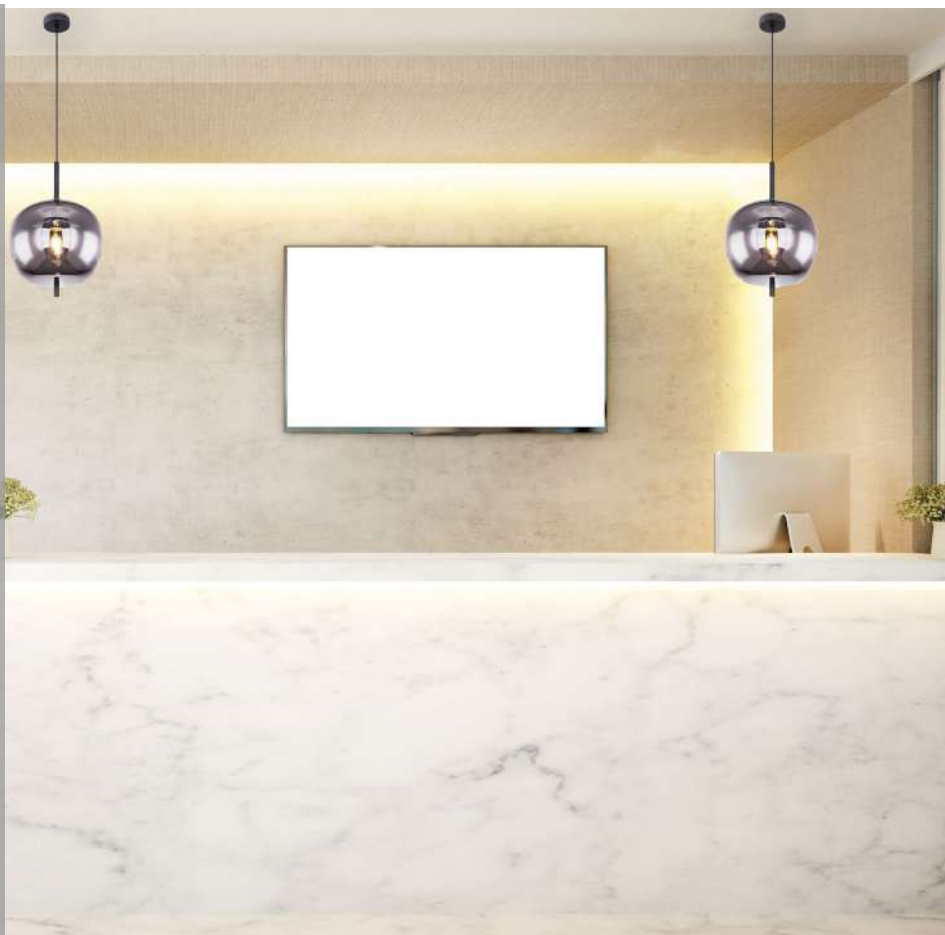
PENDANT LIGHT BLACK MATT

1,2 m wire suspension

lamp excluded

Socket: 1xE27

115051



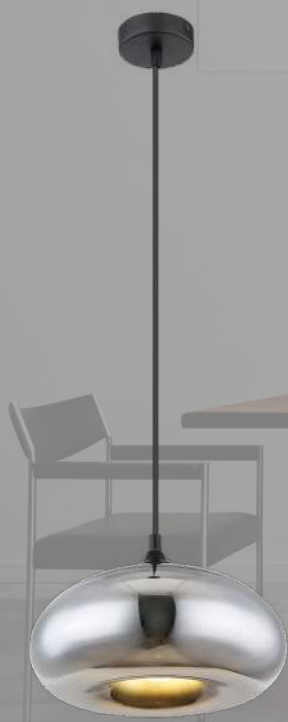
PENDANT LIGHT BLACK MATT

max. 3m / min. 1.6 m wire suspension

lamp excluded

Socket: 1xE27

115053





PENDANT LIGHT BLACK MATT

1,2 m wire suspension

lamp excluded

Socket: 8xE27

115050



PENDANT LIGHT BLACK MATT

1,2 m wire suspension

lamp excluded

Socket: 3xE27

115052



PENDANT LIGHT NICKEL / BLACK MATT

1,5 m wire suspension
lamp excluded
Socket: 4xGU10

● 115002

● 115003



PENDANT LIGHT BLACK MATT

1,2 m wire suspension
lamp excluded
Socket: 4xGU10

115041





PENDANT LIGHT BLACK MATT

1,2 m wire suspension

lamp excluded

Socket: 1xE27

115042



PENDANT LIGHT BLACK MATT

1,2 m wire suspension

lamp excluded

Socket: 1xE27

115047

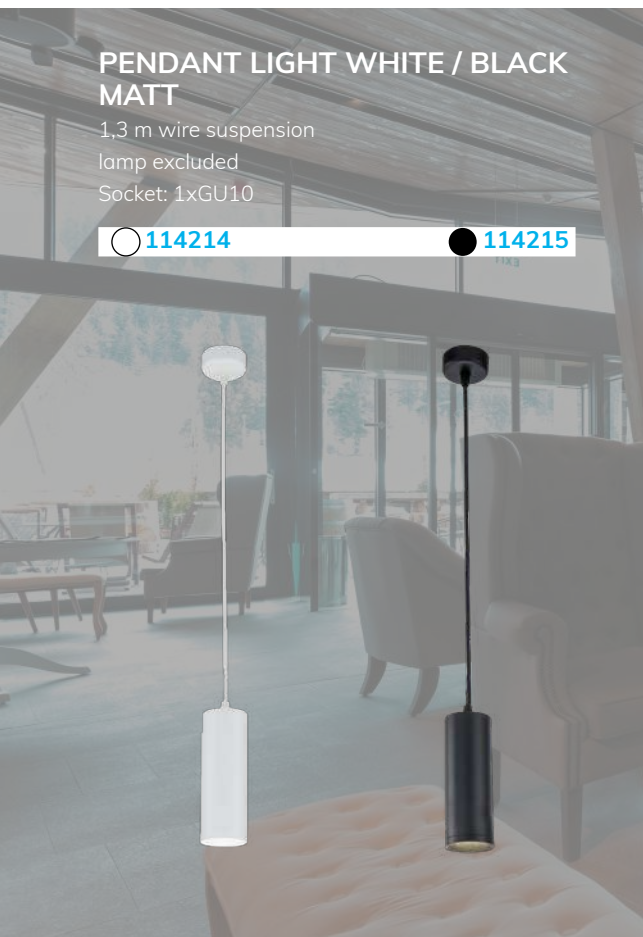


PENDANT LIGHT WHITE / BLACK MATT

1,3 m wire suspension
lamp excluded
Socket: 1xGU10

○ 114214

● 114215

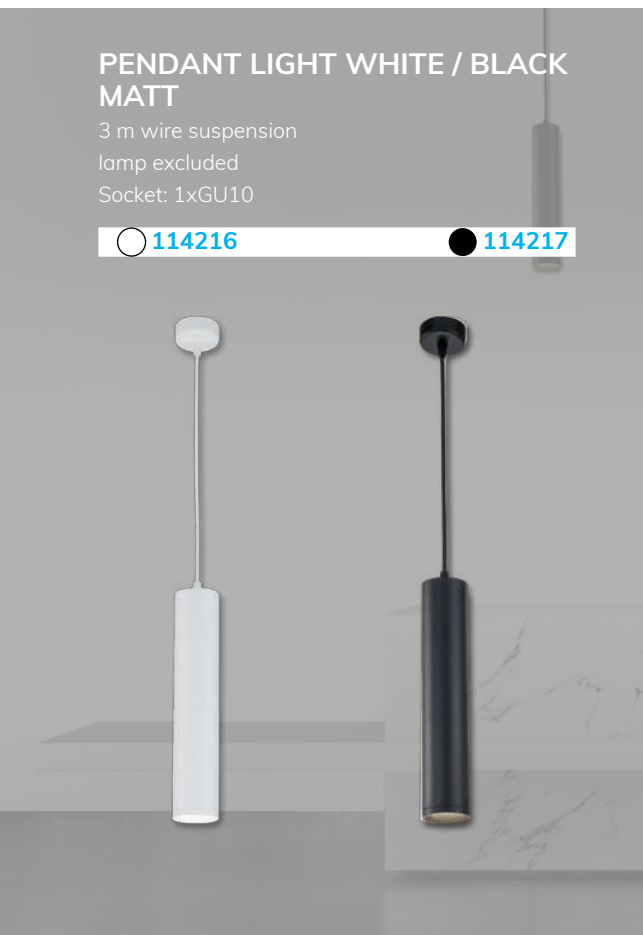


PENDANT LIGHT WHITE / BLACK MATT

3 m wire suspension
lamp excluded
Socket: 1xGU10

○ 114216

● 114217





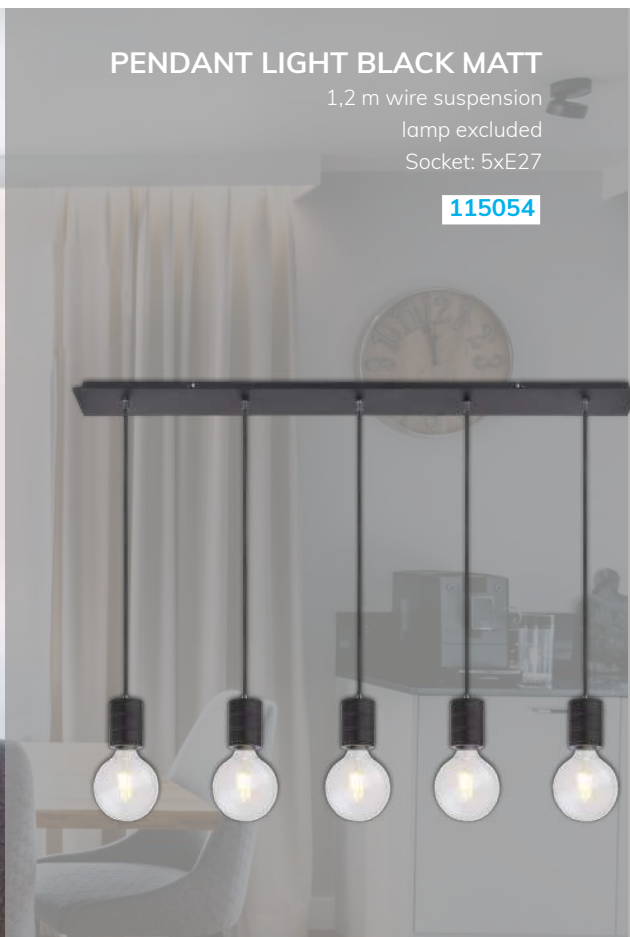
PENDANT LIGHT BLACK MATT

1.2 m wire suspension

lamp excluded

Socket: 5xE27

115054



PENDANT LIGHT BLACK MATT

1.6 m wire suspension

lamp excluded

Socket: 3xE27

115056



NEW**PENDANT LIGHT CIRCLE 580****BLACK/WHITE** 1.5 m wire suspension

220-240 V AC | 48 W | CRI80 | IP20

Ambient temp.: 0°-40° | 30.000 h Color temp.:
3.000 K | 3.500 K | 4.000 K Luminous flux: 3.000 Lm
dimmable☒ **115645**☐ **115646**DALI Upgrade
with item 115807
DALI to phase
sectionMORE ON PAGE
463**COLOR SWITCH****NEW****PENDANT LIGHT ORBIT**
BLACK/WHITE

1.5 m wire suspension

220-240 V AC | CRI80 |

IP20 Ambient temp.: 0°-40° | 30.000 h

Color temp.: 3.000 K | 3.500 K | 4.000 K

Luminous flux: 3.000 Lm

480 | 38 W | 2.400 Lm | dimmable

☒ **115647**☐ **115648**

580 | 48 W | 3.000 Lm | dimmable

☒ **115649**☐ **115650**

780 | 60 W | 4.800 Lm | dimmable

☒ **115651**☐ **115652**DALI Upgrade
with item 115807
DALI to phase
sectionMORE ON PAGE
463**COLOR SWITCH**



DALI Upgrade
with item 115807
DALI to phase
section
MORE ON PAGE
463

PENDANT LIGHT DESIGN BLACK/WHITE

NEW

1.5 m wire suspension

220-240 V AC | 48 W | CRI80 | IP20

Ambient temp.: 0°-40° | 30.000 h

Color temp.: 3.000 K | 3.500 K | 4.000 K Luminous
flux: 3.000 Lm dimmable

● 115653 ○ 115654



DALI Upgrade
with item 115807
DALI to phase
section
MORE ON PAGE
463

PENDANT LIGHT RING BLACK/SILVER

NEW

1.2 m wire suspension

220-240VAC | CRI80 | IP20

Ambient temp.: 0°-40° | 30.000 hrs

Color temp.: 3.000 K

Luminous flux: 3.000 Lm dimmable

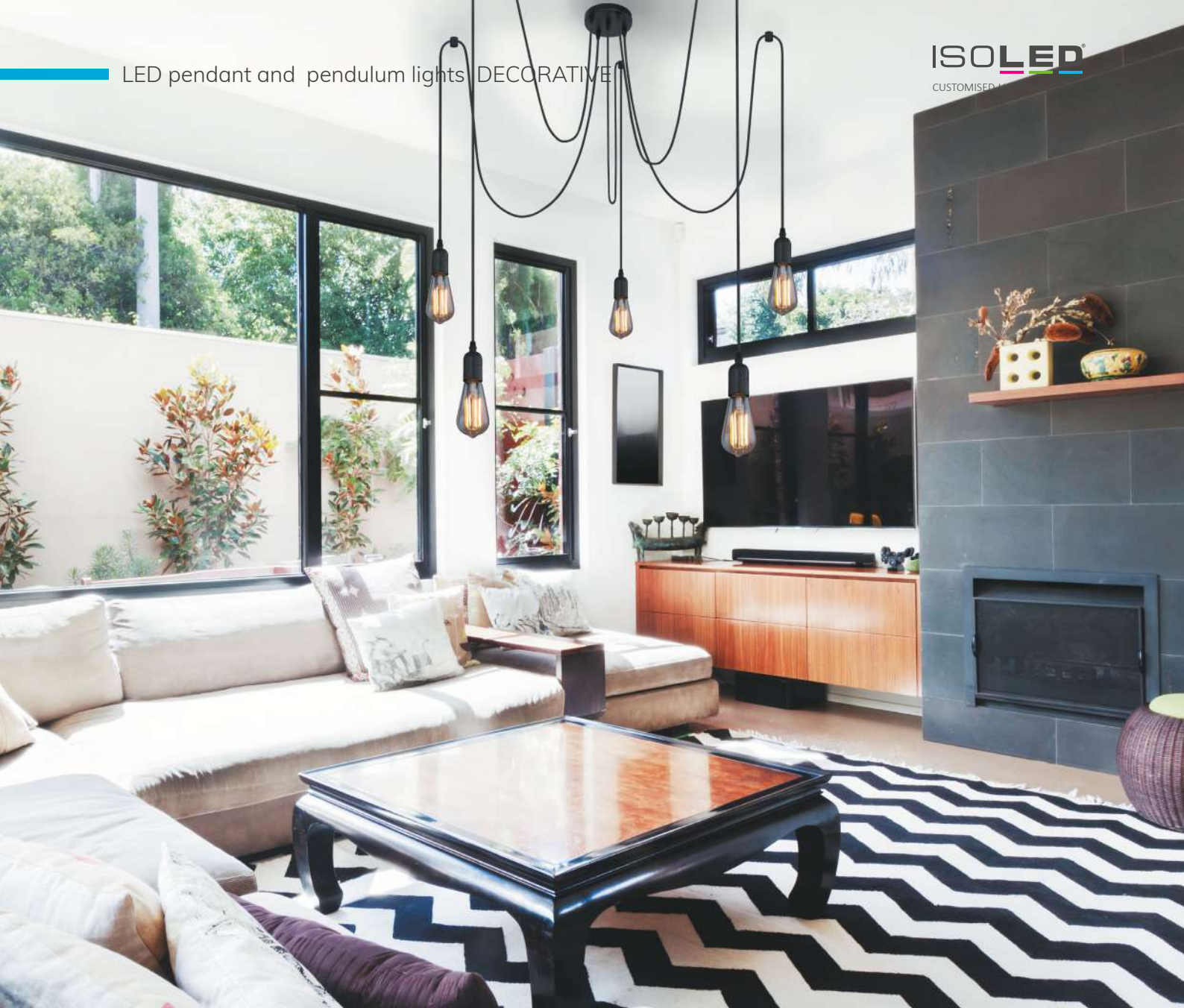
29 w | 29 w | 1.450 lm

● 115657 ● 115659

18 W + 23 W | 41 W | 1.650 Lm

● 115658 ● 115660





PENDANT LIGHT BLACK MATT

5x2m wire suspension
lamp excluded
Socket: 5xE27

115048



PENDANT LIGHT BLACK MATT

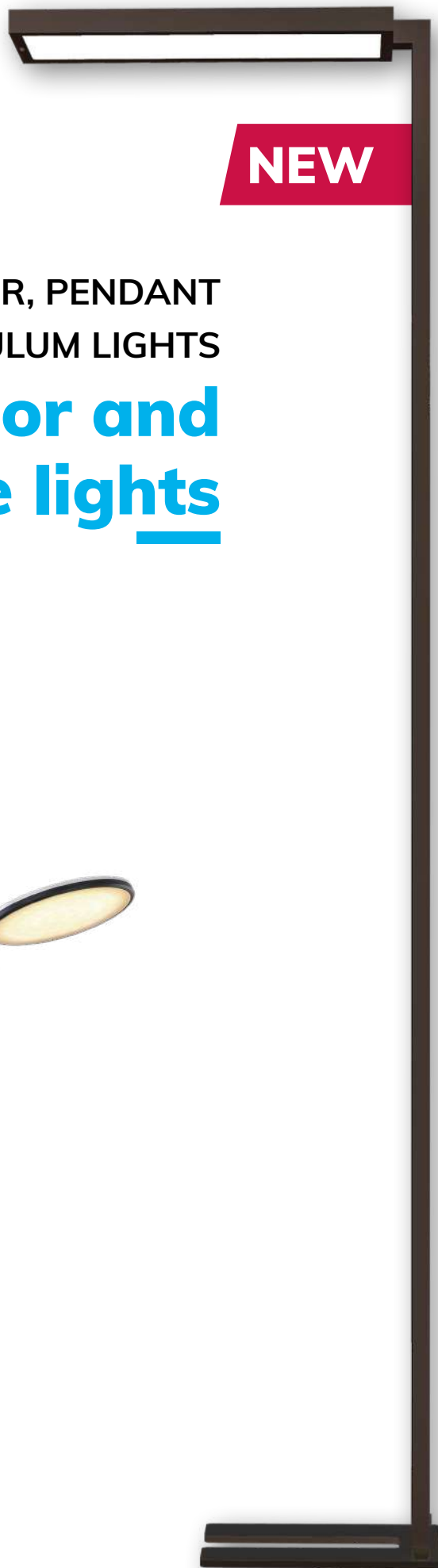
8x1.5 - 3.5m wire suspension
lamp excluded
Socket: 8xE27

115049

NEW

LED FLOOR, PENDANT
AND PENDULUM LIGHTS

LED floor and table lights





item no.	Color:	Lumen	CRI	Special features
115616	White	12.480	80	UGR<19, Up+Down separately adjustable, touch operation. 5 years warranty
115619 CH Plug	White	12.480	80	UGR<19, Up+Down separately adjustable, touch operation. 5 years warranty
115617	Black	12.480	80	UGR<19, Up+Down separately adjustable, touch operation. 5 years warranty
115620 CH Plug	Black	12.480	80	UGR<19, Up+Down separately adjustable, touch operation. 5 years warranty
115618	Silver	12.480	80	UGR<19, Up+Down separately adjustable, touch operation. 5 years warranty
115621 CH Plug	Silver	12.480	80	UGR<19, Up+Down separately adjustable, touch operation. 5 years warranty
114407	Silver	7.500	90	glare reduced, rotary control, 5 years warranty
114857 CH Plug	Silver	7.500	90	glare reduced, rotary control, 5 years warranty
114408	Silver	7.500	90	glare-reduced, rotary control, with light and motion detector, 5 years warranty
114858 CH Plug	Silver	7.500	90	glare-reduced, rotary control, with light and motion detector, 5 years warranty



NEW

5
JAHRE
GARANTIE



LED OFFICE PRO FLOOR LAMPS

220 - 240 V AC | 12.480 LM | 100 W



IP40 | 100 W | Touch-Dimm

220-240 V AC | CRI80 | UGR<19 | 50.000 h |
Ambient temp.: 0° - 40°



NEUTRAL WHITE

Luminous flux: 12.480 Lm

Color temp: 4,000 K

active power: 100.6 W

DIMENSIONS

L: 835 mm | W: 255 mm | H: 1.970 mm



80%

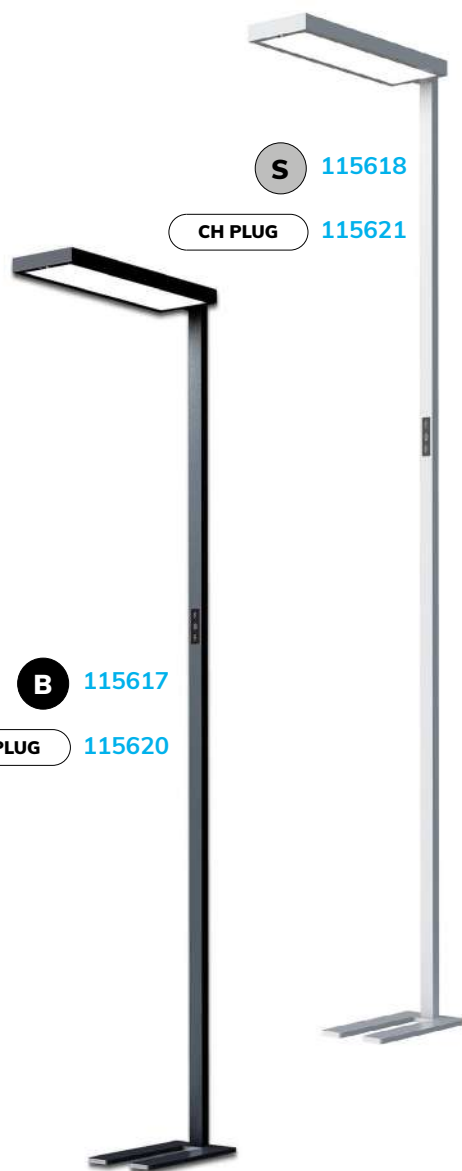
Individual or parallel light
switching of the individual
light directions is possible!

20%



W 115616

CH PLUG 115619



S 115618

CH PLUG 115621

B 115617

CH PLUG 115620



FLOOR LAMP UP+DOWN



Silver

40+40W

220-240 V AC | CRI>90 | IP20 | UGR<19

Active power: 80 W | Ambient temp. : -20° - 40° | 50.000 h L70/B10



DIMENSIONS

L: 610 mm | W: 280 mm | H: 1.970 mm



NEUTRAL WHITE

Luminous flux: 7.500 Lm

Color temp: 4.000 K

dimming controller

114407

CH PLUG

114857



NEUTRAL WHITE

Luminous flux: 7.500 Lm

Color temp: 4.000 K

light/motion sensor

114408

CH PLUG

114858



AVAILABLE WITH DAYLIGHT AND MOTION CONTROL 220-240 V AC | CRI> 90 | IP20 | UGR <19 | DIMMABLE



NEUTRAL WHITE

Luminous flux: 7.500 Lm

Color temp: 4.000 K

dimming controller

114408





**TABLE LAMP BLACK /
NICKEL MATT**

with switch
lamp excluded
Socket: 1xGU10



115006

115007



TABLE LAMP SILVER / BLACK

Colorswitch 3.000-4.300-6.000K
Touch dimmer



115036

115037



Catering Service area



Café/Bistro



Entrance/Reception area

Quality, variety and timeless designs. System solutions for individualists

"Very good advice and quick contact with the professional staff."

Feedback from customer survey 2022

LED RECESSED LIGHTS

CUSTOMISED LIGHT SOLUTIONS



PAGE 227
LED SYS-68
recessed spots



PAGE 231
LED SYS-90
recessed spots



PAGE 233
LED recessed
ceiling spots



PAGE 251
LED downlights



PAGE 279
Installation frames
MR16/GU10



PAGE 287
LED AR111 spotlights
and frames



PAGE 291
LED recessed
wall lights

LED SPOTLIGHT RECESSED SYS-68

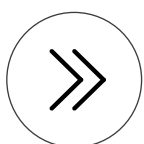
A SOLUTION FOR EVERY DESIGN DREAM!



PRODUCT COMPATIBILITY AND DESIGN VARIETY

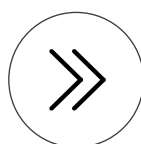
3 LED spotlights recessed can be combined with 13 covers

Protection class IP65 - for outdoor use, in wet rooms and humid locations



Neutral white (4.000 K) or Warm white (3.000 K)

- » Dimmable | with phaseangle or phaseseg-
ment dimming actuators
- » Push/DALI-Dimmable



Installation frame excl. LED illuminants - GU10/
MR16 freely selectable (diameter 50 mm) incl.
GU10 ceramic socket

SPOTLIGHT RECESSED



DIMMABLE | 10 W IP65

113057

Push/Dali-dimmable

114140

Ready to plug in 115080

113056

Push/Dali-dimmable

114139

Ready to plug in 115081

INSTALLATION FRAME GU10/MR16



IP65 | GU10 SOCKET & GLASS
LENS

113055



IP20 | GU10 SOCKET

114937

COVER ALUMINIUM ROUND



WHITE MATT

113058



BLACK MATT

113059



ALU BRUSHED

113060



GOLD BRUSHED

113061



CHROME

113062



STAINLESS STEEL

113350



WHITE MATT
ROUND/EDGE

113499



NICKEL BRUSHED
ROUND/EDGE

113500

COVER ALUMINIUM SQUARE



WHITE MATT

113063



BLACK MATT

113064



ALU BRUSHED

113065



GOLD BRUSHED

113066



CHROME

113067

EXPANSION RING



RECESSED EXPAN-
SION RING ROUND
WHITE MATT

113351



RECESSED EXPAN-
SION RING ROUND
BLACK MATT

113352

LED RECESSED LUMINAIRE
**LED SYS-68 recessed
spots**



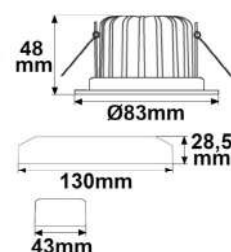
113057 | LED recessed spotlight Sys-68, 10W, IP65, neutral white, dimmable (excl. cover)


nominal power	230V AC	protection class	IP65
active power	10 W	ambient temp.	-20° - 40°
lighting current	875lm	service life	30000 h L70 B10
color temp.	4000K	external transformer included	
CRI	90		



113057	60°	875lm
1 m	1.039 lx	Ø 1,2 m
2 m	260 lx	Ø 2,3 m
3 m	115 lx	Ø 3,5 m

Height: 48mm Dia.: 83mm
Cut-out: 68mm
rec. depth: 42mm



A T G F

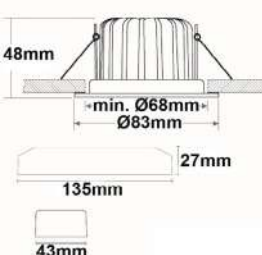

114140 | LED recessed spotlight Sys-68, 10W, IP65, neutral white, push or Dali-dimmable (excl. cover)


nominal power	200-250V AC	protection class	IP65
active power	11 W	ambient temp.	-20° - 40°
lighting current	875lm	service life	30000 h L70 B10
color temp.	4000K	external transformer included	
CRI	95		



114140	60°	875lm
1 m	1.039 lx	Ø 1,2 m
2 m	260 lx	Ø 2,3 m
3 m	115 lx	Ø 3,5 m

Height: 48mm Dia.: 83mm
Cut-out: 68mm
rec. depth: 42mm



A T G F



5 YEAR GUARANTEE

READY TO PLUG IN
WARM WHITE

lighting current: 975 Lm
color temp.: 3000 K

115080

NEUTRAL WHITE

lighting current: 1025 Lm
color temp.: 4000 K

115081

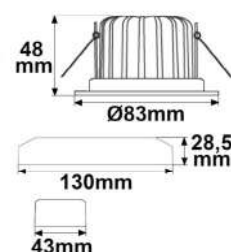

113056 | LED recessed spotlight Sys-68, 10W, IP65, warm white, dimmable (excl. cover)


nominal power	230V AC	protection class	IP65
active power	10 W	ambient temp.	-20° - 40°
lighting current	800lm	service life	30000 h L70 B10
color temp.	3000K	external transformer included	
CRI	95		



113056	60°	800lm
1 m	950 lx	Ø 1,2 m
2 m	238 lx	Ø 2,3 m
3 m	106 lx	Ø 3,5 m

Height: 48mm Dia.: 83mm
Cut-out: 68mm
rec. depth: 42mm



A T G F

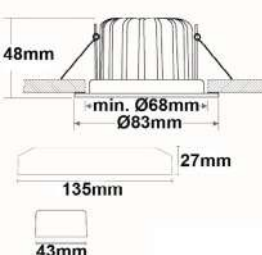

114139 | LED recessed spotlight Sys-68, 10W, IP65, warm white, Push or DALI dimmable (excl. cover)


nominal power	200-250V AC	protection class	IP65
active power	11 W	ambient temp.	-20° - 40°
lighting current	800lm	service life	30000 h L70 B10
color temp.	3000K	external transformer included	
CRI	95		



114139	60°	800lm
1 m	950 lx	Ø 1,2 m
2 m	238 lx	Ø 2,3 m
3 m	106 lx	Ø 3,5 m

Height: 48mm Dia.: 83mm
Cut-out: 68mm
rec. depth: 42mm



A T G F



5 YEAR GUARANTEE

113055 | Installation frame Sys-68 for GU10/MR16 light, incl. GU10 base, IP65

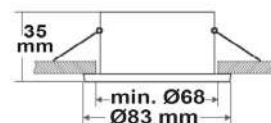


protection class
ambient temp.
lamp excluded

IP65
-20° - 45°C



Height: 35mm Dia.: 83mm
Cut-out: 68mm
rec. depth: 33mm



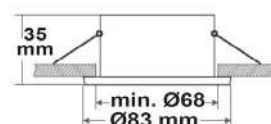
114937 | Sys-68 Surface installation frame for GU10/MR16 illuminant, IP20, incl. GU10 base (excl. cover)



protection class
ambient temp.
lamp excluded

IP20
0° - 40°C

Height: 35mm Dia.: 83mm
Cut-out: 68mm
rec. depth: 33mm



COVER ALUMINIUM ROUND



WHITE MATT
113058



BLACK MATT
113059



ALU BRUSHED
113060



GOLD BRUSHED
113061



CHROME
113062



STAINLESS STEEL
113350



WHITE MATT
ROUND/EDGE
113499



NICKEL BRUSHED
ROUND/EDGE
113500

COVER ALUMINIUM SQUARE



WHITE MATT
113063



BLACK MATT
113064



ALU BRUSHED
113065



GOLD BRUSHED
113066



CHROME
113067

EXPANSION RING



RECESSED EXPAN-
SION RING ROUND
WHITE MATT
113351



RECESSED EXPAN-
SION RING ROUND
BLACK MATT
113352

LED SYS-90 RECESSED SPOTS

COLOR SWITCH | COLOR TEMPERATURE SELECTABLE



PUSH/DALI-DIMMABLE

12 Watt | IP44
incl. external transformer

Optionally switch between 3000 K
and 4000 K or 2300 K and 6000 K

1 spotlight recessed +
7 selectable covers



113335

Color temperature selec-
table via dipswitch



114138 | 115624

Color temperature adjus-
table per Dali scene



ULTRA-FLAT
Color Switch

LED SYS-90 Spotlight recessed

OVERVIEW



LED Recessed Spotlight Sys-90 12 W | Color
Switch

3000 K - 4000 K dimmable **113335**

3000 K - 4000 K Push/Dali dimmable DT8tc **114138**

2700 K - 6000 K Push/Dali dimmable DT8tc **115624**

○ Ready to plug in **114882**

● Ready to plug in **114881**

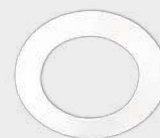
COVER ALUMINIUM



BLACK
113338



CHROME MATT
113337



WHITE
113336

COVER ALUMINIUM RECESSED



BLACK
113355



CHROME MATT
113431



WHITE
113356



WHITE
113339



BLACK
114920

LED RECESSED LUMINAIRE
**LED SYS-90 recessed
spots**



dynamic white
2.300 - 6.000 Kelvin



Push/DALI DT8
dimnable

NEW

115624 | LED spotlight recessed Sys-90, 12W, dynamic white 2300-6000K, Push/DALI DT8 dim. (excl. cover)

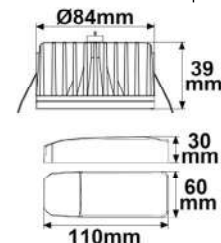

nominal power
active power
lighting current
color temp.
CRI

180-240V AC
11,9 W
775lm
2300-6000K
90

protection class
ambient temp.
service life

IP44
-20° - 40°C
30000 h L70|B10

Height: 41mm Dia.: 108mm
Cut-out: 90mm
rec. depth: 41mm



NEW



115624	100°	775lm
1 m	345 lx	Ø 2,4 m
2 m	86 lx	Ø 4,8 m
3 m	38 lx	Ø 7,2 m

114138 | LED recessed spotlight Sys-90, 12W, dynamic white 3000-4000K, Push or DALI DT8 dim. (excl. cover)

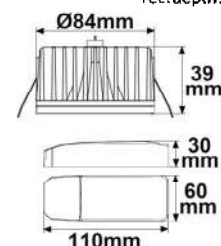

nominal power
active power
lighting current
color temp.
CRI

180-240V AC
11,9 W
1120lm
3000-4000K
82

protection class
ambient temp.
service life
external transformer included

IP44
-20° - 40°
30000 h L70|B10

Height: 41mm Dia.: 108mm
Cut-out: 90mm
rec. depth: 41mm



ISOLED



114138	100°	1120lm
1 m	499 lx	Ø 2,4 m
2 m	125 lx	Ø 4,8 m
3 m	55 lx	Ø 7,2 m

113335 | LED recessed spotlight Sys-90, 12W, ColorSwitch 3000|4000K, dimmable (excl. cover)

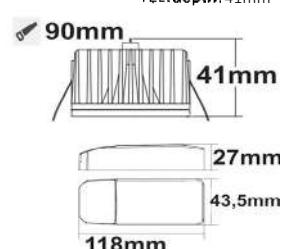

nominal power
active power
lighting current
color temp.
CRI

180-240V AC
11,9 W
1120lm
3000-4000K
82

protection class
ambient temp.
service life
external transformer included

IP44
-20° - 40°C
30000 h L70|B10

Height: 41mm Dia.: 108mm
Cut-out: 90mm
rec. depth: 41mm



ISOLED



113335	100°	1120lm
1 m	499 lx	Ø 2,4 m
2 m	125 lx	Ø 4,8 m
3 m	55 lx	Ø 7,2 m


READY TO PLUG IN

WARM WHITE
lighting current: 775 Lm
color temp.: 3000 K

114881

NEUTRAL WHITE
lighting current: 800 Lm
color temp.: 4000 K

114882


COVER ALUMINIUM


BLACK
113338

CHROME MATT
113337

WHITE
113336

COVER ALUMINIUM RECESSED


BLACK
113355

CHROME MATT
113431

WHITE
113356

WHITE
113339

BLACK
114920

LED RECESSED LUMINAIRE

LED recessed ceiling spots



LED RECESSED LUMINAIRE

SLIM68

New options



12/24V DC | Angular
MiniAMP



24 V | Round MiniAMP -
Non-dimmable



24 V | Round
Dynamic white
dimmable 3-pole



24 V | Angular
Dynamic white
dimmable 3-pole

NEW



LED RECESSED LUMINAIRE SLIM68

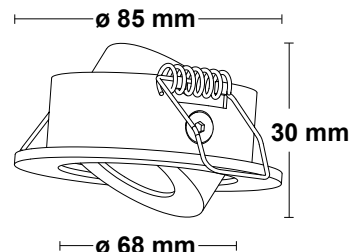
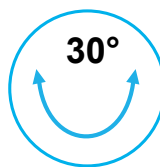
24 V DC

LED recessed luminaire SLIM68

24 V DC | 6/6 Watt | IP40
2700 - 5700 Kelvin | dimmable swiveling
Installation depth 28 mm



Ø 68 mm



May only be operated on a dynamic white controller - Rated power 6W



NEW

Dynamic white Dimmable 3-pole



DYNAMIC WHITE

luminous flux: 525 Lm
Color temp: 2.700 - 5.700 K

 **F 115605**



DYNAMIC WHITE

luminous flux: 525 Lm
Color temp: 2.700 - 5.700 K

 **F 115604**



DYNAMIC WHITE

luminous flux: 525 Lm
Color temp: 2.700 - 5.700 K

 **F 115603**

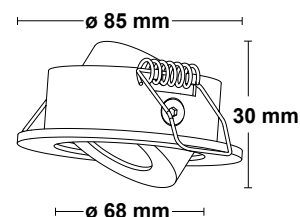
LED recessed luminaire SLIM68

24 V DC | 8 Watt | IP 40 | dimmable | set back
Cable length: 100 cm Installation depth: 28 mm



MINIAMP READY TO PLUG IN

Ø 68 mm



Dimmable



WARM WHITE

luminous flux: 850 Lm
Color temp: 3.000 K

A E 114887



WARM WHITE

luminous flux: 850 Lm
Color temp: 3.000 K

A E 114889



WARM WHITE

luminous flux: 850 Lm
Color temp: 3.000 K

A E 114926



NEUTRAL WHITE

luminous flux: 960 Lm
Color temp: 4.000 K

A D 114888



NEUTRAL WHITE

luminous flux: 960 Lm
Color temp: 4.000 K

A D 114890



NEUTRAL WHITE

luminous flux: 960 Lm
Color temp: 4.000 K

A D 114927

NEW

Not dimmable



WARM WHITE

luminous flux: 850 Lm
Color temp: 3.000 K

A E 115736



WARM WHITE

luminous flux: 850 Lm
Color temp: 3.000 K

A E 115738



WARM WHITE

luminous flux: 850 Lm
Color temp: 3.000 K

A E 115740



NEUTRAL WHITE

luminous flux: 960 Lm
Color temp: 4.000 K

A E 115737



NEUTRAL WHITE

luminous flux: 960 Lm
Color temp: 4.000 K

A E 115739



NEUTRAL WHITE

luminous flux: 960 Lm
Color temp: 4.000 K

A E 115741

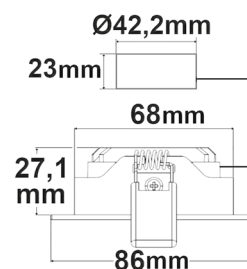
230 V AC

LED recessed luminaire SLIM68

220-240 V AC | 9 Watt | IP40 swiveling
 Installation depth 28 mm



Ø 68 mm



Dimmable



WARM WHITE

luminous flux: 850 Lm
 Color temp: 3.000 K

A++ E 114928



WARM WHITE

luminous flux: 850 Lm
 Color temp: 3.000 K

A++ E 114930



WARM WHITE

luminous flux: 850 Lm
 Color temp: 3.000 K

A++ E 114932



NEUTRAL WHITE

luminous flux: 960 Lm
 Color temp: 4.000 K

A++ E 114929



NEUTRAL WHITE

luminous flux: 960 Lm
 Color temp: 4.000 K

A++ E 114931



NEUTRAL WHITE

luminous flux: 960 Lm
 Color temp: 4.000 K

A++ E 114933

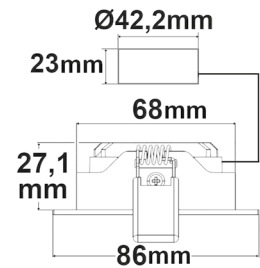
LED recessed luminaire SLIM68

220-240 V AC | 9 Watt | IP40 swiveling

Installation depth 28 mm



Ø 68 mm



Dimmable



WARM WHITE

luminous flux: 850 Lm
Color temp: 3.000 K

A+ E 114883



WARM WHITE

luminous flux: 850 Lm
Color temp: 3.000 K

A+ E 114885



WARM WHITE

luminous flux: 850 Lm
Color temp: 3.000 K

A+ E 114924



NEUTRAL WHITE

luminous flux: 960 Lm
Color temp: 4.000 K

A+ E 114884



NEUTRAL WHITE

luminous flux: 960 Lm
Color temp: 4.000 K

A+ E 114886



NEUTRAL WHITE

luminous flux: 960 Lm
Color temp: 4.000 K

A+ E 114925

DALI-dimmable



WARM WHITE

luminous flux: 840 Lm
Color temp: 3.000 K

A+ E 115488



WARM WHITE

luminous flux: 840 Lm
Color temp: 3.000 K

A+ E 115487



WARM WHITE

luminous flux: 840 Lm
Color temp: 3.000 K

A+ E 115486

HCL SUNSET

24 V DC Dynamic white dimmable 3-pole

NEW

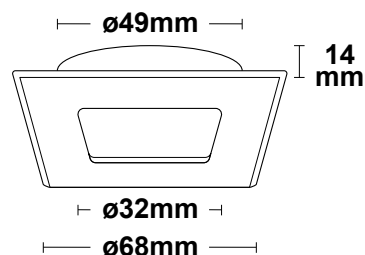
LED recessed luminaire

24 V DC | 3/3 Watt | IP20 1900 - 5000 K
dimmable
Installation depth 11.5 mm

AGG



Ø 49 mm



DYNAMIC WHITE

Luminous flux: 525 Lm
Color temp: 1.900 - 5.000 K

AGG F 115820



May only be operated on a dynamic white controller - Rated power 3W

NEW

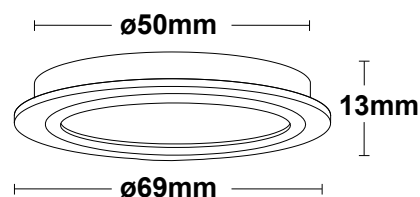
LED recessed luminaire

24 V DC | 3/3 Watt | IP20 1900 - 5000 K
dimmable
Installation depth 10.5 mm

AGG



Ø 49 mm



DYNAMIC WHITE

Luminous flux: 185 Lm
Color temp: 1.900 - 5.000 K

115821



May only be operated on a dynamic white controller - Rated power 3W


115117 | LED Spot dynamic white GU10 8W, 3-pole, 24V DC, silver, 60°, 2700-5700K, CRI80

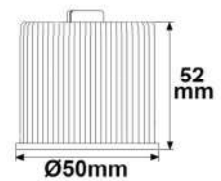

nominal power
active power
lighting current
color temp.
CRI

24V DC
8 W
750lm
2700-5700K
80

protection class
ambient temp.
service life

IP52
-20° - 45°C
40000 h L70|B10

Height: 52mm Dia.: 50mm



115117	60°	750lm
1 m	891 lx	Ø 1,2 m
2 m	223 lx	Ø 2,3 m
3 m	99 lx	Ø 3,5 m


115116 | LED Spot RGB+3000K GU10 8W, 5-pole, 24V DC, silver, 60°, CRI80

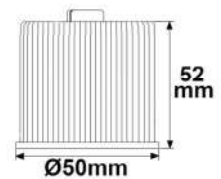

nominal power
active power
lighting current
color temp.
CRI

24V DC
8 W
490lm
RGB+3000K
80

protection class
ambient temp.
service life

IP52
-20° - 45°C
40000 h L70|B10

Height: 52mm Dia.: 50mm



115116	60°	490lm
1 m	582 lx	Ø 1,2 m
2 m	146 lx	Ø 2,3 m
3 m	65 lx	Ø 3,5 m



DALI
 UPGRADE

112671 | LED spotlight recessed SUNSET, white, 15W, 45°, 2200-3100K, dim-to-warm


nominal power
active power
lighting current
color temp.
CRI

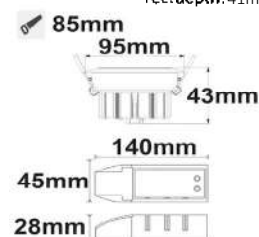
180-240V AC
15 W
1100lm
2200-3100K
95

protection class **IP40**
ambient temp. **-20° - 40°**
service life **35000 h L70|B10**
external transformer included



112671	45°	1100lm
1 m	2.300 lx	Ø 0,8 m
2 m	575 lx	Ø 1,7 m
3 m	256 lx	Ø 2,5 m

Height: 43mm
Dia.: 95mm
Cut-out: 85mm
rec. depth: 41mm


DALI
 UPGRADE

114970 | LED recessed luminaire Sunset Slim68 white, round, 9W, 1800-2800K, dim-to-warm


nominal power
active power
lighting current
color temp.
CRI

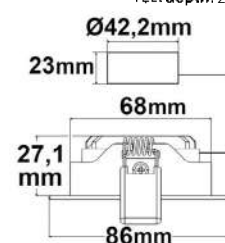
220-240V AC
8,6 W
700lm
1800K-2800K
93

protection class **IP40**
ambient temp. **-20° - 40°**
service life **35000 h L70|B10**
external transformer included



114970	45°	700lm
1 m	1.464 lx	Ø 0,8 m
2 m	366 lx	Ø 1,7 m
3 m	163 lx	Ø 2,5 m

Height: 30,4mm
Dia.: 86mm
Cut-out: 68mm
rec. depth: 27mm


DALI
 UPGRADE

114972 | LED recessed luminaire Sunset Slim68 black, round, 9W, 1800-2800K, dim-to-warm


nominal power
active power
lighting current
color temp.
CRI

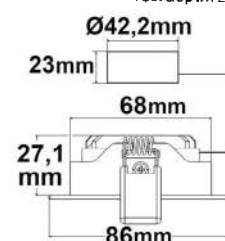
220-240V AC
8,6 W
700lm
1800K-2800K
93

protection class **IP40**
ambient temp. **-20° - 40°**
service life **35000 h L70|B10**
external transformer included



114972	45°	700lm
1 m	1.464 lx	Ø 0,8 m
2 m	366 lx	Ø 1,7 m
3 m	163 lx	Ø 2,5 m

Height: 30,4mm
Dia.: 86mm
Cut-out: 68mm
rec. depth: 27mm


DALI
 UPGRADE

114968 | LED recessed luminaire Sunset Slim68 Alu, round, 9W, 1800-2800K, dim-to-warm


nominal power
active power
lighting current
color temp.
CRI

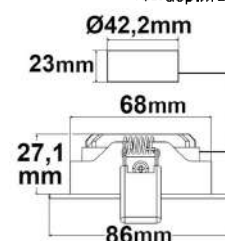
220-240V AC
8,6 W
700lm
1800K-2800K
93

protection class **IP40**
ambient temp. **-20° - 40°**
service life **35000 h L70|B10**
external transformer included



114968	45°	700lm
1 m	1.464 lx	Ø 0,8 m
2 m	366 lx	Ø 1,7 m
3 m	163 lx	Ø 2,5 m

Height: 30,4mm
Dia.: 86mm
Cut-out: 68mm
rec. depth: 27mm



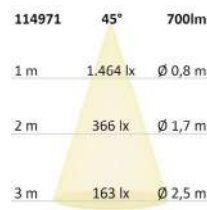
114971 | LED recessed luminaire Sunset Slim68 white, angular, 9W, 1800-2800K, dim-to-warm



nominal power
active power
lighting current
color temp.
CRI

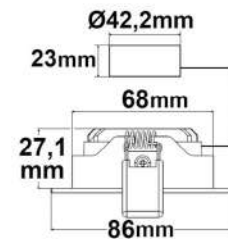
220-240V AC
8,6 W
700lm
1800K-2800K
93

protection class **IP40**
ambient temp. **-20° - 40°**
service life **35000 h L70|B10**
external transformer included



Length: 86mm
Width: 86mm
Height: 30,4mm

Cut-out: 68mm
rec. depth: 27mm



DALI
UPGRADE

114973 | LED recessed luminaire Sunset Slim68 black, angular, 9W, 1800-2800K, dim-to-warm



nominal power
active power
lighting current
color temp.
CRI

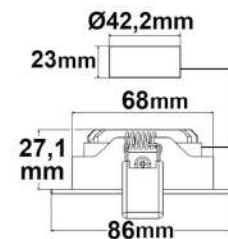
220-240V AC
8,6 W
700lm
1800K-2800K
93

protection class **IP40**
ambient temp. **-20° - 40°**
service life **35000 h L70|B10**
external transformer included



Length: 86mm
Width: 86mm
Height: 30,4mm

Cut-out: 68mm
rec. depth: 27mm



DALI
UPGRADE

114969 | LED recessed luminaire Sunset Slim68 Alu, angular, 9W, 1800-2800K, dim-to-warm



nominal power
active power
lighting current
color temp.
CRI

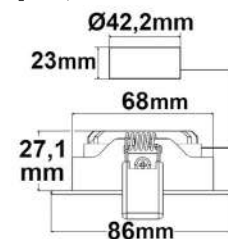
220-240V AC
8,6 W
700lm
1800-2800K
93

protection class **IP40**
ambient temp. **-20° - 40°**
service life **35000 h L70|B10**
external transformer included



Length: 86mm
Width: 86mm
Height: 30,4mm

Cut-out: 68mm
rec. depth: 27mm



DALI
UPGRADE

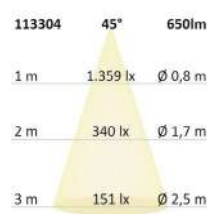
113304 | LED spotlight recessed SUNSET with variable depth, white, 9W, 45°, 2000-2800K, dim-to-warm



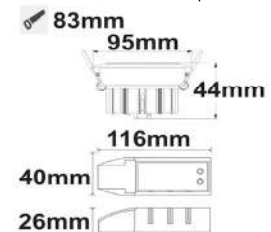
nominal power
active power
lighting current
color temp.
CRI

230V AC
8 W
650lm
2000-2800K
90

protection class **IP40**
ambient temp. **-20° - 40°**
service life **35000 h L70|B10**
external transformer included



Height: 44mm
Dia.: 95mm
Cut-out: 83mm
rec. depth: 42mm

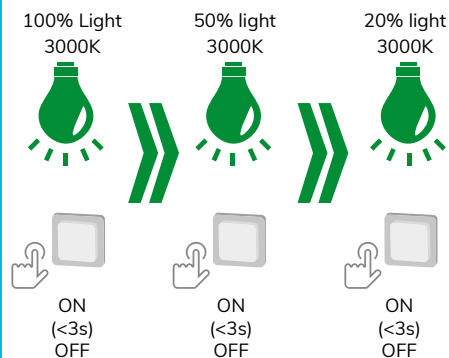


DALI
UPGRADE

Weatherproof due to polycarbonate
in ALU-Brushed optics

PC68

3 LEVELS DIMMABLE



115199 | LED recessed spot PC68 IP44, brushed, 5W, 38°, 3000K, SwitchDim



A
t
g
F

nominal power
active power
lighting current
color temp.
CRI

100-240V AC
5,4 W
400lm
3000K
80

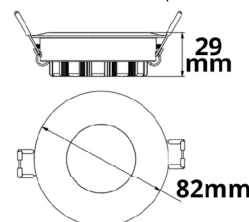
protection class
ambient temp.
service life

IP44
-20° - 40°
30000 h L70|B10



115199	38°	400lm
1 m	1.169 lx	Ø 0,7 m
2 m	292 lx	Ø 1,4 m
3 m	130 lx	Ø 2,1 m

Height: 29mm
Dia.: 82mm
Cut-out: 72mm
rec. depth: 35mm



115200 | LED recessed spot PC68 IP44, brushed, 5W, 38°, 4000k, SwitchDim



A
t
g
F

nominal power
active power
lighting current
color temp.
CRI

100-240V AC
5,4 W
420lm
4000K
80

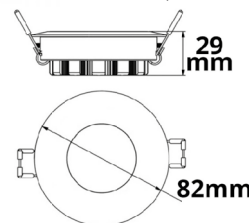
protection class
ambient temp.
service life

IP44
-20° - 40°
30000 h L70|B10

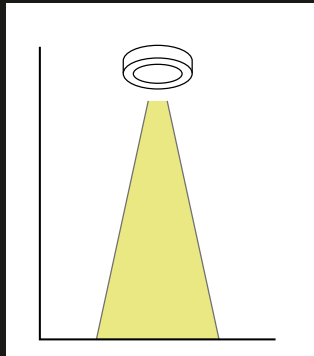


115200	38°	420lm
1 m	1.227 lx	Ø 0,7 m
2 m	307 lx	Ø 1,4 m
3 m	136 lx	Ø 2,1 m

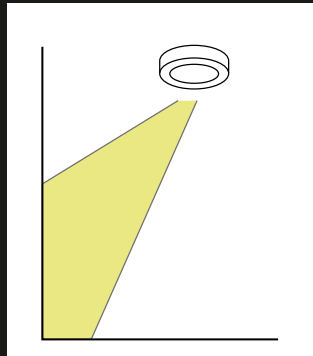
Height: 29mm
Dia.: 82mm
Cut-out: 72mm
rec. depth: 35mm



LED spotlight recessed asymmetric



NORMAL SPOT

ASYMMETRIC SPOTLIGHT DIMMABLE/
ROTATABLE/SWIVELABLESHOP WINDOW &
EXHIBITION AREAS

SHOP & RETAIL

HOTEL INDUSTRY &
GASTRONOMY

MUSEUMS



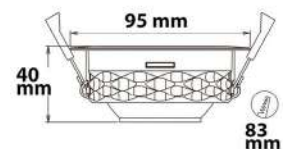
114147 | LED spotlight recessed asymmetric COB, white, 8W, 50°, IP44, round, warm white, dimmable



A G

nominal power
active power
lighting current
color temp.
CRI220-240V AC
8 W
550lm
3000K
94protection class
ambient temp.
service life
external transformer includedIP44
-20° - 50°
50000 h L70|B10

114147	50°	550lm
1 m	934 lx	Ø 0,9 m
2 m	234 lx	Ø 1,9 m
3 m	104 lx	Ø 2,8 m

Height: 40mm
Dia.: 95mm
Cut-out: 83mm
rec. depth: 46mmDALI
UPGRADE

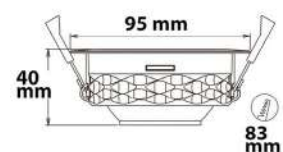
114148 | LED spotlight recessed asymmetric COB, white, 8W, 50°, IP44, round, neutral white, dimmable



A G

nominal power
active power
lighting current
color temp.
CRI220-240V AC
8 W
550lm
4000K
94protection class
ambient temp.
service life
external transformer includedIP44
-20° - 50°
50000 h L70|B10

114148	50°	550lm
1 m	934 lx	Ø 0,9 m
2 m	234 lx	Ø 1,9 m
3 m	104 lx	Ø 2,8 m

Height: 40mm
Dia.: 95mm
Cut-out: 83mm
rec. depth: 46mmDALI
UPGRADE

**DALI
UPGRADE**

114143 | LED recessed spotlight, white, 8W, 36°, round, warm white, IP65, dimmable

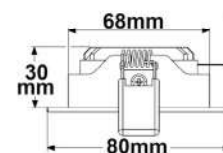


nominal power
active power
lighting current
color temp.
CRI

200-240V AC
7,8 W
650lm
3000K
94

protection class **IP65**
ambient temp. **-20° - 40°**
service life **40000 h** L70|B10
external transformer included

Height: 30mm Dia.: 80mm
Cut-out: 68-72mm
rec. depth: 30mm



	114143	36°	650lm
1 m	2.114 lx	Ø 0,6 m	
2 m	529 lx	Ø 1,3 m	
3 m	235 lx	Ø 1,9 m	

**DALI
UPGRADE**

114144 | LED recessed spotlight, white, 8W, IP65, 60°, round, warm white, IP65, dimmable

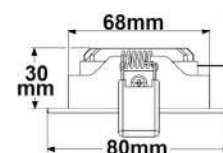


nominal power
active power
lighting current
color temp.
CRI

200-240V AC
7,8 W
650lm
3000K
94

protection class **IP65**
ambient temp. **-20° - 40°**
service life **40000 h** L70|B10
external transformer included

Height: 30mm Dia.: 80mm
Cut-out: 68-72mm
rec. depth: 30mm



	114144	60°	650lm
1 m	772 lx	Ø 1,2 m	
2 m	193 lx	Ø 2,3 m	
3 m	86 lx	Ø 3,5 m	

**DALI
UPGRADE**

113305 | LED spotlight recessed, white, 15W, 45°, neutral white, dimmable

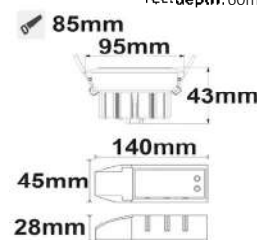


nominal power
active power
lighting current
color temp.
CRI

180-240V AC
15 W
1250lm
4000K
90

protection class **IP40**
ambient temp. **-20° - 40°**
service life **30000 h** L70|B10
external transformer included

Height: 43mm Dia.: 95mm
Cut-out: 85mm
rec. depth: 60mm



	113305	45°	1250lm
1 m	2.614 lx	Ø 0,8 m	
2 m	654 lx	Ø 1,7 m	
3 m	290 lx	Ø 2,5 m	

**DALI
UPGRADE**

112472 | LED spotlight recessed COB, white, 15W, 45°, round, neutral white, dimmable

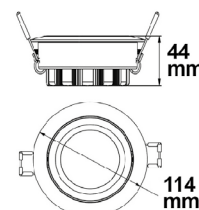


nominal power
active power
lighting current
color temp.
CRI

180-240V AC
15,1 W
1300lm
4000K
92

protection class **IP20**
ambient temp. **-20° - 40°**
service life **35000 h** L70|B10
external transformer included

Height: 44mm Dia.: 114mm
Cut-out: 98mm
rec. depth: 42mm



	112472	45°	1300lm
1 m	2.718 lx	Ø 0,8 m	
2 m	680 lx	Ø 1,7 m	
3 m	302 lx	Ø 2,5 m	

112471 | LED spotlight recessed COB, white, 15W, 45°, round, warm white, dimmable

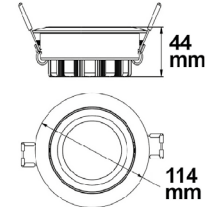


nominal power **180-240V AC** protection class **IP20**
active power **15,1 W** ambient temp. **-20° - 40°**
lighting current **1200lm** service life **35000 h L70|B10**
color temp. **2800K** **external transformer included**
CRI **80**



112471	45°	1200lm
1 m	2.509 lx	Ø 0,8 m
2 m	627 lx	Ø 1,7 m
3 m	279 lx	Ø 2,5 m

Height: 44mm Dia.: 114mm
Cut-out: 98mm
rec. depth: 42mm



DALI
UPGRADE

112049 | LED spotlight recessed, white, 8W, 72°, round, warm white, dimmable

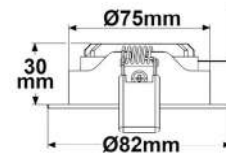


nominal power **180-240V AC** protection class **IP40**
active power **8 W** ambient temp. **-20° - 40°**
lighting current **800lm** service life **35000 h L70|B10**
color temp. **2700K** **external transformer included**
CRI **80**



112049	72°	800lm
1 m	667 lx	Ø 1,5 m
2 m	167 lx	Ø 2,9 m
3 m	74 lx	Ø 4,4 m

Height: 27mm Dia.: 82mm
Cut-out: 75mm
rec. depth: 30mm



DALI
UPGRADE

112047 | LED spotlight recessed, white, 8W SMD, 120°, round, warm white, dimmable

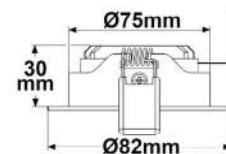


nominal power **180-240V AC** protection class **IP40**
active power **8 W** ambient temp. **-20° - 40°**
lighting current **800lm** service life **35000 h L70|B10**
color temp. **2700K** **external transformer included**
CRI **82**



112047	120°	800lm
1 m	255 lx	Ø 3,5 m
2 m	64 lx	Ø 6,9 m
3 m	28 lx	Ø 10,4 m

Height: 27mm Dia.: 82mm
Cut-out: 75mm
rec. depth: 30mm



DALI
UPGRADE

112391 | LED spotlight recessed, white, 15W, 72°, round, neutral white, dimmable

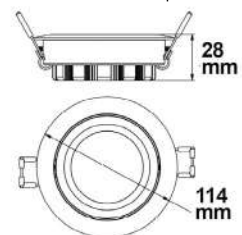


nominal power **180-240V AC** protection class **IP40**
active power **13,5 W** ambient temp. **-20° - 40°**
lighting current **1500lm** service life **35000 h L70|B10**
color temp. **4000K** **external transformer included**
CRI **80**



112391	72°	1500lm
1 m	1.250 lx	Ø 1,5 m
2 m	313 lx	Ø 2,9 m
3 m	139 lx	Ø 4,4 m

Height: 28mm Dia.: 114mm
Cut-out: 98mm
rec. depth: 26mm



DALI
UPGRADE

DALI
 UPGRADE

112390 | LED spotlight recessed, white, 15W, 72°, round, warm white, dimmable


nominal power
active power
lighting current
color temp.
CRI

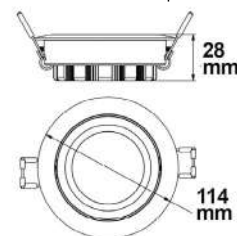
180-240V AC
13,5 W
1400lm
2700K
81

protection class **IP40**
ambient temp. **-20° - 40°**
service life **35000 h L70|B10**
external transformer included



112390	72°	1400lm
1 m	1.167 lx	Ø 1,5 m
2 m	292 lx	Ø 2,9 m
3 m	130 lx	Ø 4,4 m

Height: 28mm Dia.: 114mm
Cut-out: 98mm
rec. depth: 26mm



A T G **E**


DALI
 UPGRADE

114145 | LED recessed spotlight, silver, 8W, 36°, round, warm white, IP65, dimmable


nominal power
active power
lighting current
color temp.
CRI

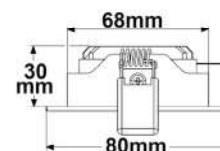
200-240V AC
7,8 W
650lm
3000K
94

protection class **IP65**
ambient temp. **-20° - 40°**
service life **40000 h L70|B10**
external transformer included



114145	36°	650lm
1 m	2.114 lx	Ø 0,6 m
2 m	529 lx	Ø 1,3 m
3 m	235 lx	Ø 1,9 m

Height: 30mm Dia.: 80mm
Cut-out: 68-72mm
rec. depth: 30mm



A T G **F**


DALI
 UPGRADE

114146 | LED recessed spotlight, silver, 8W, 60°, round, warm white, IP65, dimmable


nominal power
active power
lighting current
color temp.
CRI

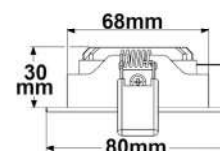
200-240V AC
7,8 W
650lm
3000K
94

protection class **IP65**
ambient temp. **-20° - 40°**
service life **40000 h L70|B10**
external transformer included



114146	60°	650lm
1 m	772 lx	Ø 1,2 m
2 m	193 lx	Ø 2,3 m
3 m	86 lx	Ø 3,5 m

Height: 30mm Dia.: 80mm
Cut-out: 68-72mm
rec. depth: 30mm



A T G **F**


DALI
 UPGRADE

112470 | LED spotlight recessed, silver, 15W, 72°, round, neutral white, dimmable


nominal power
active power
lighting current
color temp.
CRI

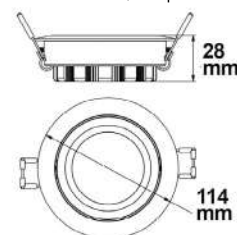
180-240V AC
13,5 W
1500lm
4000K
80

protection class **IP40**
ambient temp. **-20° - 40°**
service life **35000 h L70|B10**
external transformer included



112470	72°	1500lm
1 m	1.250 lx	Ø 1,5 m
2 m	313 lx	Ø 2,9 m
3 m	139 lx	Ø 4,4 m

Height: 28mm Dia.: 114mm
Cut-out: 98mm
rec. depth: 26mm



A T G **E**



DALI Upgrade
with item 115807
DALI to phase
section

MORE ON PAGE
463

112469 | LED spotlight recessed, silver, 15W, 72°, round, warm white, dimmable

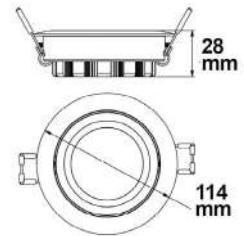


nominal power **180-240V AC** protection class **IP40**
active power **13,5 W** ambient temp. **-20° - 40°**
lighting current **1400lm** service life **35000 h L70|B10**
color temp. **2700K** external transformer included
CRI **83**



112469	72°	1400lm
1 m	1.167 lx	Ø 1,5 m
2 m	292 lx	Ø 2,9 m
3 m	130 lx	Ø 4,4 m

Height: 28mm Dia.: 114mm
Cut-out: 98mm
rec. depth: 26mm



A+ E



112048 | LED spotlight recessed, silver, 8W SMD, 120°, round, warm white, dimmable

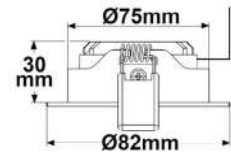


nominal power **180-240V AC** protection class **IP40**
active power **8 W** ambient temp. **-20° - 40°**
lighting current **800lm** service life **35000 h L70|B10**
color temp. **2700K** external transformer included
CRI **82**



112048	120°	800lm
1 m	255 lx	Ø 3,5 m
2 m	64 lx	Ø 6,9 m
3 m	28 lx	Ø 10,4 m

Height: 27mm Dia.: 82mm
Cut-out: 75mm
rec. depth: 30mm



A+ E



112050 | LED spotlight recessed, silver, 8W, 72°, round, warm white, dimmable

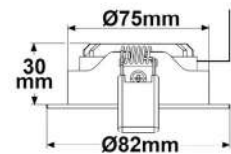


nominal power **180-240V AC** protection class **IP40**
active power **8 W** ambient temp. **-20° - 40°**
lighting current **800lm** service life **35000 h L70|B10**
color temp. **2700K** external transformer included
CRI **80**



112050	72°	800lm
1 m	667 lx	Ø 1,5 m
2 m	167 lx	Ø 2,9 m
3 m	74 lx	Ø 4,4 m

Height: 27mm Dia.: 82mm
Cut-out: 75mm
rec. depth: 30mm



A+ E



111994 | LED spotlight recessed, 3W, 45°, round, Alu curved, warm white

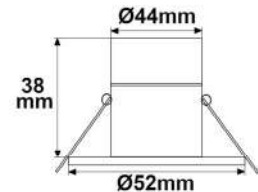


nominal power **100-240V AC** protection class **IP40**
active power **3,4 W** ambient temp. **-20° - 40°**
lighting current **200lm** service life **30000 h L70|B10**
color temp. **3000K** external transformer included
CRI **80**



111994	45°	200lm
1 m	418 lx	Ø 0,8 m
2 m	105 lx	Ø 1,7 m
3 m	46 lx	Ø 2,5 m

Height: 43mm Dia.: 52mm
Cut-out: 44mm
rec. depth: 38mm



A+ G



DALI
UPGRADE

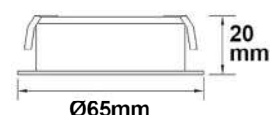
DALI
UPGRADE

112033 | LED furniture recessed spotlight COB with reflector, 3W, 60°, nickel, warm white


nominal power **230V AC**
 active power **4,4 W**
 lighting current **220lm**
 color temp. **2700K**
 CRI **80**

protection class **IP40**
 ambient temp. **-20° - 40°**
 service life **35000 h L70|B10**
external transformer included

Height: 20mm Dia.: 65mm
 Cut-out: 57mm
 rec. depth: 20mm



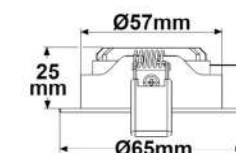
112033	60°	220lm
1 m	261 lx	Ø 1,2 m
2 m	65 lx	Ø 2,3 m
3 m	29 lx	Ø 3,5 m

112032 | LED recessed spotlight COB with reflector, 5W, 60°, nickel, warm white


nominal power **230V AC**
 active power **6,5 W**
 lighting current **400lm**
 color temp. **2700K**
 CRI **80**

protection class **IP40**
 ambient temp. **-20° - 40°**
 service life **35000 h L70|B10**
external transformer included

Height: 21mm Dia.: 65mm
 Cut-out: 57mm
 rec. depth: 25mm



112032	60°	400lm
1 m	475 lx	Ø 1,2 m
2 m	119 lx	Ø 2,3 m
3 m	53 lx	Ø 3,5 m



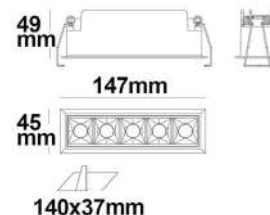
Grid Line

113847 | LED recessed light grid line white/black, dimmable, 10W, warm white


nominal power **220-240V AC**
 active power **10,3 W**
 lighting current **650lm**
 color temp. **3000K**
 CRI **90**

protection class **IP20**
 ambient temp. **0° - 40°C**
 service life **30000 h L70|B10**
external transformer included

Length: 147mm Cut-out: 140x37mm
 Width: 45mm rec. depth: 46mm
 Height: 49mm



113847	30°	650lm
1 m	3.036 lx	Ø 0,5 m
2 m	759 lx	Ø 1,1 m
3 m	337 lx	Ø 1,6 m

113845 | LED recessed light grid line white/black, 10W, neutral white, swivelling

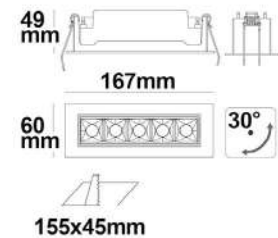


nominal power **220-240V AC** protection class **IP20**
active power **10 W** ambient temp. **-20° - 40°**
lighting current **650lm** service life **30000 h L70|B10**
color temp. **4000K** external transformer included
CRI **90**



113845	15°	650lm
1 m	12.092 lx	Ø 0,3 m
2 m	3.023 lx	Ø 0,5 m
3 m	1.344 lx	Ø 0,8 m

Length: 167mm Cut-out: 155x45mm
Width: 60mm rec. depth: 46mm
Height: 49mm



113848 | LED recessed light grid line white/black, dimmable, 20W, warm white

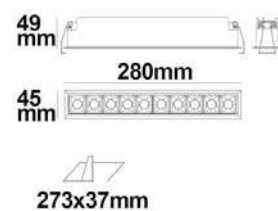


nominal power **220-240V AC** protection class **IP20**
active power **21 W** ambient temp. **-20° - 40°**
lighting current **1300lm** service life **30000 h L70|B10**
color temp. **3000K** external transformer included
CRI **90**



113848	30°	1300lm
1 m	6.072 lx	Ø 0,5 m
2 m	1.518 lx	Ø 1,1 m
3 m	0.675 lx	Ø 1,6 m

Length: 280mm Cut-out: 273x37mm
Width: 45mm rec. depth: 46mm
Height: 49mm



113849 | LED recessed light grid line white/black, dimmable, 30W, warm white

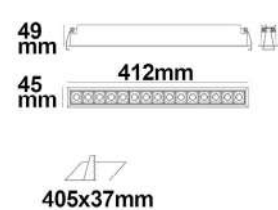


nominal power **220-240V AC** protection class **IP20**
active power **31 W** ambient temp. **-20° - 40°**
lighting current **1950lm** service life **30000 h L70|B10**
color temp. **3000K** external transformer included
CRI **90**



113849	30°	1950lm
1 m	9.108 lx	Ø 0,5 m
2 m	2.277 lx	Ø 1,1 m
3 m	1.012 lx	Ø 1,6 m

Length: 415mm Cut-out: 403x37mm
Width: 45mm rec. depth: 46mm
Height: 49mm



113846 | LED recessed light grid line white/black, 20W, neutral white, swivelling

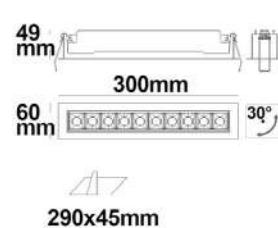


nominal power **220-240V AC** protection class **IP20**
active power **18,6 W** ambient temp. **-20° - 40°**
lighting current **1300lm** service life **30000 h L70|B10**
color temp. **4000K** external transformer included
CRI **90**



113846	15°	1300lm
1 m	24.184 lx	Ø 0,3 m
2 m	6.046 lx	Ø 0,5 m
3 m	2.687 lx	Ø 0,8 m

Length: 300mm Cut-out: 290x45mm
Width: 60mm rec. depth: 46mm
Height: 49mm





LED RECESSED LUMINAIRE

LED Downlights



PAGE 252
Variable
Hole cutout



PAGE 258
Round
Hole cutout



PAGE 275
Square
Hole cutout

Variabler Hole cut-out

113756 | LED Downlight Flex 8W, prismatic, 120°, hole cut-out 50-100mm, neutral white



nominal power
active power
lighting current
color temp.
CRI

90-265V AC
7,6 W
650lm
4000K
80

protection class
ambient temp.
service life
external transformer included

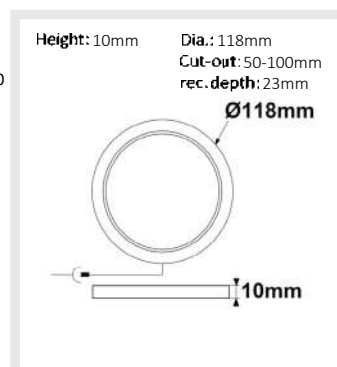
IP52

-20° - 40°

25000 h L70|B10



113756	120°	650lm
1 m	207 lx	Ø 3,5 m
2 m	52 lx	Ø 6,9 m
3 m	23 lx	Ø 10,4 m



**DALI
UPGRADE**

114113 | LED Downlight Flex 8W, prismatic, 120°, hole cutout 50-100mm neutral white, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
8,7 W
650lm
4000K
90

protection class
ambient temp.
service life
external transformer included

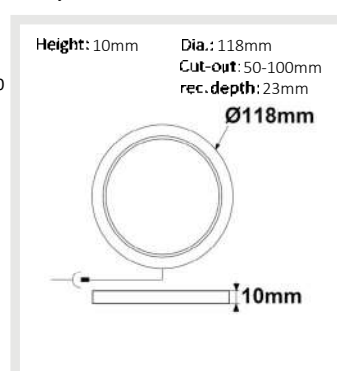
IP52

-20° - 40°

50000 h L70|B10



114113	120°	650lm
1 m	207 lx	Ø 3,5 m
2 m	52 lx	Ø 6,9 m
3 m	23 lx	Ø 10,4 m



113753 | LED downlight Flex 8W, prismatic, 120°, hole cut-out 50-100mm, warm white



nominal power
active power
lighting current
color temp.
CRI

90-265V AC
7,6 W
650lm
3000K
80

protection class
ambient temp.
service life
external transformer included

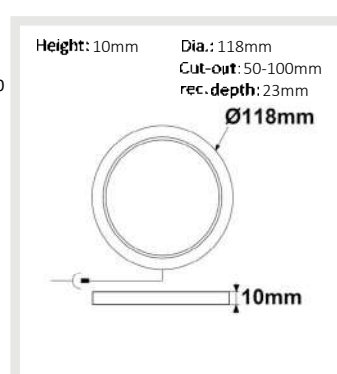
IP52

-20° - 40°

25000 h L70|B10



113753	120°	650lm
1 m	207 lx	Ø 3,5 m
2 m	52 lx	Ø 6,9 m
3 m	23 lx	Ø 10,4 m



**DALI
UPGRADE**

114112 | LED downlight Flex 8W, prismatic, 120°, hole cut-out 50-100mm, warm white, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
8,7 W
650lm
3000K
90

protection class
ambient temp.
service life
external transformer included

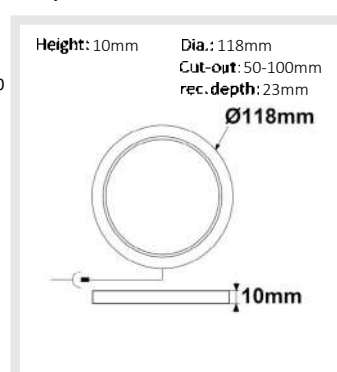
IP52

-20° - 40°

50000 h L70|B10



114112	120°	650lm
1 m	207 lx	Ø 3,5 m
2 m	52 lx	Ø 6,9 m
3 m	23 lx	Ø 10,4 m



113757 | LED Downlight Flex 15W, prismatic, 120°, hole cut-out 50-160mm, neutral white



nominal power **90-265V AC**
active power **14,6 W**
lighting current **1300lm**
color temp. **4000K**
CRI **80**

protection class **IP52**
ambient temp. **-20° - 40°**
service life **25000 h L70|B10**
external transformer included

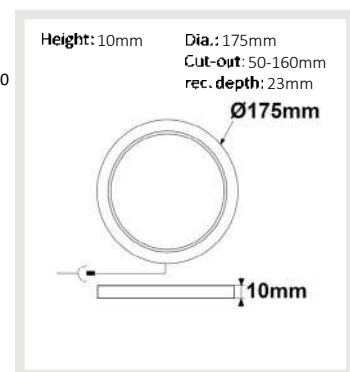









Height	Beam Angle	Lighting Current	Beam Diameter
1 m	120°	414 lx	Ø 3,5 m
2 m	120°	104 lx	Ø 6,9 m
3 m	120°	46 lx	Ø 10,4 m



114115 | LED Downlight Flex 15W, prismatic, 120°, hole cutout 50-160mm, neutral white, dimmable



nominal power **220-240V AC**
active power **16 W**
lighting current **1400lm**
color temp. **4000K**
CRI **90**

protection class **IP52**
ambient temp. **-20° - 40°**
service life **50000 h L70|B10**
external transformer included

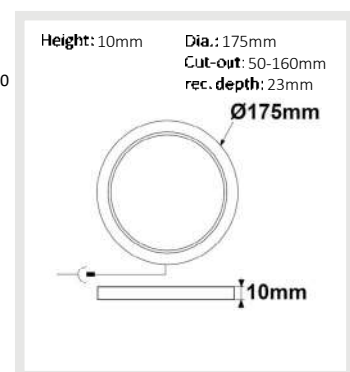









Height	Beam Angle	Lighting Current	Beam Diameter
1 m	120°	446 lx	Ø 3,5 m
2 m	120°	112 lx	Ø 6,9 m
3 m	120°	50 lx	Ø 10,4 m



**DALI
UPGRADE**

113754 | LED Downlight Flex 15W, prismatic, 120°, hole cut-out 50-160mm, warm white



nominal power **90-265V AC**
active power **14,6 W**
lighting current **1300lm**
color temp. **3000K**
CRI **80**

protection class **IP52**
ambient temp. **-20° - 40°**
service life **25000 h L70|B10**
external transformer included

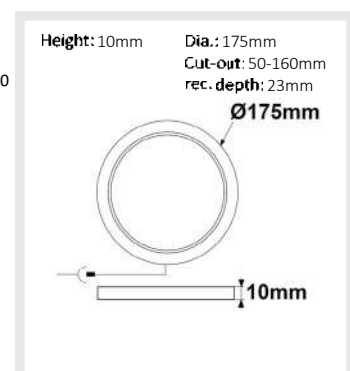









Height	Beam Angle	Lighting Current	Beam Diameter
1 m	120°	414 lx	Ø 3,5 m
2 m	120°	104 lx	Ø 6,9 m
3 m	120°	46 lx	Ø 10,4 m



114114 | LED Downlight Flex 15W, prismatic, 120°, hole cutout 50-160mm, warm white, dimmable



nominal power **220-240V AC**
active power **16 W**
lighting current **1350lm**
color temp. **3000K**
CRI **90**

protection class **IP52**
ambient temp. **-20° - 40°**
service life **50000 h L70|B10**
external transformer included

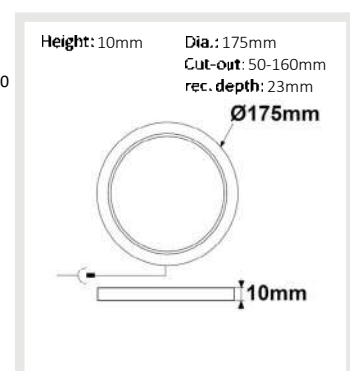









Height	Beam Angle	Lighting Current	Beam Diameter
1 m	120°	430 lx	Ø 3,5 m
2 m	120°	108 lx	Ø 6,9 m
3 m	120°	48 lx	Ø 10,4 m



**DALI
UPGRADE**

113758 | LED Downlight Flex 23W, prismatic, 120°, hole cutout 50-210mm, neutral white



nominal power
active power
lighting current
color temp.
CRI

90-265V AC
22,6 W
2200lm
4000K
80

protection class
ambient temp.
service life
external transformer included

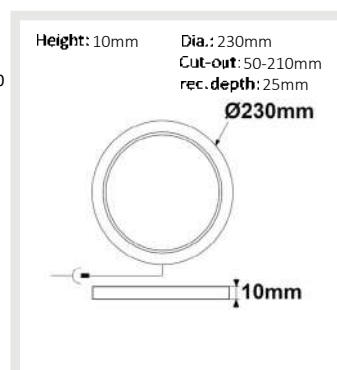
IP52

-20° - 40°

25000 h L70|B10



	113758	120°	2200lm
1 m	700 lx	Ø 3,5 m	
2 m	175 lx	Ø 6,9 m	
3 m	78 lx	Ø 10,4 m	



**DALI
UPGRADE**

114117 | LED downlight Flex 23W, prismatic, 120°, hole cut-out 50-210mm, neutral white, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
24 W
2200lm
4000K
90

protection class
ambient temp.
service life
external transformer included

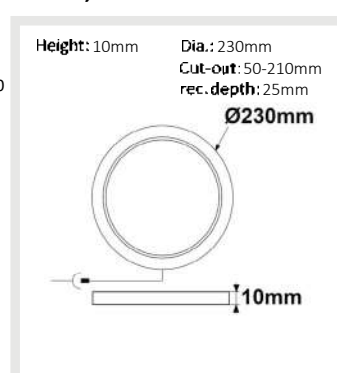
IP52

-20° - 40°

50000 h L70|B10



	114117	120°	2200lm
1 m	700 lx	Ø 3,5 m	
2 m	175 lx	Ø 6,9 m	
3 m	78 lx	Ø 10,4 m	



113755 | LED Downlight Flex 23W, prismatic, 120°, hole cut-out 50-210mm, warm white



nominal power
active power
lighting current
color temp.
CRI

90-265V AC
22,6 W
2200lm
3000K
80

protection class
ambient temp.
service life
external transformer included

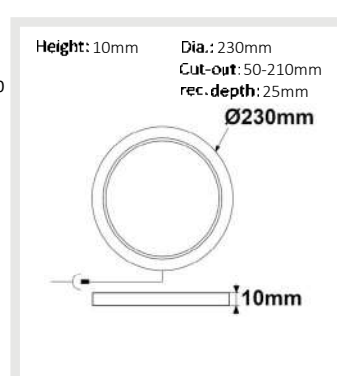
IP52

-20° - 40°

25000 h L70|B10



	113755	120°	2200lm
1 m	700 lx	Ø 3,5 m	
2 m	175 lx	Ø 6,9 m	
3 m	78 lx	Ø 10,4 m	



**DALI
UPGRADE**

114116 | LED Downlight Flex 23W, prismatic, 120°, hole cutout 50-210mm, warm white, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
24 W
2100lm
3000K
90

protection class
ambient temp.
service life
external transformer included

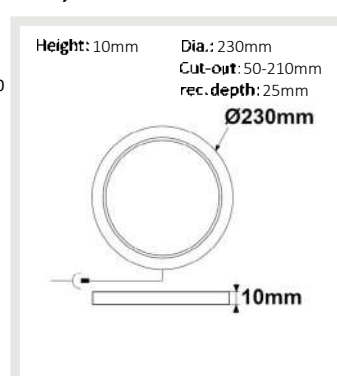
IP52

-20° - 40°

50000 h L70|B10



	114116	120°	2100lm
1 m	668 lx	Ø 3,5 m	
2 m	167 lx	Ø 6,9 m	
3 m	74 lx	Ø 10,4 m	



114020 | LED surface mount/recessed light Slim Flex, 6W, white, ColorSwitch 3000K|3500K|4000K



nominal power
active power
lighting current
color temp.
CRI

175-265V AC
6 W
510lm
3000-4000K
80

protection class
ambient temp.
service life

IP44
-20° - 40°C
25000 h L70|B10

Height: 15mm
Dia.: 139mm
Cut-out: 55mm
rec. depth: 15mm





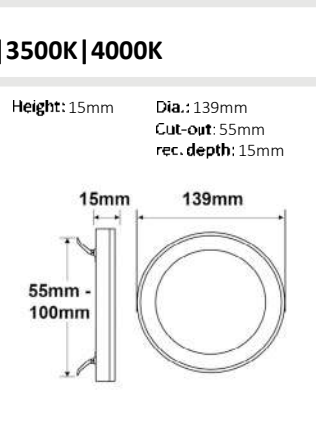
nominal power
active power
lighting current
color temp.
CRI

175-265V AC
6 W
510lm
3000-4000K
80

protection class
ambient temp.
service life

IP44
-20° - 40°C
25000 h L70|B10

Height: 15mm
Dia.: 139mm
Cut-out: 55mm
rec. depth: 15mm





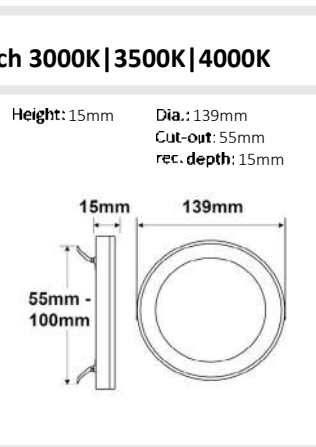
nominal power
active power
lighting current
color temp.
CRI

175-265V AC
6 W
510lm
3000-4000K
80

protection class
ambient temp.
service life

IP44
-20° - 40°C
25000 h L70|B10

Height: 15mm
Dia.: 139mm
Cut-out: 55mm
rec. depth: 15mm



114022 | LED surface mount/recessed light Slim Flex, 6W, black, ColorSwitch 3000K|3500K|4000K



nominal power
active power
lighting current
color temp.
CRI

175-265V AC
6 W
510lm
3000-4000K
80

protection class
ambient temp.
service life

IP44
-20° - 40°C
25000 h L70|B10

Height: 15mm
Dia.: 139mm
Cut-out: 55mm
rec. depth: 15mm





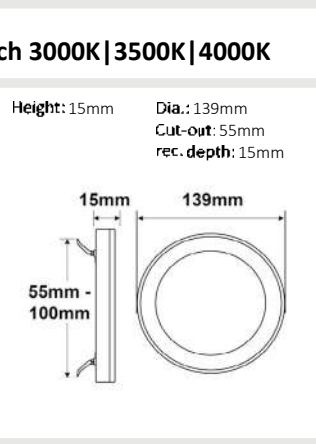
nominal power
active power
lighting current
color temp.
CRI

175-265V AC
6 W
510lm
3000-4000K
80

protection class
ambient temp.
service life

IP44
-20° - 40°C
25000 h L70|B10

Height: 15mm
Dia.: 139mm
Cut-out: 55mm
rec. depth: 15mm



114021 | LED surface mount/recessed light Slim Flex, 6W, nickel brushed, ColorSwitch 3000K|3500K|4000K



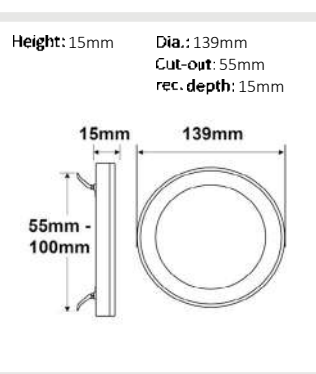
nominal power
active power
lighting current
color temp.
CRI

175-265V AC
6 W
510lm
3000-4000K
80

protection class
ambient temp.
service life

IP44
-20° - 40°C
25000 h L70|B10

Height: 15mm
Dia.: 139mm
Cut-out: 55mm
rec. depth: 15mm





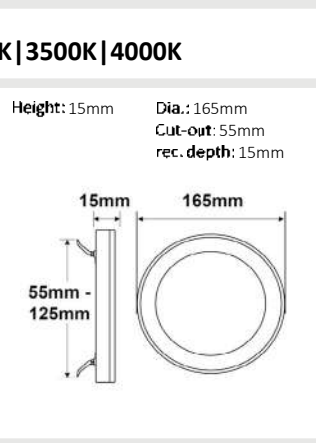
nominal power
active power
lighting current
color temp.
CRI

175-265V AC
6 W
510lm
3000-4000K
80

protection class
ambient temp.
service life

IP44
-20° - 40°C
25000 h L70|B10

Height: 15mm
Dia.: 139mm
Cut-out: 55mm
rec. depth: 15mm



114023 | LED surface mount/recessed light Slim Flex, 12W, white, ColorSwitch 3000K|3500K|4000K



nominal power
active power
lighting current
color temp.
CRI

175-265V AC
12 W
1020lm
3000-4000K
80

protection class
ambient temp.
service life

IP44
-20° - 40°C
25000 h L70|B10

Height: 15mm
Dia.: 165mm
Cut-out: 55mm
rec. depth: 15mm





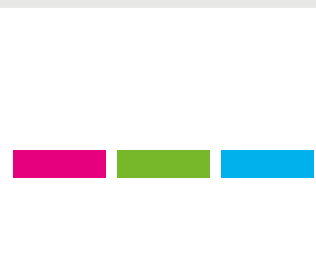
nominal power
active power
lighting current
color temp.
CRI

175-265V AC
12 W
1020lm
3000-4000K
80

protection class
ambient temp.
service life

IP44
-20° - 40°C
25000 h L70|B10

Height: 15mm
Dia.: 165mm
Cut-out: 55mm
rec. depth: 15mm



114025 | LED surface mount/recessed light Slim Flex, 12W, black, ColorSwitch 3000K|3500K|4000K


nominal power
active power
lighting current
color temp.
CRI

175-265V AC
12 W
1020lm
3000-4000K
80

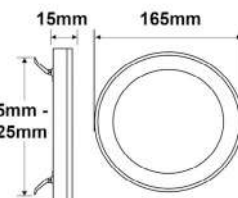
protection class
ambient temp.
service life

IP44
-20° - 40°C
25000 h L70|B10



	120°	1020lm
1 m	325 lx	Ø 3,5 m
2 m	81 lx	Ø 6,9 m
3 m	36 lx	Ø 10,4 m

Height: 15mm Dia.: 165mm
Cut-out: 55mm
rec. depth: 15mm


114024 | LED surface mount/recessed light Slim Flex, 12W, nickel brushed, ColorSwitch 3000K|3500K|4000K


nominal power
active power
lighting current
color temp.
CRI

175-265V AC
12 W
1020lm
3000-4000K
80

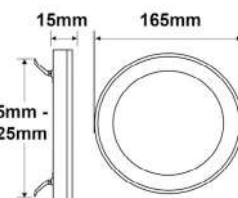
protection class
ambient temp.
service life

IP44
-20° - 40°C
25000 h L70|B10



	120°	1020lm
1 m	325 lx	Ø 3,5 m
2 m	81 lx	Ø 6,9 m
3 m	36 lx	Ø 10,4 m

Height: 15mm Dia.: 165mm
Cut-out: 55mm
rec. depth: 15mm


114026 | LED surface mount/recessed light Slim Flex, 18W, white, ColorSwitch 3000K|3500K|4000K


nominal power
active power
lighting current
color temp.
CRI

175-265V AC
18 W
1530lm
3000-4000K
80

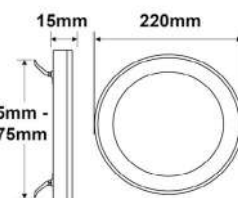
protection class
ambient temp.
service life

IP44
-20° - 40°C
25000 h L70|B10



	120°	1530lm
1 m	487 lx	Ø 3,5 m
2 m	122 lx	Ø 6,9 m
3 m	54 lx	Ø 10,4 m

Height: 15mm Dia.: 220mm
Cut-out: 55mm
rec. depth: 15mm


114028 | LED surface mount/recessed light Slim Flex, 18W, black, ColorSwitch 3000K|3500K|4000K


nominal power
active power
lighting current
color temp.
CRI

175-265V AC
18 W
1530lm
3000-4000K
80

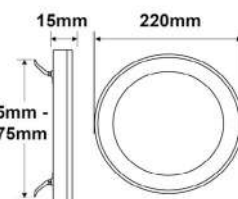
protection class
ambient temp.
service life

IP44
-20° - 40°C
25000 h L70|B10



	120°	1530lm
1 m	487 lx	Ø 3,5 m
2 m	122 lx	Ø 6,9 m
3 m	54 lx	Ø 10,4 m

Height: 15mm Dia.: 220mm
Cut-out: 55mm
rec. depth: 15mm



114027 | LED surface mount/recessed light Slim Flex, 18W, nickel brushed, ColorSwitch 3000K|3500K|4000K



ISOLED

nominal power
active power
lighting current
color temp.
CRI

175-265V AC
18 W
1530lm
3000-4000K
80

protection class
ambient temp.
service life

IP44
-20° - 40°C
25000 h L70|B10



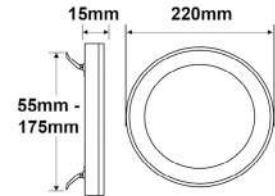
ISOLED



ISOLED

114027	120°	1530lm
1 m	487 lx	Ø 3,5 m
2 m	122 lx	Ø 6,9 m
3 m	54 lx	Ø 10,4 m

Height: 15mm
Dia.: 220mm
Cut-out: 55mm
rec. depth: 15mm



114029 | LED surface mount/recessed light Slim Flex, 24W, white, ColorSwitch 3000K|3500K|4000K



ISOLED

nominal power
active power
lighting current
color temp.
CRI

175-265V AC
24 W
2040lm
3000-4000K
80

protection class
ambient temp.
service life

IP44
-20° - 40°C
25000 h L70|B10



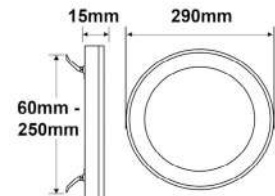
ISOLED



ISOLED

114029	120°	2040lm
1 m	649 lx	Ø 3,5 m
2 m	162 lx	Ø 6,9 m
3 m	72 lx	Ø 10,4 m

Height: 15mm
Dia.: 290mm
Cut-out: 60mm
rec. depth: 15mm



114031 | LED surface mount/recessed light Slim Flex, 24W, black, ColorSwitch 3000K|3500K|4000K



ISOLED

nominal power
active power
lighting current
color temp.
CRI

175-265V AC
24 W
2040lm
3000-4000K
80

protection class
ambient temp.
service life

IP44
-20° - 40°C
25000 h L70|B10



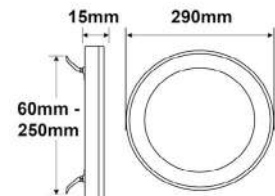
ISOLED



ISOLED

114031	120°	2040lm
1 m	649 lx	Ø 3,5 m
2 m	162 lx	Ø 6,9 m
3 m	72 lx	Ø 10,4 m

Height: 15mm
Dia.: 290mm
Cut-out: 60mm
rec. depth: 15mm



114030 | LED surface mount/recessed light Slim Flex, 24W, nickel brushed, ColorSwitch 3000K|3500K|4000K



ISOLED

nominal power
active power
lighting current
color temp.
CRI

175-265V AC
24 W
2040lm
3000-4000K
80

protection class
ambient temp.
service life

IP44
-20° - 40°C
25000 h L70|B10



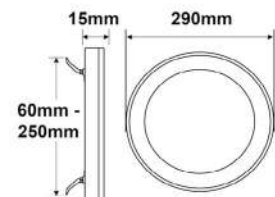
ISOLED



ISOLED

114030	120°	2040lm
1 m	649 lx	Ø 3,5 m
2 m	162 lx	Ø 6,9 m
3 m	72 lx	Ø 10,4 m

Height: 15mm
Dia.: 290mm
Cut-out: 60mm
rec. depth: 15mm



Round Hole cut-out

**DALI
UPGRADE**

115457 | LED downlight, 9W, round, ultra flat, glare reduced, white, warm white, dimmable CRI90



nominal power
active power
lighting current
color temp.
CRI

90-265V
9,8 W
750lm
3000K
92

protection class
ambient temp.
service life
external transformer included

IP42

-20° - 40°

30000 h L70|B10

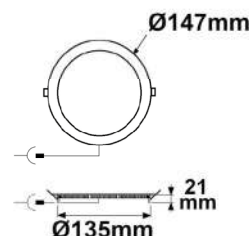


ISOLED



Distance	Beam Angle	Light Intensity	Beam Diameter
1 m	120°	239 lx	Ø 3,5 m
2 m		60 lx	Ø 6,9 m
3 m		27 lx	Ø 10,4 m

Height: 23mm
Dia.: 147mm
Cut-out: 135mm
rec. depth: 20mm



**DALI
UPGRADE**

115458 | LED downlight, 9W, round, ultra flat, glare reduced, white, neutral white, dimmable CRI90



nominal power
active power
lighting current
color temp.
CRI

90-265V
9,8 W
775lm
4000K
90

protection class
ambient temp.
service life
external transformer included

IP42

-20° - 40°

30000 h L70|B10

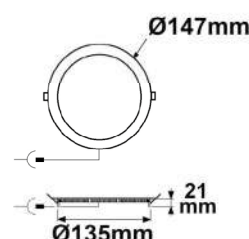


ISOLED



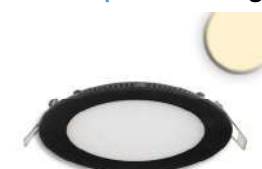
Distance	Beam Angle	Light Intensity	Beam Diameter
1 m	120°	247 lx	Ø 3,5 m
2 m		62 lx	Ø 6,9 m
3 m		27 lx	Ø 10,4 m

Height: 23mm
Dia.: 147mm
Cut-out: 135mm
rec. depth: 20mm



**DALI
UPGRADE**

115459 | LED downlight, 9W, round, ultra flat, glare reduced, black, warm white, dimmable CRI90



nominal power
active power
lighting current
color temp.
CRI

90-265V
9,8 W
750lm
3000K
92

protection class
ambient temp.
service life
external transformer included

IP42

-20° - 40°

30000 h L70|B10

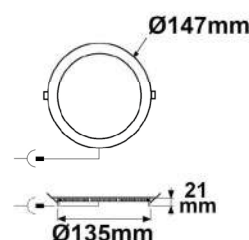


ISOLED



Distance	Beam Angle	Light Intensity	Beam Diameter
1 m	120°	239 lx	Ø 3,5 m
2 m		60 lx	Ø 6,9 m
3 m		27 lx	Ø 10,4 m

Height: 23mm
Dia.: 147mm
Cut-out: 135mm
rec. depth: 20mm



**DALI
UPGRADE**

115463 | LED downlight, 12W, round, ultra flat, glare reduced, white, warm white, dimmable CRI90



nominal power
active power
lighting current
color temp.
CRI

90-265V
12,8 W
1100lm
3000K
92

protection class
ambient temp.
service life
external transformer included

IP42

-20° - 40°

30000 h L70|B10

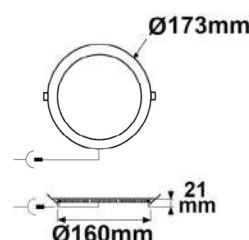


ISOLED



Distance	Beam Angle	Light Intensity	Beam Diameter
1 m	120°	350 lx	Ø 3,5 m
2 m		88 lx	Ø 6,9 m
3 m		39 lx	Ø 10,4 m

Height: 23mm
Dia.: 173mm
Cut-out: 160mm
rec. depth: 20mm



115464 | LED downlight, 12W, round, ultra flat, glare-reduced, white, neutral white, dimmable CRI90



nominal power **90-265V**
active power **12,8 W**
lighting current **1150lm**
color temp. **4000K**
CRI **90**

protection class **IP42**
ambient temp. **-20° - 40°**
service life **30000 h** L70|B10
external transformer included



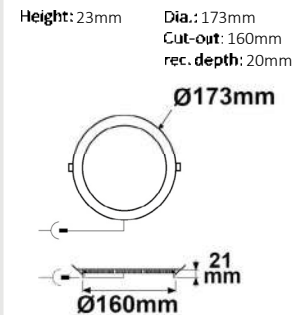












DALI
UPGRADE

115465 | LED downlight, 12W, round, ultra flat, glare reduced, black, warm white, dimmable CRI90



nominal power **90-265V**
active power **12,8 W**
lighting current **1100lm**
color temp. **3000K**
CRI **92**

protection class **IP42**
ambient temp. **-20° - 40°**
service life **30000 h** L70|B10
external transformer included



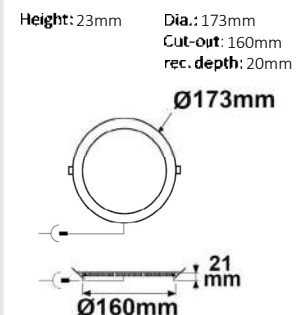












DALI
UPGRADE

115469 | LED downlight, 18W, round, ultra flat, glare reduced, white, warm white, dimmable CRI90



nominal power **90-265V**
active power **18,4 W**
lighting current **1700lm**
color temp. **3000K**
CRI **92**

protection class **IP42**
ambient temp. **-20° - 40°**
service life **30000 h** L70|B10
external transformer included



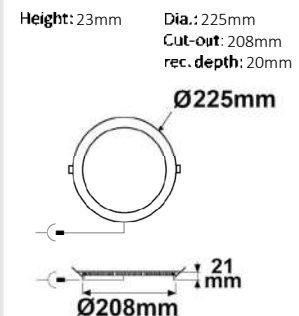












DALI
UPGRADE

115470 | LED downlight, 18W, round, ultra flat, glare reduced, white, neutral white, dimmable CRI90



nominal power **90-265V**
active power **18,4 W**
lighting current **1800lm**
color temp. **4000K**
CRI **90**

protection class **IP42**
ambient temp. **-20° - 40°**
service life **30000 h** L70|B10
external transformer included



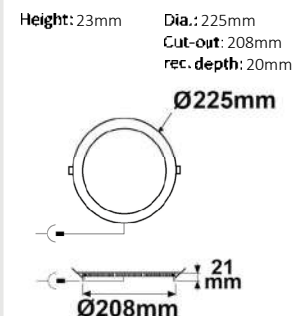












DALI
UPGRADE

**DALI
UPGRADE**

115471 | LED downlight, 18W, round, ultra flat, glare reduced, black, warm white, dimmable CRI90



nominal power
active power
lighting current
color temp.
CRI

90-265V
18,4 W
1700lm
3000K
92

protection class
ambient temp.
service life
external transformer included

IP42

-20° - 40°

30000 h L70|B10

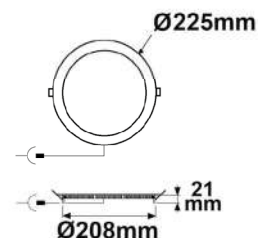


ISOLED



115471	120°	1700lm
1 m	541 lx	Ø 3,5 m
2 m	135 lx	Ø 6,9 m
3 m	60 lx	Ø 10,4 m

Height: 23mm Dia.: 225mm
Cut-out: 208mm
rec. depth: 20mm



115472 | LED downlight, 18W, round, ultra flat, glare reduced, white, warm white, CRI90



nominal power
active power
lighting current
color temp.
CRI

90-265V
18,4 W
1750lm
3000K
92

protection class
ambient temp.
service life
external transformer included

IP42

-20° - 40°

30000 h L70|B10

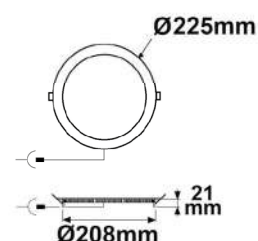


ISOLED



115472	120°	1750lm
1 m	557 lx	Ø 3,5 m
2 m	139 lx	Ø 6,9 m
3 m	62 lx	Ø 10,4 m

Height: 23mm Dia.: 225mm
Cut-out: 208mm
rec. depth: 20mm



115473 | LED downlight, 18W, round, ultra flat, glare reduced, white, neutral white, CRI90



nominal power
active power
lighting current
color temp.
CRI

90-265V
18,4 W
1850lm
4000K
90

protection class
ambient temp.
service life
external transformer included

IP42

-20° - 40°

30000 h L70|B10

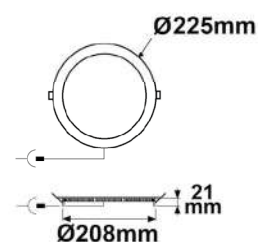


ISOLED



115473	120°	1850lm
1 m	589 lx	Ø 3,5 m
2 m	147 lx	Ø 6,9 m
3 m	65 lx	Ø 10,4 m

Height: 23mm Dia.: 225mm
Cut-out: 208mm
rec. depth: 20mm



115474 | LED downlight, 18W, round, ultra flat, glare reduced, black, warm white, CRI90



nominal power
active power
lighting current
color temp.
CRI

90-265V
18,4 W
1750lm
3000K
92

protection class
ambient temp.
service life
external transformer included

IP42

-20° - 40°

30000 h L70|B10

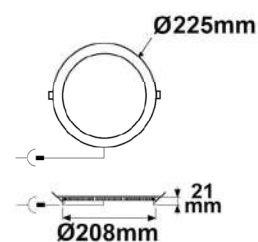


ISOLED



115474	120°	1750lm
1 m	557 lx	Ø 3,5 m
2 m	139 lx	Ø 6,9 m
3 m	62 lx	Ø 10,4 m

Height: 23mm Dia.: 225mm
Cut-out: 208mm
rec. depth: 20mm



115595 | LED downlight ultraflat round white, 18W, 225mm, Colorswitch 3000|3500|4000K, dimmable



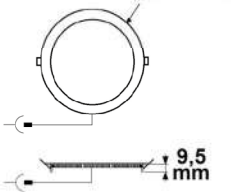
nominal power
active power
lighting current
color temp.
CRI

200-240V AC
18,5 W
1700lm
3000-4000K
80

protection class
ambient temp.
service life

IP42
-20° - 40°C
30000 h L70|B10

Height: 10mm
Dia.: 225mm
Cut-out: 205mm
rec. depth: 9,5mm









Height	Beam Angle	Lighting Current	Beam Diameter
1 m	120°	541 lx	Ø 3,5 m
2 m		135 lx	Ø 6,9 m
3 m		60 lx	Ø 10,4 m

DALI
UPGRADE

115596 | LED downlight ultraflat round black, 18W, 225mm, Colorswitch 3000|3500|4000K, dimmable



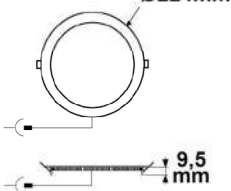
nominal power
active power
lighting current
color temp.
CRI

200-240V AC
18,5 W
1700lm
3000-4000K
80

protection class
ambient temp.
service life

IP42
-20° - 40°C
30000 h L70|B10

Height: 10mm
Dia.: 225mm
Cut-out: 205mm
rec. depth: 9,5mm









Height	Beam Angle	Lighting Current	Beam Diameter
1 m	120°	541 lx	Ø 3,5 m
2 m		135 lx	Ø 6,9 m
3 m		60 lx	Ø 10,4 m

DALI
UPGRADE

115597 | LED downlight ultraflat round white, 24W, 300mm, Colorswitch 3000|3500|4000K, dimmable



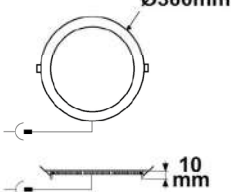
nominal power
active power
lighting current
color temp.
CRI

200-240V AC
24,8 W
2550lm
3000-4000K
80

protection class
ambient temp.
service life

IP42
-20° - 40°C
30000 h L70|B10

Height: 10mm
Dia.: 300mm
Cut-out: 285mm
rec. depth: 9,5mm









Height	Beam Angle	Lighting Current	Beam Diameter
1 m	120°	812 lx	Ø 3,5 m
2 m		203 lx	Ø 6,9 m
3 m		90 lx	Ø 10,4 m

DALI
UPGRADE

115598 | LED downlight ultraflat round black, 24W, 300mm, Colorswitch 3000|3500|4000K, dimmable



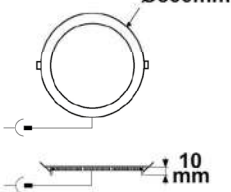
nominal power
active power
lighting current
color temp.
CRI

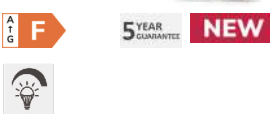
200-240V AC
24,8 W
2550lm
3000-4000K
80

protection class
ambient temp.
service life

IP42
-20° - 40°C
30000 h L70|B10

Height: 10mm
Dia.: 300mm
Cut-out: 285mm
rec. depth: 9,5mm









Height	Beam Angle	Lighting Current	Beam Diameter
1 m	120°	812 lx	Ø 3,5 m
2 m		203 lx	Ø 6,9 m
3 m		90 lx	Ø 10,4 m

DALI
UPGRADE

**DALI
UPGRADE**

114900 | LED downlight, 9W, ultra flat, round, silver, neutral white, dimmable



nominal power
active power
lighting current
color temp.
CRI

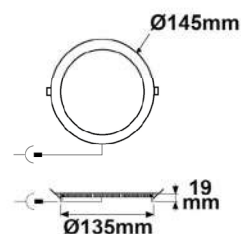
100-240V AC
9,5 W
660lm
4000K
80

protection class **IP42**
ambient temp. **-20° - 40°**
service life **30000 h** L70|B10
external transformer included



Distance	Beam Angle	Lighting Current	Beam Diameter
1 m	120°	210 lx	Ø 3,5 m
2 m		53 lx	Ø 6,9 m
3 m		23 lx	Ø 10,4 m

Height: 18mm
Dia.: 145mm
Cut-out: 135mm
rec. depth: 25mm



**DALI
UPGRADE**

114899 | LED downlight, 9W, ultra flat, round, silver, warm white, dimmable



nominal power
active power
lighting current
color temp.
CRI

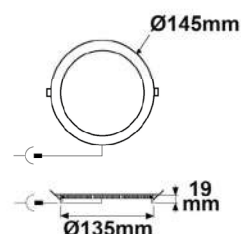
100-240V AC
9,5 W
650lm
3000K
82

protection class **IP42**
ambient temp. **-20° - 40°**
service life **30000 h** L70|B10
external transformer included



Distance	Beam Angle	Lighting Current	Beam Diameter
1 m	120°	207 lx	Ø 3,5 m
2 m		52 lx	Ø 6,9 m
3 m		23 lx	Ø 10,4 m

Height: 20mm
Dia.: 145mm
Cut-out: 135mm
rec. depth: 25mm



**DALI
UPGRADE**

114909 | LED downlight, 12W, round, ultra flat, silver, neutral white, dimmable



nominal power
active power
lighting current
color temp.
CRI

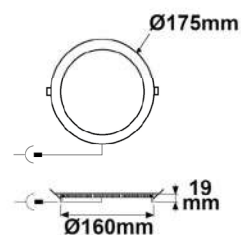
85-265V AC
13 W
1000lm
4000K
85

protection class **IP42**
ambient temp. **-20° - 40°**
service life **30000 h** L70|B10
external transformer included



Distance	Beam Angle	Lighting Current	Beam Diameter
1 m	120°	318 lx	Ø 3,5 m
2 m		80 lx	Ø 6,9 m
3 m		35 lx	Ø 10,4 m

Height: 12mm
Dia.: 175mm
Cut-out: 160mm
rec. depth: 25mm



**DALI
UPGRADE**

114908 | LED downlight, 12W, round, ultra flat, silver, warm white, dimmable



nominal power
active power
lighting current
color temp.
CRI

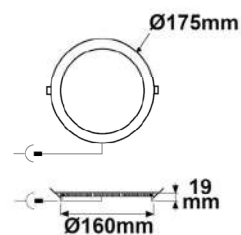
85-265V AC
12 W
900lm
3000K
80

protection class **IP42**
ambient temp. **-20° - 40°**
service life **30000 h** L70|B10
external transformer included



Distance	Beam Angle	Lighting Current	Beam Diameter
1 m	120°	286 lx	Ø 3,5 m
2 m		72 lx	Ø 6,9 m
3 m		32 lx	Ø 10,4 m

Height: 12mm
Dia.: 175mm
Cut-out: 160mm
rec. depth: 25mm



114902 | LED downlight, 18W, ultra flat, round, silver, neutral white



nominal power **230V AC**
active power **18,5 W**
lighting current **1475lm**
color temp. **4000K**
CRI **80**

protection class **IP42**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**
external transformer included

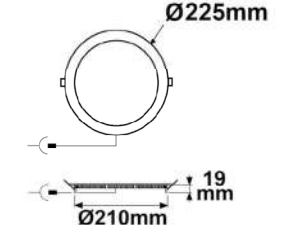






Height	Beam Angle	Lighting Current	Beam Diameter
1 m	120°	470 lx	Ø 3,5 m
2 m		118 lx	Ø 6,9 m
3 m		52 lx	Ø 10,4 m

Height: 12mm
Dia.: 225mm
Cut-out: 210mm
rec. depth: 20mm



Ø225mm
19 mm
Ø210mm

114907 | LED downlight, 18W, round, ultra flat, silver, warm white



nominal power **230V AC**
active power **18,5 W**
lighting current **1380lm**
color temp. **3000K**
CRI **80**

protection class **IP42**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**
external transformer included

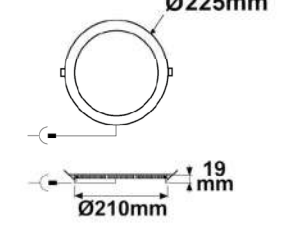






Height	Beam Angle	Lighting Current	Beam Diameter
1 m	120°	439 lx	Ø 3,5 m
2 m		110 lx	Ø 6,9 m
3 m		49 lx	Ø 10,4 m

Height: 12mm
Dia.: 225mm
Cut-out: 210mm
rec. depth: 20mm



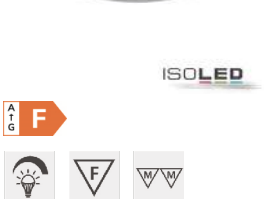
Ø225mm
19 mm
Ø210mm

114901 | LED downlight, 18W, ultra flat, round, silver, warm white, dimmable



nominal power **230V AC**
active power **18,5 W**
lighting current **1380lm**
color temp. **3000K**
CRI **80**

protection class **IP42**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**
external transformer included

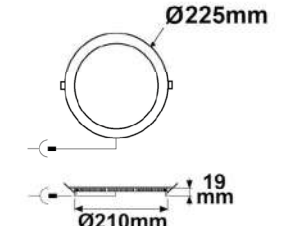






Height	Beam Angle	Lighting Current	Beam Diameter
1 m	120°	439 lx	Ø 3,5 m
2 m		110 lx	Ø 6,9 m
3 m		49 lx	Ø 10,4 m

Height: 20mm
Dia.: 225mm
Cut-out: 210mm
rec. depth: 20mm



Ø225mm
19 mm
Ø210mm

DALI
UPGRADE

112293 | LED downlight, 18W, ultra flat, round, white, warm white



nominal power **230V AC**
active power **18,5 W**
lighting current **1440lm**
color temp. **3000K**
CRI **80**

protection class **IP42**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**
external transformer included

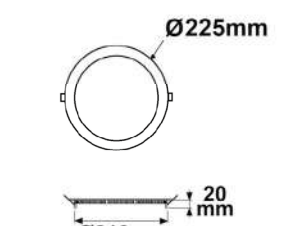






Height	Beam Angle	Lighting Current	Beam Diameter
1 m	120°	458 lx	Ø 3,5 m
2 m		115 lx	Ø 6,9 m
3 m		51 lx	Ø 10,4 m

Height: 20mm
Dia.: 225mm
Cut-out: 205mm
rec. depth: 20mm



Ø225mm
20 mm
Ø210mm

**DALI
UPGRADE**

112454 | LED downlight, 18W, ultra flat, round, white, warm white, dimmable



nominal power
active power
lighting current
color temp.
CRI

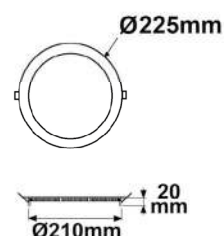
230V AC
18,5 W
1380lm
3000K
80

protection class **IP42**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**
external transformer included



112454	120°	1380lm
1 m	439 lx	Ø 3,5 m
2 m	110 lx	Ø 6,9 m
3 m	49 lx	Ø 10,4 m

Height: 12mm
Dia.: 225mm
Cut-out: 205mm
rec. depth: 20mm



112455 | LED downlight, 18W, ultra flat, round, white, neutral white



nominal power
active power
lighting current
color temp.
CRI

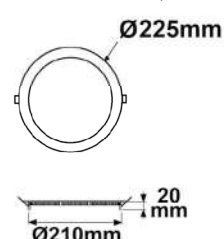
230V AC
18,5 W
1475lm
4000K
80

protection class **IP42**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**
external transformer included



112455	120°	1475lm
1 m	470 lx	Ø 3,5 m
2 m	118 lx	Ø 6,9 m
3 m	52 lx	Ø 10,4 m

Height: 12mm
Dia.: 225mm
Cut-out: 205mm
rec. depth: 20mm



**DALI
UPGRADE**

114190 | LED downlight glare reduced, 13W, round, DN110, CRI90, Colorswitch 3000|3500|4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

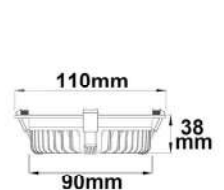
200-240V AC
12 W
900lm
3000-4000K
90

protection class **IP20**
ambient temp. **-20° - 40°C**
service life **40000 h L70|B10**
external transformer included



114190	90°	900lm
1 m	489 lx	Ø 2,0 m
2 m	122 lx	Ø 4,0 m
3 m	54 lx	Ø 6,0 m

Height: 38mm
Dia.: 110mm
Cut-out: 90mm
rec. depth: 42mm



**DALI
UPGRADE**

114191 | LED downlight glare reduced, 18W, round, DN145, CRI90, Colorswitch 3000|3500|4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

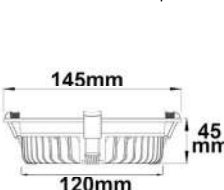
200-240V AC
17 W
1250lm
3000-4000K
90

protection class **IP20**
ambient temp. **-20° - 40°C**
service life **40000 h L70|B10**
external transformer included



114191	90°	1250lm
1 m	679 lx	Ø 2,0 m
2 m	170 lx	Ø 4,0 m
3 m	75 lx	Ø 6,0 m

Height: 45mm
Dia.: 145mm
Cut-out: 120mm
rec. depth: 49mm



114192 | LED downlight glare reduced, 25W, round, DN170, CRI90, Colourswitch 3000|3500|4000K, dimmable



ISOLED

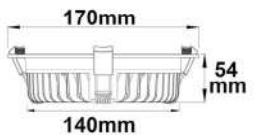
ATG F



nominal power **200-240V AC**
active power **24 W**
lighting current **2000lm**
color temp. **3000-4000K**
CRI **90**

protection class **IP20**
ambient temp. **-20° - 40°C**
service life **40000 h** L70|B10
external transformer included

Height: 54mm
Dia.: 170mm
Cut-out: 140mm
rec. depth: 58mm



114192 90° 2000lm
1 m 1.087 lx Ø 2,0 m
2 m 272 lx Ø 4,0 m
3 m 121 lx Ø 6,0 m

DALI
UPGRADE

114193 | LED downlight glare reduced, 25W, round, DN190, CRI90, Colourswitch 3000|3500|4000K, dimmable



ISOLED

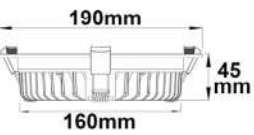
ATG F



nominal power **200-240V AC**
active power **24 W**
lighting current **2000lm**
color temp. **3000-4000K**
CRI **90**

protection class **IP20**
ambient temp. **-20° - 40°C**
service life **40000 h** L70|B10
external transformer included

Height: 45mm
Dia.: 190mm
Cut-out: 160mm
rec. depth: 49mm



114193 90° 2000lm
1 m 1.087 lx Ø 2,0 m
2 m 272 lx Ø 4,0 m
3 m 121 lx Ø 6,0 m

DALI
UPGRADE

114194 | LED downlight glare reduced, 35W, round, DN228, CRI90, Colourswitch 3000|3500|4000K, dimmable



ISOLED

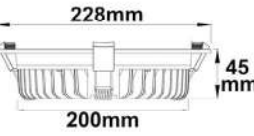
ATG F



nominal power **200-240V AC**
active power **34 W**
lighting current **3050lm**
color temp. **3000-4000K**
CRI **90**

protection class **IP20**
ambient temp. **-20° - 40°C**
service life **40000 h** L70|B10
external transformer included

Height: 45mm
Dia.: 228mm
Cut-out: 200mm
rec. depth: 49mm



114194 90° 3050lm
2 m 414 lx Ø 4,0 m
4 m 104 lx Ø 8,0 m
8 m 26 lx Ø 16,0 m

DALI
UPGRADE

114195 | LED downlight glare reduced, 35W, round, DN280, CRI90, Colourswitch 3000|3500|4000K, dimmable



ISOLED

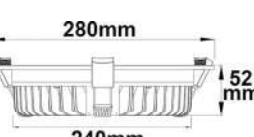
ATG F



nominal power **200-240V AC**
active power **34 W**
lighting current **3050lm**
color temp. **3000-4000K**
CRI **90**

protection class **IP20**
ambient temp. **-20° - 40°C**
service life **40000 h** L70|B10
external transformer included

Height: 52mm
Dia.: 280mm
Cut-out: 240mm
rec. depth: 56mm



114195 90° 3050lm
2 m 414 lx Ø 4,0 m
4 m 104 lx Ø 8,0 m
8 m 26 lx Ø 16,0 m

DALI
UPGRADE

INNOVATIVE LIGHTING SOLUTIONS FROM ISOLED®

DALI Upgrade
with item 115807
DALI to phase
section

MORE ON PAGE
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COLOR SWITCH



COLOR SWITCH

Color temperature selectable via dipswitch



DALI
UPGRADE

112941 | LED downlight, 8W, ultra flat, ColorSwitch 2600|3100|4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

230V AC
7,8 W
460lm
2600-4000K
90

protection class
ambient temp.
service life
external transformer included

IP42

-20° - 40°C

30000 h L70|B10



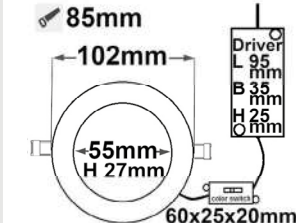
	112941	110°	460lm
1 m	172 lx	Ø 2,9 m	
2 m	43 lx	Ø 5,7 m	
3 m	19 lx	Ø 8,6 m	

Height: 27mm

Dia.: 102mm

Cut-out: 85mm

rec. depth: 25mm



DALI
UPGRADE

112942 | LED downlight, 15W, ultra flat, ColorSwitch 2600K|3100K|4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

230V AC
12,5 W
1100lm
2600-4000K
90

protection class
ambient temp.
service life
external transformer included

IP42

-20° - 40°C

30000 h L70|B10



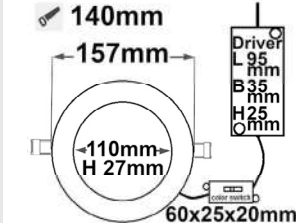
	112942	110°	1100lm
1 m	411 lx	Ø 2,9 m	
2 m	103 lx	Ø 5,7 m	
3 m	46 lx	Ø 8,6 m	

Height: 27mm

Dia.: 157mm

Cut-out: 140mm

rec. depth: 25mm



DALI
UPGRADE

112943 | LED downlight, 24W, ultra flat, ColorSwitch 2600K|3100|4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

230V AC
24,6 W
1950lm
2600-4000K
90

protection class
ambient temp.
service life
external transformer included

IP42

-20° - 40°C

30000 h L70|B10



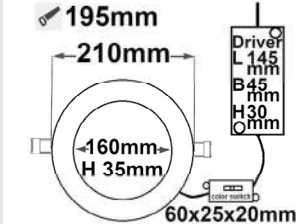
	112943	110°	1950lm
1 m	728 lx	Ø 2,9 m	
2 m	182 lx	Ø 5,7 m	
3 m	81 lx	Ø 8,6 m	

Height: 35mm

Dia.: 210mm

Cut-out: 195mm

rec. depth: 35mm



113784 | LED shop downlight Sphere, 35W, swivel-out, white, warm white

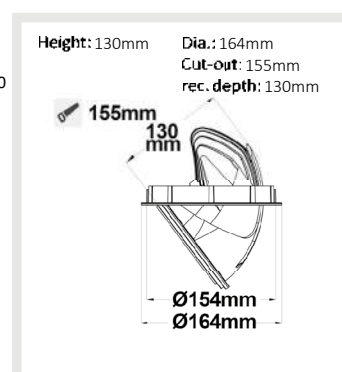



nominal power **200-240V AC**
active power **35,12 W**
lighting current **3100lm**
color temp. **3000K**
CRI **92**

protection class **IP42**
ambient temp. **-20° - 40°**
service life **35000 h** L70|B10
external transformer included



Height	Beam Diameter	Illuminance
2 m	Ø 1,4 m	2.264 lx
4 m	Ø 2,8 m	566 lx
8 m	Ø 5,5 m	142 lx



113785 | LED shop downlight Sphere, 35W, swivel-out, white, neutral white

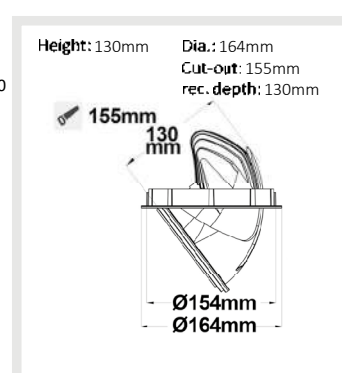



nominal power **200-240V AC**
active power **35,12 W**
lighting current **3200lm**
color temp. **4000K**
CRI **92**

protection class **IP42**
ambient temp. **-20° - 40°**
service life **35000 h** L70|B10
external transformer included



Height	Beam Diameter	Illuminance
2 m	Ø 1,4 m	2.337 lx
4 m	Ø 2,8 m	584 lx
8 m	Ø 5,5 m	146 lx

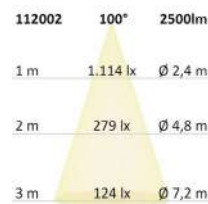


112002 | LED COB reflector downlight 30W, 100°, white, neutral white

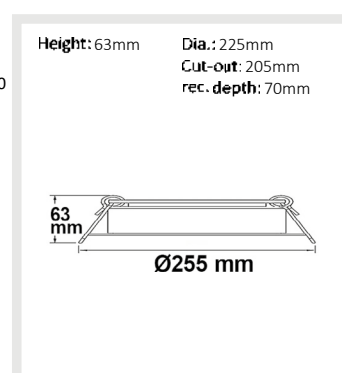



nominal power **85-265V AC**
active power **29,2 W**
lighting current **2500lm**
color temp. **4000K**
CRI **80**

protection class **IP54**
ambient temp. **-20° - 40°**
service life **35000 h** L70|B10
external transformer included



Height	Beam Diameter	Illuminance
1 m	Ø 2,4 m	1.114 lx
2 m	Ø 4,8 m	279 lx
3 m	Ø 7,2 m	124 lx

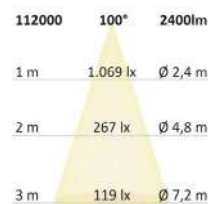


112000 | LED COB reflector downlight 30W, 100°, white, warm white

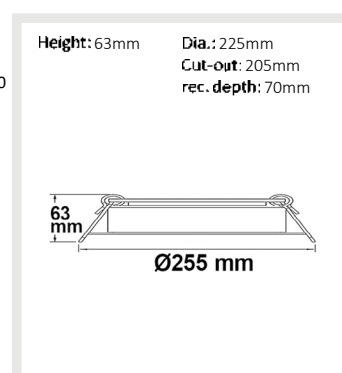



nominal power **85-265V AC**
active power **30 W**
lighting current **2400lm**
color temp. **3000K**
CRI **81**

protection class **IP54**
ambient temp. **-20° - 40°**
service life **35000 h** L70|B10
external transformer included



Height	Beam Diameter	Illuminance
1 m	Ø 2,4 m	1.069 lx
2 m	Ø 4,8 m	267 lx
3 m	Ø 7,2 m	119 lx



Exchange from G24 LED instead of energy-saving lamp

QUICK | CHEAP | EFFICIENT | SUSTAINABLE!

The downlights item no. 112000, 112002 (image on previous page) and the item no. 113167 and 113168 are ideal for the cost effective, quick and sustainable conversion of conventional G24 downlights with CFL (Compact Fluorescent Lamp) to the efficient LED technology..



113167 | LED Downlight reflector 30W, 60°, CRI95, UGR<19, neutral white

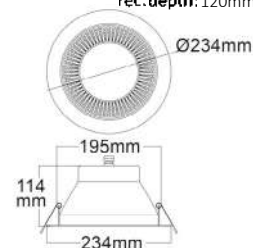


nominal power **220-240V AC** protection class **IP52**
 active power **28 W** ambient temp. **-20° - 40°**
 lighting current **2550lm** service life **50000 h L70|B10**
 color temp. **4000K** external transformer included
 CRI **95**



113167	60°	2550lm
1 m	3.029 lx	Ø 1,2 m
2 m	757 lx	Ø 2,3 m
3 m	337 lx	Ø 3,5 m

Height: 125mm Dia.: 234mm
 Cut-out: 195mm
 rec. depth: 120mm



113168 | LED Downlight reflector 30W, 60°, CRI95, UGR<19, warm white

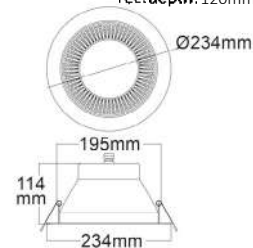


nominal power **220-240V AC** protection class **IP52**
 active power **28 W** ambient temp. **-20° - 40°**
 lighting current **2450lm** service life **50000 h L70|B10**
 color temp. **3000K** external transformer included
 CRI **95**



113168	60°	2450lm
1 m	2.910 lx	Ø 1,2 m
2 m	728 lx	Ø 2,3 m
3 m	323 lx	Ø 3,5 m

Height: 114mm Dia.: 234mm
 Cut-out: 195mm
 rec. depth: 120mm





112428 | LED downlight LUNA 8W, indirect light, white, neutral white

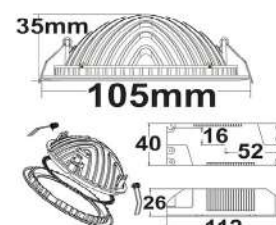
   	nominal power	200-240V AC	protection class	IP20
	active power	8,2 W	ambient temp.	-20° - 40°
	lighting current	350lm	service life	30000 h L70 B10
	color temp.	4000K	external transformer included	
	CRI	80		






112428	120°	350lm
1 m	111 lx	Ø 3,5 m
2 m	28 lx	Ø 6,9 m
3 m	12 lx	Ø 10,4 m

Height: 35mm Dia.: 105mm
Cut-out: 95mm
rec. depth: 35mm



112427 | LED downlight LUNA 8W, indirect light, white, warm white

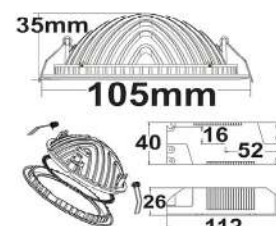
   	nominal power	200-240V AC	protection class	IP20
	active power	9 W	ambient temp.	-20° - 40°
	lighting current	300lm	service life	30000 h L70 B10
	color temp.	2700K	external transformer included	
	CRI	80		






112427	120°	300lm
1 m	95 lx	Ø 3,5 m
2 m	24 lx	Ø 6,9 m
3 m	11 lx	Ø 10,4 m

Height: 35mm Dia.: 105mm
Cut-out: 95mm
rec. depth: 35mm



**DALI
UPGRADE**

112599 | LED downlight LUNA 8W, indirect light, white, warm white, dimmable

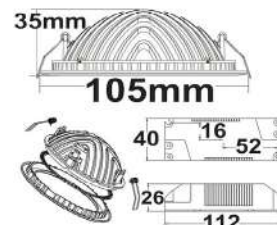


nominal power **200-240V AC** protection class **IP20**
active power **8,2 W** ambient temp. **-20° - 40°**
lighting current **300lm** service life **30000 h L70|B10**
color temp. **2700K** external transformer included
CRI **80**



112599	120°	300lm
1 m	95 lx	Ø 3,5 m
2 m	24 lx	Ø 6,9 m
3 m	11 lx	Ø 10,4 m

Height: 35mm Dia.: 105mm
Cut-out: 95mm
rec. depth: 35mm



112430 | LED downlight LUNA 15W, indirect light, white, neutral white

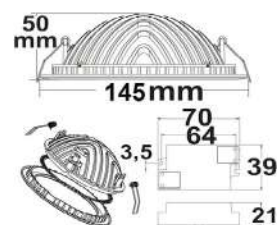


nominal power **200-240V AC** protection class **IP20**
active power **15 W** ambient temp. **-20° - 40°**
lighting current **720lm** service life **30000 h L70|B10**
color temp. **4000K** external transformer included
CRI **80**



112430	120°	720lm
1 m	229 lx	Ø 3,5 m
2 m	57 lx	Ø 6,9 m
3 m	25 lx	Ø 10,4 m

Height: 50mm Dia.: 145mm
Cut-out: 135mm
rec. depth: 50mm



112429 | LED downlight LUNA 12W, indirect light, white, warm white

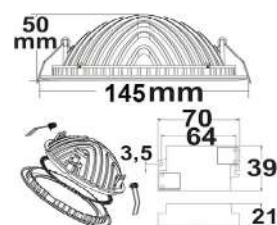


nominal power **200-240V AC** protection class **IP20**
active power **15 W** ambient temp. **-20° - 40°**
lighting current **675lm** service life **30000 h L70|B10**
color temp. **2700K** external transformer included
CRI **80**



112429	120°	675lm
1 m	215 lx	Ø 3,5 m
2 m	54 lx	Ø 6,9 m
3 m	24 lx	Ø 10,4 m

Height: 50mm Dia.: 145mm
Cut-out: 135mm
rec. depth: 50mm



**DALI
UPGRADE**

112600 | LED downlight LUNA 15W, indirect light, white, warm white, dimmable

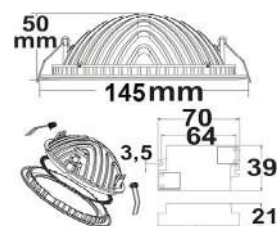


nominal power **200-240V AC** protection class **IP20**
active power **15 W** ambient temp. **-20° - 40°**
lighting current **662lm** service life **30000 h L70|B10**
color temp. **2700K** external transformer included
CRI **80**



112600	120°	662lm
1 m	211 lx	Ø 3,5 m
2 m	53 lx	Ø 6,9 m
3 m	23 lx	Ø 10,4 m

Height: 50mm Dia.: 145mm
Cut-out: 135mm
rec. depth: 50mm



112432 | LED downlight LUNA 18W, indirect light, white, neutral white

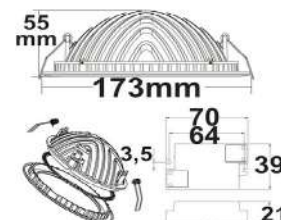


nominal power **200-240V AC** protection class **IP20**
 active power **19 W** ambient temp. **-20° - 40°**
 lighting current **1100lm** service life **30000 h L70|B10**
 color temp. **4000K** external transformer included
 CRI **82**




Distance	Beam Angle	Lighting	Beam Diameter
1 m	120°	350 lx	Ø 3,5 m
2 m		88 lx	Ø 6,9 m
3 m		39 lx	Ø 10,4 m

Height: 55mm Dia.: 173mm
Cut-out: 160mm
rec. depth: 55mm



112431 | LED downlight LUNA 18W, indirect light, white, warm white

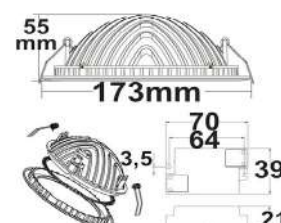


nominal power **200-240V AC** protection class **IP20**
 active power **19 W** ambient temp. **-20° - 40°**
 lighting current **1030lm** service life **30000 h L70|B10**
 color temp. **2700K** external transformer included
 CRI **80**




Distance	Beam Angle	Lighting	Beam Diameter
1 m	120°	328 lx	Ø 3,5 m
2 m		82 lx	Ø 6,9 m
3 m		36 lx	Ø 10,4 m

Height: 55mm Dia.: 173mm
Cut-out: 160mm
rec. depth: 55mm



112601 | LED downlight LUNA 18W, indirect light, white, warm white, dimmable

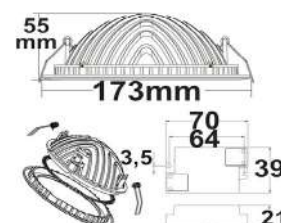


nominal power **200-240V AC** protection class **IP20**
 active power **19 W** ambient temp. **-20° - 40°**
 lighting current **1010lm** service life **30000 h L70|B10**
 color temp. **2700K** external transformer included
 CRI **80**

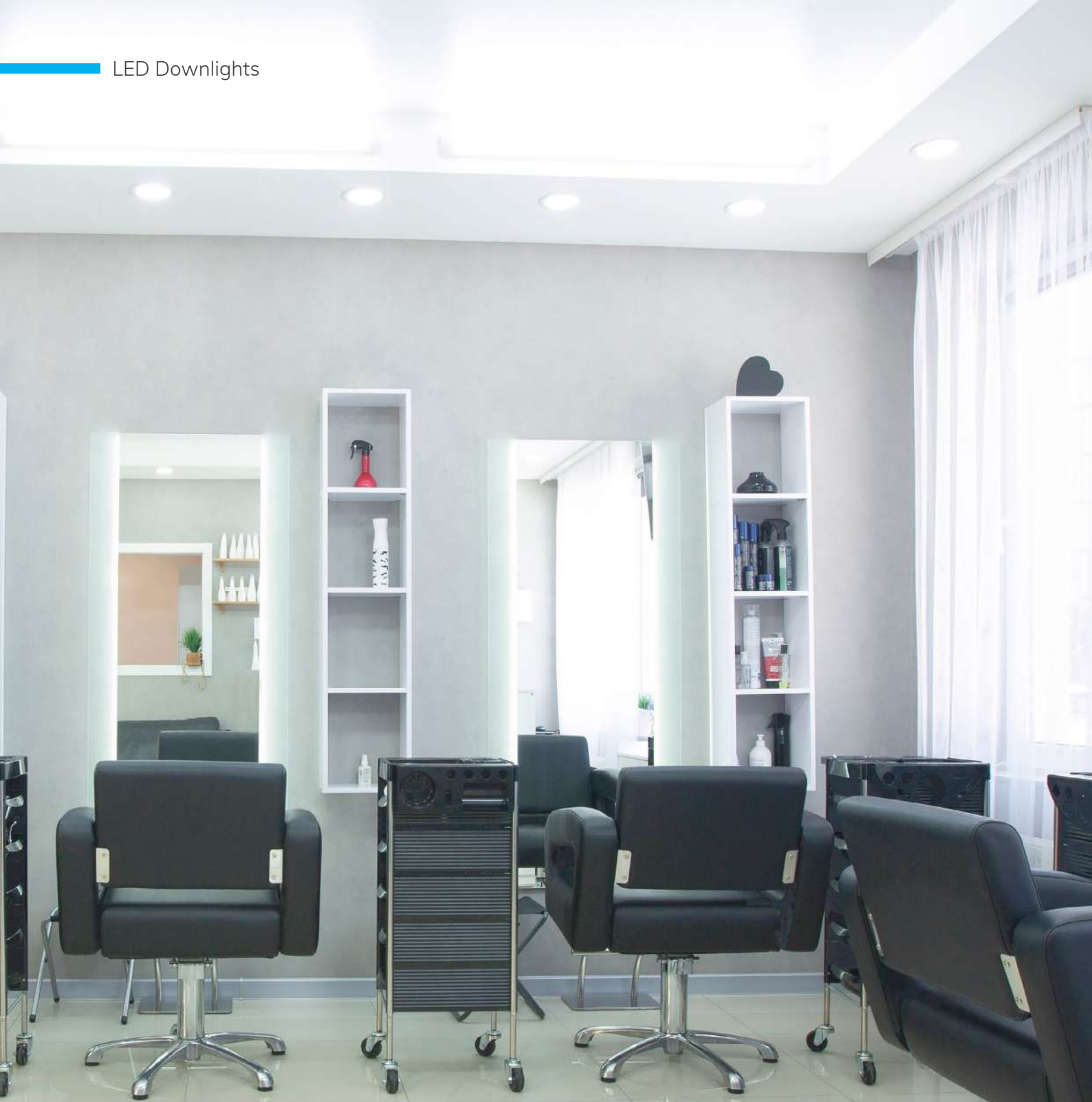



Distance	Beam Angle	Lighting	Beam Diameter
1 m	120°	321 lx	Ø 3,5 m
2 m		80 lx	Ø 6,9 m
3 m		36 lx	Ø 10,4 m

Height: 55mm Dia.: 173mm
Cut-out: 160mm
rec. depth: 55mm



DALI
UPGRADE



DALI Upgrade
with item 115807
DALI to phase
section

MORE ON PAGE
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113778 | LED Downlight Prism glare reduced 10W, IP54, warm white, dimmable



nominal power
active power
lighting current
color temp.
CRI

200-240V AC
10,4 W
980lm
3000K
82

protection class
ambient temp.
service life

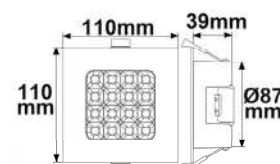
IP54
-20° - 40°
50000 h L70|B10



113778	90°	980lm
1 m	533 lx	Ø 2,0 m
2 m	133 lx	Ø 4,0 m
3 m	59 lx	Ø 6,0 m

Length: 110mm
Width: 110mm
Height: 42mm

Cut-out: 91mm
rec. depth: 39mm



DALI
UPGRADE

113779 | LED Downlight Prism glare reduced 10W, IP54, neutral white, dimmable



nominal power
active power
lighting current
color temp.
CRI

200-240V AC
10,5 W
1020lm
4000K
82

protection class
ambient temp.
service life

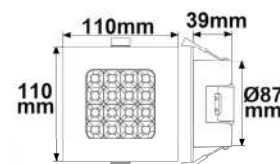
IP54
-20° - 40°
50000 h L70|B10



113779	90°	1020lm
1 m	554 lx	Ø 2,0 m
2 m	139 lx	Ø 4,0 m
3 m	62 lx	Ø 6,0 m

Length: 110mm
Width: 110mm
Height: 42mm

Cut-out: 91mm
rec. depth: 39mm



DALI
UPGRADE

113780 | LED Downlight Prism glare reduced 18W, IP54, warm white, dimmable



nominal power
active power
lighting current
color temp.
CRI

200-240V AC
19 W
1950lm
3000K
82

protection class
ambient temp.
service life

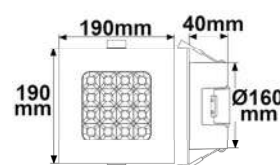
IP54
-20° - 40°
50000 h L70|B10



113780	90°	1950lm
1 m	1.060 lx	Ø 2,0 m
2 m	265 lx	Ø 4,0 m
3 m	118 lx	Ø 6,0 m

Length: 190mm
Width: 190mm
Height: 42mm

Cut-out: 170mm
rec. depth: 40mm



DALI
UPGRADE

**DALI
UPGRADE**

113781 | LED Downlight Prism glare reduced 18W, IP54, neutral white, dimmable



nominal power
active power
lighting current
color temp.
CRI

200-240V AC
19 W
2000lm
4000K
82

protection class
ambient temp.
service life

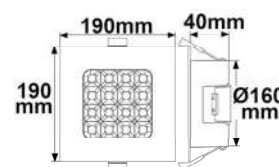
IP54
-20° - 40°
50000 h L70|B10



113781	90°	2000lm
1 m	1.087 lx	Ø 2,0 m
2 m	272 lx	Ø 4,0 m
3 m	121 lx	Ø 6,0 m

Length: 190mm
Width: 190mm
Height: 42mm

Cut-out: 170mm
rec. depth: 40mm



**DALI
UPGRADE**

113782 | LED Downlight Prism glare reduced 25W, IP54, warm white, dimmable



nominal power
active power
lighting current
color temp.
CRI

200-240V AC
26 W
2870lm
3000K
82

protection class
ambient temp.
service life

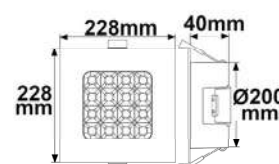
IP54
-20° - 40°
50000 h L70|B10



113782	90°	2870lm
1 m	1.560 lx	Ø 2,0 m
2 m	390 lx	Ø 4,0 m
3 m	173 lx	Ø 6,0 m

Length: 228mm
Width: 228mm
Height: 42mm

Cut-out: 210mm
rec. depth: 40mm



**DALI
UPGRADE**

113783 | LED Downlight Prism glare reduced 25W, IP54, neutral white, dimmable



nominal power
active power
lighting current
color temp.
CRI

200-240V AC
26 W
2920lm
4000K
82

protection class
ambient temp.
service life

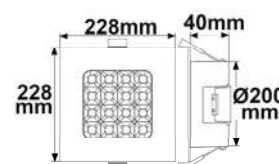
IP54
-20° - 40°
50000 h L70|B10



113783	90°	2920lm
1 m	1.587 lx	Ø 2,0 m
2 m	397 lx	Ø 4,0 m
3 m	176 lx	Ø 6,0 m

Length: 228mm
Width: 228mm
Height: 42mm

Cut-out: 210mm
rec. depth: 40mm



111833 | LED downlight, 8W, glass, side outlet, warm white



nominal power
active power
lighting current
color temp.
CRI

230V AC
8 W
350lm
2800K
82

protection class
ambient temp.
service life

IP44
-20° - 40°
30000 h L70|B10

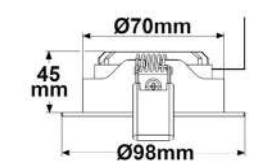
external transformer included



111833	120°	350lm
1 m	111 lx	Ø 3,5 m
2 m	28 lx	Ø 6,9 m
3 m	12 lx	Ø 10,4 m

Height: 45mm

Dia.: 98mm
Cut-out: 70mm
rec. depth: 45mm



Square Hole cut-out

115460 | LED downlight, 9W, square, ultra flat, glare reduced, white, warm white, dimmable CRI90



nominal power
active power
lighting current
color temp.
CRI

90-265V
9,8 W
800lm
3000K
92

protection class
ambient temp.
service life
external transformer included

IP42

-20° - 40°

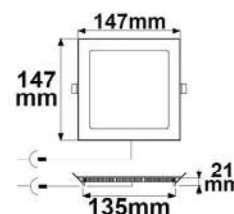
30000 h L70|B10



115460	120°	800lm
1 m	255 lx	Ø 3,5 m
2 m	64 lx	Ø 6,9 m
3 m	28 lx	Ø 10,4 m

Length: 148mm
Width: 148mm
Height: 23mm

Cut-out: 135mm
rec. depth: 20mm



DALI
UPGRADE

115461 | LED downlight, 9W, angular, ultra flat, glare reduced, white, neutral white, dimmable CRI90



nominal power
active power
lighting current
color temp.
CRI

90-265V
9,8 W
850lm
4000K
90

protection class
ambient temp.
service life
external transformer included

IP42

-20° - 40°

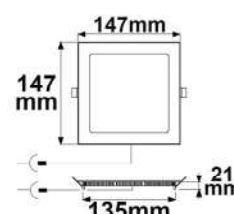
30000 h L70|B10



115461	120°	850lm
1 m	271 lx	Ø 3,5 m
2 m	68 lx	Ø 6,9 m
3 m	30 lx	Ø 10,4 m

Length: 148mm
Width: 148mm
Height: 23mm

Cut-out: 135mm
rec. depth: 20mm



DALI
UPGRADE

115462 | LED downlight, 9W, angular, ultra flat, glare reduced, black, warm white, dimmable CRI90



nominal power
active power
lighting current
color temp.
CRI

90-265V
9,8 W
800lm
3000K
92

protection class
ambient temp.
service life
external transformer included

IP42

-20° - 40°

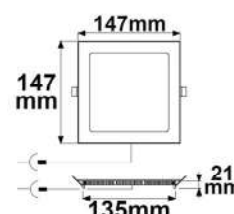
30000 h L70|B10



115462	120°	800lm
1 m	255 lx	Ø 3,5 m
2 m	64 lx	Ø 6,9 m
3 m	28 lx	Ø 10,4 m

Length: 148mm
Width: 148mm
Height: 23mm

Cut-out: 135mm
rec. depth: 20mm



DALI
UPGRADE

115466 | LED downlight, 15W, square, ultra flat, glare reduced, white, warm white, dimmable CRI90



nominal power
active power
lighting current
color temp.
CRI

90-265V
15,8 W
1450lm
3000K
92

protection class
ambient temp.
service life
external transformer included

IP42

-20° - 40°

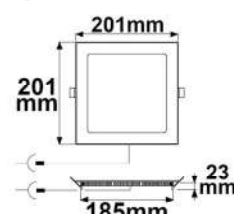
30000 h L70|B10



115466	120°	1450lm
1 m	462 lx	Ø 3,5 m
2 m	116 lx	Ø 6,9 m
3 m	51 lx	Ø 10,4 m

Length: 201mm
Width: 201mm
Height: 25mm

Cut-out: 185mm
rec. depth: 23mm



DALI
UPGRADE

**DALI
UPGRADE**

115467 | LED downlight, 15W, angular, ultra flat, glare reduced, white, neutral white, dimmable CRI90

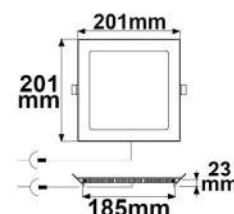


nominal power
active power
lighting current
color temp.
CRI

90-265V
15,8 W
1500lm
4000K
90

protection class **IP42**
ambient temp. **-20° - 40°**
service life **30000 h**
external transformer included

Length: 201mm Cut-out: 185mm
Width: 201mm rec. depth: 23mm
Height: 25mm



Distance	Beam Angle	Light Intensity (lx)	Beam Diameter (m)
1 m	120°	477 lx	Ø 3,5 m
2 m		119 lx	Ø 6,9 m
3 m		53 lx	Ø 10,4 m

**DALI
UPGRADE**

115468 | LED downlight, 15W, angular, ultra flat, glare reduced, black, warm white, dimmable CRI90

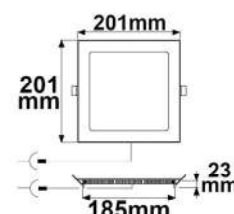


nominal power
active power
lighting current
color temp.
CRI

90-265V
15,8 W
1450lm
3000K
92

protection class **IP42**
ambient temp. **-20° - 40°**
service life **30000 h**
external transformer included

Length: 201mm Cut-out: 185mm
Width: 201mm rec. depth: 23mm
Height: 25mm



Distance	Beam Angle	Light Intensity (lx)	Beam Diameter (m)
1 m	120°	462 lx	Ø 3,5 m
2 m		116 lx	Ø 6,9 m
3 m		51 lx	Ø 10,4 m

**DALI
UPGRADE**

115599 | LED downlight ultraflat angular white, 18W, 225x225mm, Colorswitch 3000|3500|4000K, dimmable

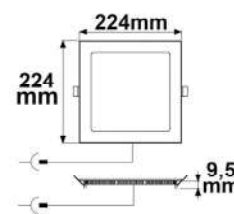


nominal power
active power
lighting current
color temp.
CRI

200-240V AC
18,5 W
1700lm
3000-4000K
80

protection class **IP42**
ambient temp. **-20° - 40°C**
service life **30000 h**

Length: 224mm Cut-out: 205mm
Width: 224mm rec. depth: 9,5mm
Height: 10mm



Distance	Beam Angle	Light Intensity (lx)	Beam Diameter (m)
1 m	120°	541 lx	Ø 3,5 m
2 m		135 lx	Ø 6,9 m
3 m		60 lx	Ø 10,4 m

**DALI
UPGRADE**

115600 | LED downlight ultraflat angular black, 18W, 225x225mm, Colorswitch 3000|3500|4000K, dimmable

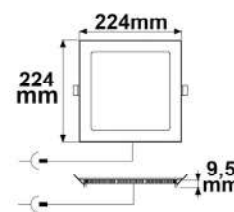


nominal power
active power
lighting current
color temp.
CRI

200-240V AC
18,5 W
1700lm
3000-4000K
80

protection class **IP42**
ambient temp. **-20° - 40°C**
service life **30000 h**

Length: 224mm Cut-out: 205mm
Width: 224mm rec. depth: 9,5mm
Height: 10mm



Distance	Beam Angle	Light Intensity (lx)	Beam Diameter (m)
1 m	120°	541 lx	Ø 3,5 m
2 m		135 lx	Ø 6,9 m
3 m		60 lx	Ø 10,4 m

115601 | LED downlight ultraflat angular white, 24W, 300x300mm, Colorswitch 3000|3500|4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

200-240V AC
24,8 W
2550lm
3000-4000K
80

protection class
ambient temp.
service life

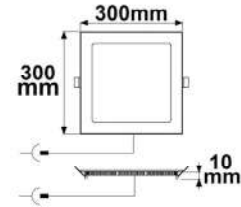
IP42
-20° - 40°C
30000 h L70|B10



115601	120°	2550lm
1 m	812 lx	Ø 3,5 m
2 m	203 lx	Ø 6,9 m
3 m	90 lx	Ø 10,4 m

Length: 300mm
Width: 300mm
Height: 10mm

Cut-out: 285mm
rec. depth: 9,5mm



DALI
UPGRADE

115602 | LED downlight ultraflat angular black, 24W, 300x300mm, Colorswitch 3000|3500|4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

200-240V AC
24,8 W
2550lm
3000-4000K
80

protection class
ambient temp.
service life

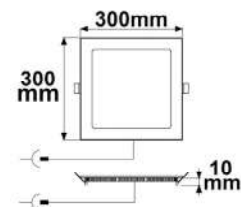
IP42
-20° - 40°C
30000 h L70|B10



115602	120°	2550lm
1 m	812 lx	Ø 3,5 m
2 m	203 lx	Ø 6,9 m
3 m	90 lx	Ø 10,4 m

Length: 300mm
Width: 300mm
Height: 10mm

Cut-out: 285mm
rec. depth: 9,5mm



DALI
UPGRADE

112460 | LED downlight, 9W, ultra flat, square, white, warm white, dimmable



nominal power
active power
lighting current
color temp.
CRI

230V AC
9,1 W
600lm
3000K
80

protection class
ambient temp.
service life
external transformer included

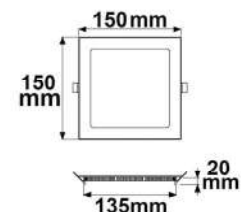
IP42
-20° - 60°
30000 h L70|B10



112460	120°	600lm
1 m	191 lx	Ø 3,5 m
2 m	48 lx	Ø 6,9 m
3 m	21 lx	Ø 10,4 m

Length: 150mm
Width: 150mm
Height: 20mm

Cut-out: 135x135mm
rec. depth: 27mm



DALI
UPGRADE

114903 | LED downlight, 9W, ultra flat, square, silver, warm white, dimmable



nominal power
active power
lighting current
color temp.
CRI

230V AC
9 W
590lm
3000K
80

protection class
ambient temp.
service life
external transformer included

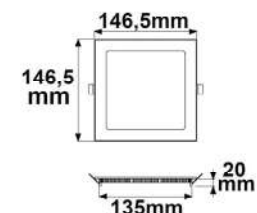
IP42
-20° - 60°
30000 h L70|B10



114903	120°	590lm
1 m	188 lx	Ø 3,5 m
2 m	47 lx	Ø 6,9 m
3 m	21 lx	Ø 10,4 m

Length: 146mm
Width: 146mm
Height: 20mm

Cut-out: 135x135mm
rec. depth: 27mm



DALI
UPGRADE

**DALI
UPGRADE**

112464 | LED downlight, 15W, ultra flat, square, white, warm white, dimmable



nominal power
active power
lighting current
color temp.
CRI

230V AC
15 W
970lm
3000K
80

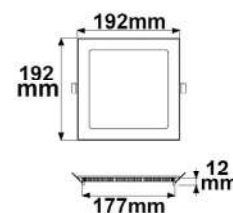
protection class **IP42**
ambient temp. **-20° - 60°**
service life **30000 h**
external transformer included



112464	120°	970lm
1 m	309 lx	Ø 3,5 m
2 m	77 lx	Ø 6,9 m
3 m	34 lx	Ø 10,4 m

Length: 192mm
Width: 192mm
Height: 12mm

Cut-out: 177x177mm
rec. depth: 25mm



**DALI
UPGRADE**

112465 | LED downlight, 15W, square, ultra flat, white, neutral white, dimmable



nominal power
active power
lighting current
color temp.
CRI

230V AC
16 W
1250lm
4000K
82

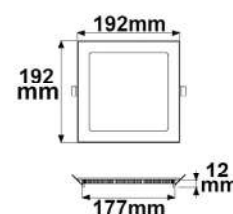
protection class **IP42**
ambient temp. **-20° - 60°**
service life **30000 h**
external transformer included



112465	120°	1250lm
1 m	398 lx	Ø 3,5 m
2 m	100 lx	Ø 6,9 m
3 m	44 lx	Ø 10,4 m

Length: 192mm
Width: 192mm
Height: 12mm

Cut-out: 177x177mm
rec. depth: 25mm



**DALI
UPGRADE**

114905 | LED downlight, 15W, ultra flat, square, silver, warm white, dimmable



nominal power
active power
lighting current
color temp.
CRI

230V AC
15 W
970lm
3000K
80

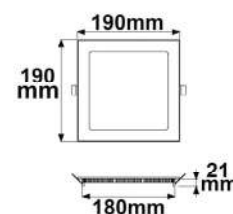
protection class **IP42**
ambient temp. **-20° - 60°**
service life **30000 h**
external transformer included



114905	120°	970lm
1 m	309 lx	Ø 3,5 m
2 m	77 lx	Ø 6,9 m
3 m	34 lx	Ø 10,4 m

Length: 190mm
Width: 190mm
Height: 12mm

Cut-out: 180x180mm
rec. depth: 25mm



**DALI
UPGRADE**

114906 | LED downlight, 15W, ultra flat, square, silver, neutral white, dimmable



nominal power
active power
lighting current
color temp.
CRI

230V AC
16 W
1250lm
4000K
80

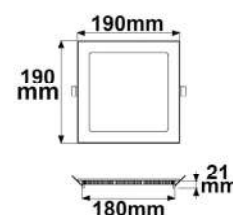
protection class **IP42**
ambient temp. **-20° - 60°**
service life **30000 h**
external transformer included



114906	120°	1250lm
1 m	398 lx	Ø 3,5 m
2 m	100 lx	Ø 6,9 m
3 m	44 lx	Ø 10,4 m

Length: 190mm
Width: 190mm
Height: 12mm

Cut-out: 180x180mm
rec. depth: 25mm



LED RECESSED LUMINAIRE

Installation frames MR16/GU10/GU5.3



Installation frame
ROUND + SQUARE



NEW



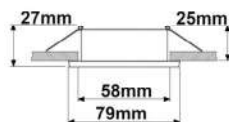
113128 | Installation frame
angular, hole cutout 58mm,
alu black, for GU10/MR16



Length: 79mm
Width: 79mm
Height: 27mm

Cut-out: 58mm
rec. depth: 25mm

ISOLED



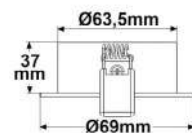
113125 | Installation frame
slim round, hole cutout
63,5mm, DN69, alu brushed,



Height: 39mm

Dia.: 69mm
Cut-out: 63,5mm
rec. depth: 37mm

ISOLED



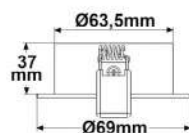
113126 | Installation frame
slim round, hole cutout
63,5mm, DN69, alu black, for



Height: 39mm

Dia.: 69mm
Cut-out: 63,5mm
rec. depth: 37mm

ISOLED



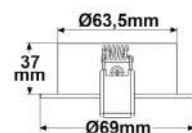
113127 | Installation frame
slim round, hole cutout
63,5mm, DN69, alu white, for



Height: 39mm

Dia.: 69mm
Cut-out: 63,5mm
rec. depth: 37mm

ISOLED

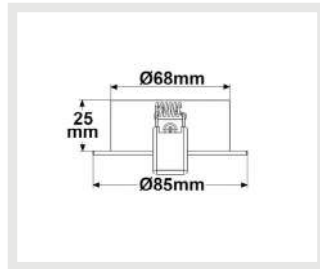




Height: 28mm
Dia.: 85mm
Cut-out: 68mm

NEW

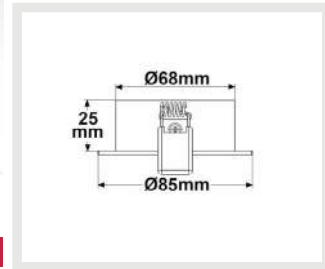
115692 | Installation frame round, hole cutout 68mm, white, for GU10/MR16 spots



Height: 28mm
Dia.: 85mm
Cut-out: 68mm

NEW

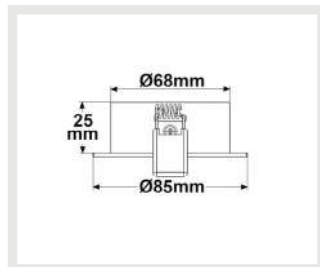
115693 | Installation frame round, hole cutout 68mm, black, for GU10/MR16 spots



Height: 28mm
Dia.: 85mm
Cut-out: 68mm

NEW

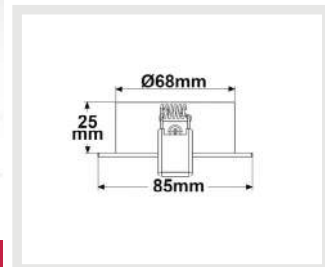
115694 | Installation frame round, hole cutout 68mm, brushed aluminum, for



Length: 85mm
Width: 85mm
Height: 28mm

NEW

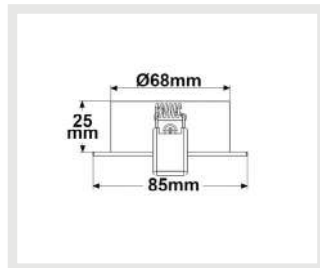
115695 | Installation frame angular, hole cutout 68mm, white, for GU10/MR16 spots



Length: 85mm
Width: 85mm
Height: 28mm

NEW

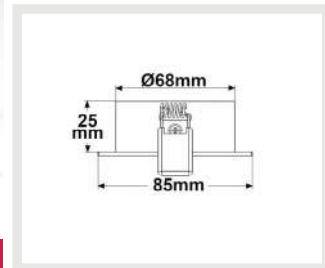
115696 | Installation frame angular, hole cutout 68mm, black, for GU10/MR16 spots



Length: 85mm
Width: 85mm
Height: 28mm

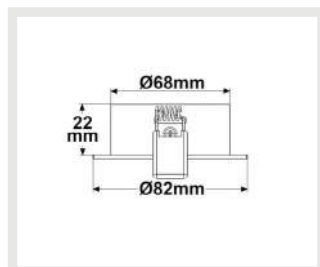
NEW

115697 | Installation frame angular, hole cutout 68mm, brushed aluminum, for



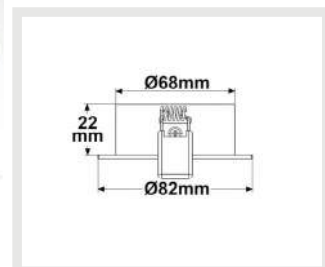
Height: 25mm
Dia.: 82mm
Cut-out: 68mm
rec. depth: 22mm

113712 | Installation frame round, hole cutout 68mm, alu white, for GU10/MR16 spots



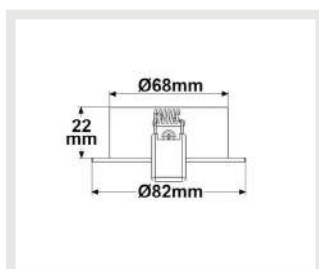
Height: 25mm
Dia.: 82mm
Cut-out: 68mm
rec. depth: 22mm

113713 | Installation frame round, hole cutout 68mm, alu nickel satin, for GU10/MR16





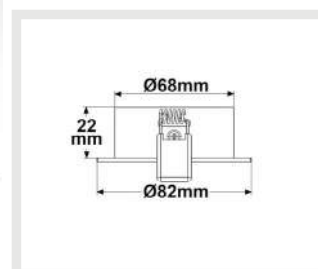
114418 | Installation frame round, hole cutout 68mm, alu black, for GU10/MR16 spots



Height: 25mm
Dia.: 82mm
Cut-out: 68mm
rec. depth: 22mm



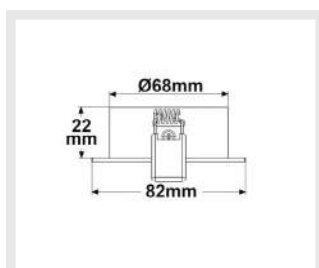
111570 | Installation frame BRUSH TWO round, hole cutout 68mm, alu, swiveling,



Height: 25,5mm
Dia.: 82mm
Cut-out: 68mm
rec. depth: 25,5mm



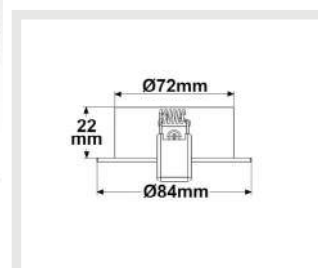
111571 | Installation frame BRUSH TWO angular, hole cutout 68mm, alu, swiveling,



Length: 82mm
Width: 82mm
Height: 25,5mm
Cut-out: 68mm
rec. depth: 25,5mm



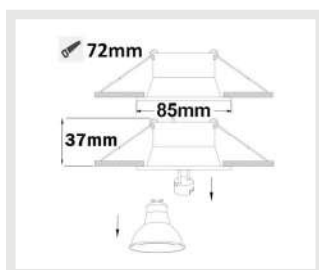
113129 | Installation frame round, hole cutout 70mm, alu black, for GU10/MR16 spots



Height: 29mm
Dia.: 84mm
Cut-out: 72mm
rec. depth: 25mm



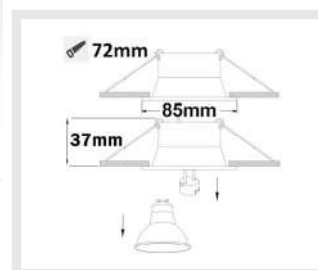
113280 | Installation frame round with glass lens, hole cutout 72mm, white, for



Height: 45mm
Dia.: 85mm
Cut-out: 72mm
rec. depth: 37mm



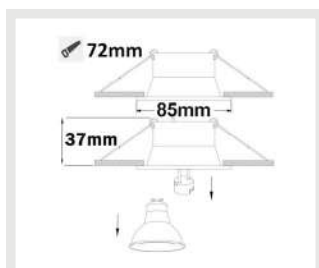
113281 | Installation frame round with glass lens, hole cutout 72mm, black, for



Height: 45mm
Dia.: 85mm
Cut-out: 72mm
rec. depth: 37mm



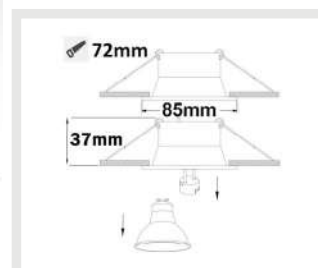
113282 | Installation frame angular with glass lens, hole cutout 72mm, white, for



Length: 85mm
Width: 85mm
Height: 45mm
Cut-out: 72mm
rec. depth: 37mm



113283 | Installation frame angular with glass lens, hole cutout 72mm, black, for

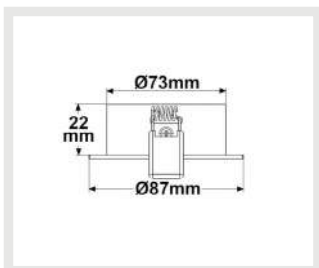


Length: 85mm
Width: 85mm
Height: 45mm
Cut-out: 72mm
rec. depth: 37mm



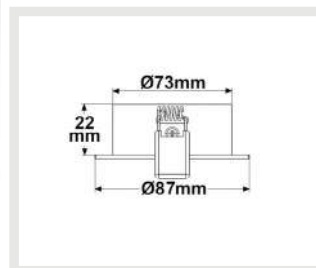
ISOLED
Height: 22mm
Dia.: 87mm
Cut-out: 73mm
rec. depth: 22mm

114984 | Installation frame
lon round, hole cutout 73mm,
white, for GU10/MR16 spots



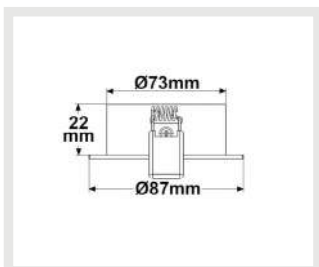
ISOLED
Height: 22mm
Dia.: 87mm
Cut-out: 73mm
rec. depth: 22mm

114985 | Installation frame
lon round, hole cutout 73mm, satin nickel, for



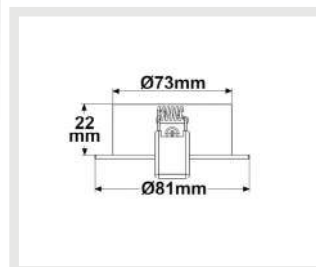
ISOLED
Height: 22mm
Dia.: 87mm
Cut-out: 73mm
rec. depth: 22mm

114986 | Installation frame
lon round, hole cutout 73mm,
chrome, for GU10/MR16



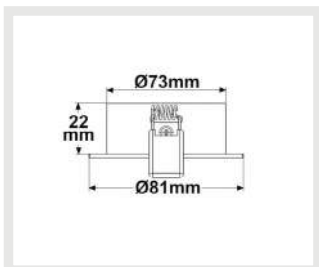
ISOLED
Height: 27mm
Dia.: 81mm
Cut-out: 73mm
rec. depth: 22mm

111047 | Installation frame
lon round, hole cutout 73mm, white, for



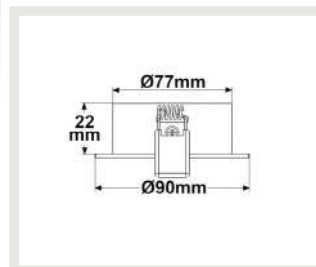
ISOLED
Height: 27mm
Dia.: 81mm
Cut-out: 73mm
rec. depth: 22mm

111048 | Installation frame
lon round, hole cutout 73mm,
satin nickel, for GU10/MR16



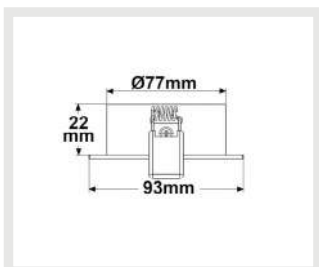
ISOLED
Height: 25mm
Dia.: 90mm
Cut-out: 77mm
rec. depth: 25mm

111063 | Installation frame
BRUSH round, hole cutout 78mm, brushed aluminum,



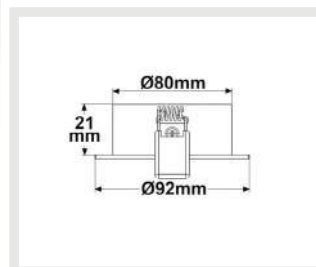
ISOLED
Length: 90mm
Width: 90mm
Height: 25mm
Cut-out: 77mm
rec. depth: 25mm

111062 | Installation frame
BRUSH angular, hole cutout 78mm, brushed alu, for



ISOLED
Height: 24mm
Dia.: 92mm
Cut-out: 80mm
rec. depth: 21mm

114005 | Installation frame
round, hole cutout 80mm,
black + black-gold, for

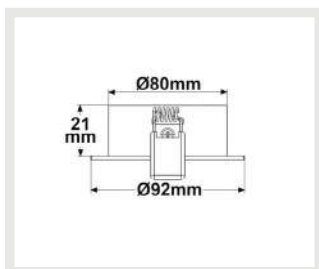




ISOLED

Height: 24mm
Dia.: 92mm
Cut-out: 80mm
rec. depth: 21mm

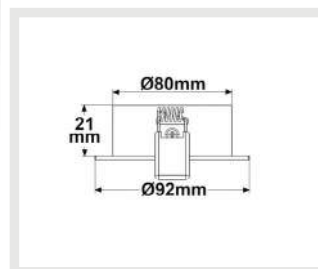
114006 | Installation frame round, hole cutout 80mm, black + white-silver, for



ISOLED

Height: 24mm
Dia.: 92mm
Cut-out: 80mm
rec. depth: 21mm

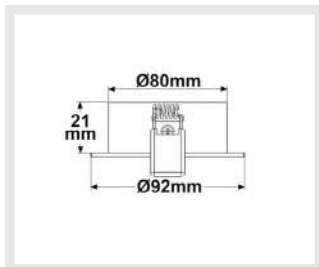
114007 | Installation frame round, hole cutout 80mm, black + black, for GU10/MR16



ISOLED

Height: 24mm
Dia.: 92mm
Cut-out: 80mm
rec. depth: 21mm

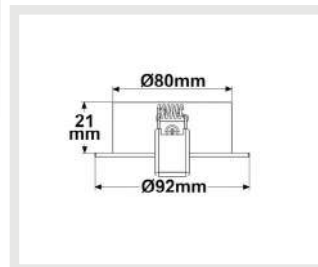
114008 | Installation frame round, hole cutout 80mm, black + alu white, for



ISOLED

Height: 24mm
Dia.: 92mm
Cut-out: 80mm
rec. depth: 21mm

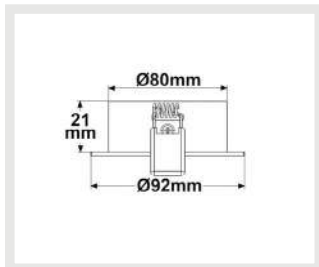
114009 | Installation frame round, hole cutout 80mm, black + alu brushed, for



ISOLED

Height: 24mm
Dia.: 92mm
Cut-out: 80mm
rec. depth: 21mm

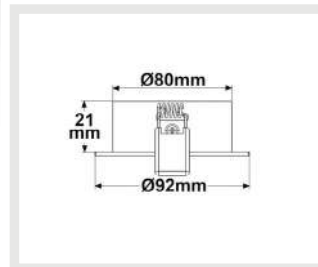
114010 | Installation frame round, hole cutout 80mm, white + black-gold, for



ISOLED

Height: 24mm
Dia.: 92mm
Cut-out: 80mm
rec. depth: 21mm

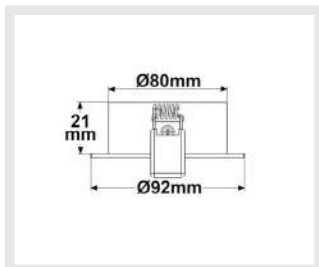
114011 | Installation frame round, hole cutout 80mm, white + white-silver, for



ISOLED

Height: 24mm
Dia.: 92mm
Cut-out: 80mm
rec. depth: 21mm

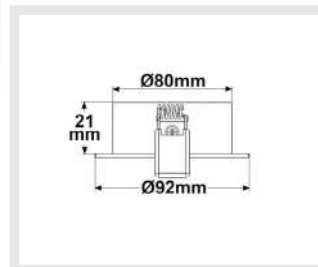
114012 | Installation frame round, hole cutout 80mm, white + black, for



ISOLED

Height: 24mm
Dia.: 92mm
Cut-out: 80mm
rec. depth: 21mm

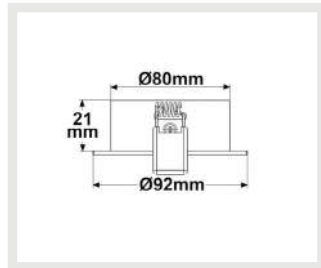
114013 | Installation frame round, hole cutout 80mm, white + white-aluminum, for



114014 | Installation frame round, hole cutout 80mm, white + alu brushed, for



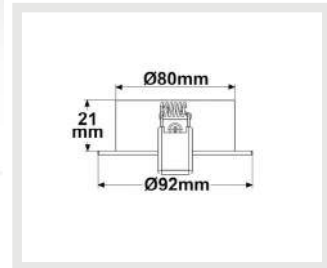
Height: 24mm
Dia.: 92mm
Cut-out: 80mm
rec. depth: 21mm



114015 | Installation frame round, hole cutout 80mm, alu brushed + black-gold, for



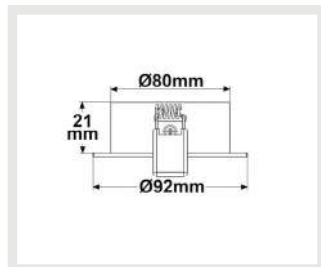
Height: 24mm
Dia.: 92mm
Cut-out: 80mm
rec. depth: 21mm



114016 | Installation frame round, hole cutout 80mm, alu brushed + white-silver, for



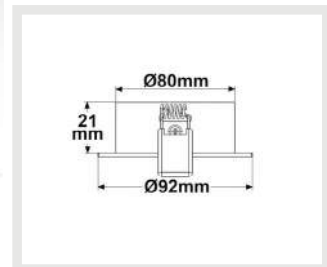
Height: 24mm
Dia.: 92mm
Cut-out: 80mm
rec. depth: 21mm



114017 | Installation frame round, hole cutout 80mm, alu brushed + black, for



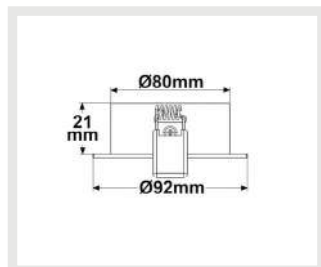
Height: 24mm
Dia.: 92mm
Cut-out: 80mm
rec. depth: 21mm



114018 | Installation frame round, hole cutout 80mm, alu brushed + alu white, for



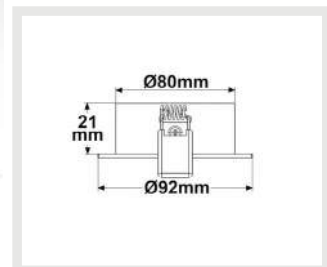
Height: 24mm
Dia.: 92mm
Cut-out: 80mm
rec. depth: 21mm



114019 | Installation frame round, hole cutout 80mm, brushed alu + brushed alu,



Height: 24mm
Dia.: 92mm
Cut-out: 80mm
rec. depth: 21mm





LED RECESSED LUMINAIRE

LED AR111 spotlights and frames



AR11 spotlight



112574 | AR111 30W, 35°-50° variable, warm white, incl. external VG



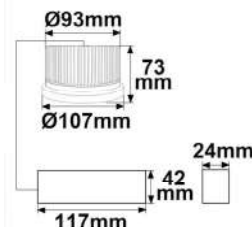
nominal power
active power
lighting current
color temp.
CRI

230V AC
28 W
2600lm
3000K
80

protection class **IP40**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**
external transformer included



Height: 77mm Dia.: 107mm
rec. depth: 70mm



112575 | AR111 30W, 35°-50° variable, neutral white, incl. external VG



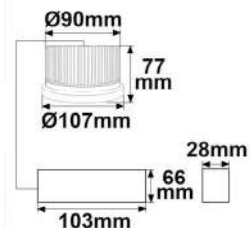
nominal power
active power
lighting current
color temp.
CRI

230V AC
28 W
2700lm
4000K
81

protection class **IP40**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**
external transformer included



Height: 77mm Dia.: 107mm
rec. depth: 70mm



AR111 spotlight | Food lighting

112735 | AR111 Bread light 30W, 35°-50° variable, incl. external VG



nominal power
active power
lighting current
color temp.
CRI

230V AC
28 W
2516lm
2760K
90

protection class
ambient temp.
service life
external transformer included

IP40

-20° - 40°

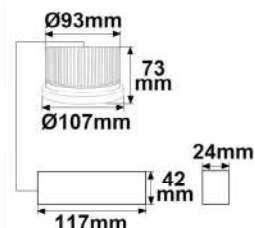
30000 h L70|B10



FOOD
SAFE



Height: 73mm Dia.: 107mm
rec. depth: 70mm



112736 | AR111 Fruit light 30W, 35°-50° variable, incl. external VG



nominal power
active power
lighting current
color temp.
CRI

230V AC
28 W
2847lm
3100K
90

protection class
ambient temp.
service life
external transformer included

IP40

-20° - 40°

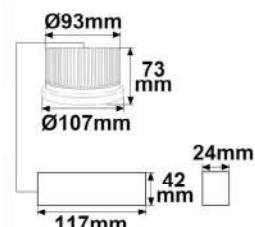
30000 h L70|B10



FOOD
SAFE



Height: 73mm Dia.: 107mm
rec. depth: 70mm



112737 | AR111 Meat light 30W, 35°-50° variable, incl. external VG



nominal power
active power
lighting current
color temp.
CRI

230V AC
28 W
948lm
1900K
85

protection class
ambient temp.
service life
external transformer included

IP40

-20° - 40°

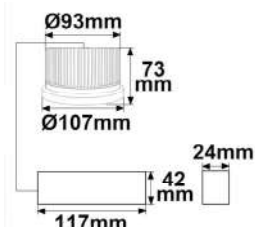
30000 h L70|B10



FOOD
SAFE



Height: 73mm Dia.: 107mm
rec. depth: 70mm



112738 | AR111 Fresh Meat light 30W, 35°-50° variable, incl. external VG



nominal power
active power
lighting current
color temp.
CRI

230V AC
28 W
1853lm
3200K
90

protection class
ambient temp.
service life
external transformer included

IP40

-20° - 40°

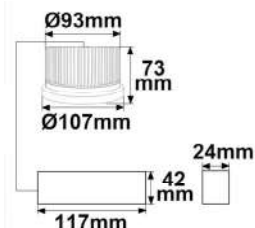
30000 h L70|B10



FOOD
SAFE



Height: 73mm Dia.: 107mm
rec. depth: 70mm



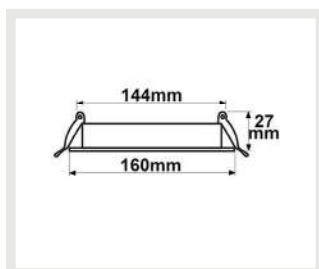
Mounting frame AR111

112977 | Installation frame
AR111, round, flat, swivelling



ISOLED

Height: 27mm
Dia.: 160mm
Cut-out: 144mm
rec. depth: 27mm

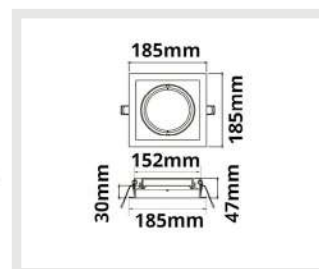


112576 | Installation frame
AR111, square, 1-fold, swivelling



ISOLED

Length: 185mm
Width: 185mm
Height: 47mm
Cut-out: 166x152mm
rec. depth: 47mm



112577 | Installation frame
AR111, square, 2-fold, swivelling



ISOLED

Length: 340mm
Width: 185mm
Height: 47mm
Cut-out: 166x310mm
rec. depth: 47mm



LED RECESSED LUMINAIRE

LED recessed wall luminaires | Sys-Wall68 series



SYS 68
WALL



**WITH PIR
MOTION SENSOR**



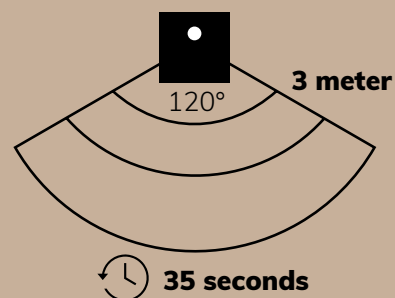
NEW

SYS 68 WALL

NEW



WITH PIR
MOTION SENSOR



COVERS WITH
MAGNET
EXCHANGEABLE



High-quality product compatibility
of ISOLED®



Recessed light + 6 selectable covers

1.



According to your specifications, choose one of the two variants of the recessed luminaire. You can choose between color switch with open connection cable or with a ready-to-plug quick connection.

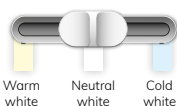


COLOR SWITCH

COLOR TEMPERATURE SELECTABLE

175-265 V DC | 3 Watt | IP44

Three different color temperatures can be selected via dip-switch



2.



There are 6 covers to choose for your individual look. The covers can be exchanged as desired.

CHOOSE COLOR



BLACK



WHITE

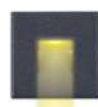
CHOOSE BEAM ANGLE



ANGLE 1



ANGLE 2



ANGLE 3

115606 | LED recessed wall light Sys-Wall68 230V, with PIR sensor, 2W, Colorswitch



ISOLED

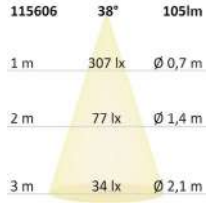
NEW

nominal power
active power
lighting current
color temp.

175-265V AC
1,8 W
105lm
3000-6000K

ambient temp.
service life

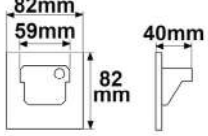
-10° - 35°
20000 h L70|B10



Distance (m)	Beam Angle (°)	Illuminance (lx)	Beam Diameter (m)
1	38°	307 lx	Ø 0,7 m
2		77 lx	Ø 1,4 m
3		34 lx	Ø 2,1 m

Length: 82mm
Width: 82mm
Height: 40mm

Cut-out: 59mm





NEW 115608
Cover aluminum angular black, for recessed wall light Sys-Wall68 with PIR sensor



NEW 115610
Cover aluminum angular black, for recessed wall light Sys-Wall68 with PIR sensor



NEW 115612
Cover aluminum angular black, for recessed wall light Sys-Wall68 with PIR sensor



NEW 115607
Cover aluminum angular white, for recessed wall light Sys-Wall68 with PIR sensor



NEW 115609
Cover aluminum angular white, for recessed wall light Sys-Wall68 with PIR sensor



NEW 115611
Cover aluminum angular white, for recessed wall light Sys-Wall68 with PIR sensor

SYS 68 WALL



Stair effect lighting

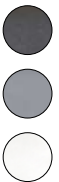
Dynamic light activation via motion detector

ItemNo. 114910



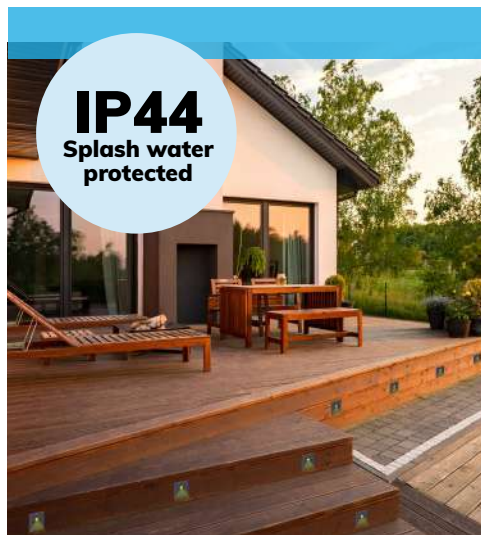
High-quality product compatibility
of ISOLED®

1 recessed wall light + 13
selectable covers



Timeless design with the ISOLED Cover

Choose between 13 different
covers with high-quality powder
coating and create your individual
combination.



IP44
Splash water
protected

Light creates EMOTION.

With the help of the LED recessed
wall lights of ISOLED® rooms
appear brighter and get an appea-
ling effect.



Color temperature selectable or ready to plug in

The recessed wall lights can be
adapted to the atmosphere at any
time using the Color Switch function
or supplied ready to plug in.

1.



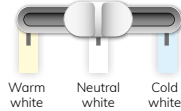
According to your specifications, choose one of the two variants of the recessed luminaire. You can choose between color switch with open connection cable or with a ready-to-plug quick connection.



COLOR SWITCH
COLOR TEMPERATURE SELECTABLE

175-265 V DC | 3 Watt | IP44

Three different color temperatures can be selected via dip-switch



READY TO PLUG IN
NO SPECIALIST ELECTRICAL WORK NECESSARY

24 V DC | 3 watts | IP44

COMPATIBLE WITH THE SERIES

MINIAMP
READY TO PLUG IN

Choose between two color temperatures

WARM WHITE

lighting current: 120 Lm
color temp.: 3000 K

NEUTRAL WHITE

lighting current: 120 Lm
color temp.: 4000 K

2.



There are 13 covers to choose for your individual look. The covers can be exchanged as desired.

CHOOSE SHAPE



ROUND
OR
ANGULAR



CHOOSE COLOR



BLACK



SILVER GREY



WHITE

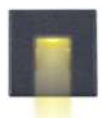
CHOOSE BEAM ANGLE



ANGLE 1



ANGLE 2



ANGLE 3

SIMPLE AND PRECISE INSTALLATION OF THE SUSTAINABLE LED LIGHTING SOLUTION



1 PLASTERING IS POSSIBLE

The luminaire can be used in the wall with a common 68 mm plaster box (i.e. hole/recess in solid wall with 68 mm diameter). The product is supplied with a flush-mounted box with a hole cutout of 72 mm and a depth of 67 mm.



2 INSTALL. IN CAVITY WALL

The luminaire can be screwed directly into cavity walls. This requires a hole cutout of 59 mm.



3 INSTALLATION WITH SPRING

Another option is mounting in drywall with optional recessed spring. A hole cutout of 63 mm is required for this.

114555 | LED recessed wall light Sys-Wall68 230V, 3W, IP44, ColorSwitch 3000K|4000K|6000K (excl. cover)


nominal power	175-265V AC	protection class	IP44
active power	2,5 W	ambient temp.	-10° - 35°C
lighting current	140lm	service life	20000 h L70 B10
color temp.	3000-6000K		
CRI	81		



114555	38°	140lm
1 m	409 lx	Ø 0,7 m
2 m	102 lx	Ø 1,4 m
3 m	45 lx	Ø 2,1 m

Height: 54mm
Dia.: 79mm
Cut-out: 59mm
rec. depth: 53mm


READY TO PLUG IN

WARM WHITE
lighting current: 120 Lm
color temp.: 3000 K
114682

NEUTRAL WHITE
lighting current: 120 Lm
color temp.: 4000 K
114683



114556
Cover aluminium round 1 white for
recessed wall light Sys-Wall68



114557
Cover aluminium round 1 black for
recessed wall light Sys-Wall68



114560
Cover aluminium square 1 white for
recessed wall light Sys-Wall68



114561
Cover aluminium square 1 black for
recessed wall light Sys-Wall68



114558
Cover aluminium round 2 white for
recessed wall light Sys-Wall68



114559
Cover aluminium round 2 black for
recessed wall light Sys-Wall68



114563
Cover aluminium square 2 white for
recessed wall light Sys-Wall68



114564
Cover aluminium square 2 black for
recessed wall light Sys-Wall68



114566
Cover aluminium square 3 white for
recessed wall light Sys-Wall68



114567
Cover aluminium square 3 black for
recessed wall light Sys-Wall68



114562
Cover aluminium square 1 silver-grey
for recessed wall light Sys-Wall68



114565
Cover aluminium square 2 silver-grey
for recessed wall light Sys-Wall68



114568
Cover aluminium angular 3 silver-grey
for recessed wall light Sys-Wall68



115144
Sys-Wall mounting spring / clip



LED RECESSED WALL LIGHTS WITH COLOR SWITCH

FOR LIGHTING STAIRS AND CORRIDORS

INSTALL. IN CAVITY WALL



The luminaire with spring clips can be installed into a hole cut-out with the size 90x55 mm (min. 30 mm depth).

PLASTER OPTION



With the enclosed surface box (cutout 107x72x52 mm) the luminaire can be installed in solid walls.

114569 | LED wall recessed luminaire square, 2.5W, IP65, ColorSwitch 3000K|4000K|6000K, incl. wall box



nominal power
active power
lighting current
color temp.
CRI

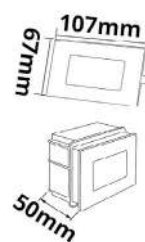
220-240V AC
2,5 W
150lm
3000-6000K
81

protection class
ambient temp.
service life
external transformer included

IP65
-10° - 35°C
20000 h L70|B10

114569	120°	150lm
1 m	48 lx	Ø 3,5 m
2 m	12 lx	Ø 6,9 m
3 m	5 lx	Ø 10,4 m

Length: 107mm
Width: 67mm
Height: 50mm



111610 | LED recessed luminaire rectangular IP44, stainless steel, 1W, warm white, incl. surface box



nominal power
active power
lighting current
color temp.
CRI

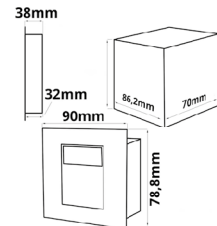
230V AC
2,3 W
56lm
2900K
80

protection class
ambient temp.
service life

IP44
-20° - 40°
30000 h L70|B10

111610	30°	56lm
1 m	262 lx	Ø 0,5 m
2 m	66 lx	Ø 1,1 m
3 m	29 lx	Ø 1,6 m

Length: 100mm
Width: 90mm
Height: 38mm



112212 | LED wall recessed luminaire square, IP65, 1x3W CREE, warm white, incl. wall box



nominal power
active power
lighting current
color temp.
CRI

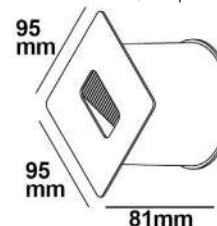
220-240V AC
3,8 W
100lm
3000K
80

protection class
ambient temp.
service life
external transformer included

IP65
-20° - 65°
30000 h L70|B10

112212	60°	100lm
1 m	119 lx	Ø 1,2 m
2 m	30 lx	Ø 2,3 m
3 m	13 lx	Ø 3,5 m

Height: 81mm
Dia.: 95mm
Cut-out: 90mm
rec. depth: 81mm





Drywall ceiling in bathroom



Installation in suspended ceiling (living area)



Decorative wall lighting with drywall

Light solutions are part of architecture Individual and the right light for every purpose

"The field service is very friendly and not pushy, competent and if something could not be answered, it was delivered later - very committed!"

Feedback from customer survey 2022

PLASTER LIGHTS AND RETROFIT CIRCUIT BOARDS

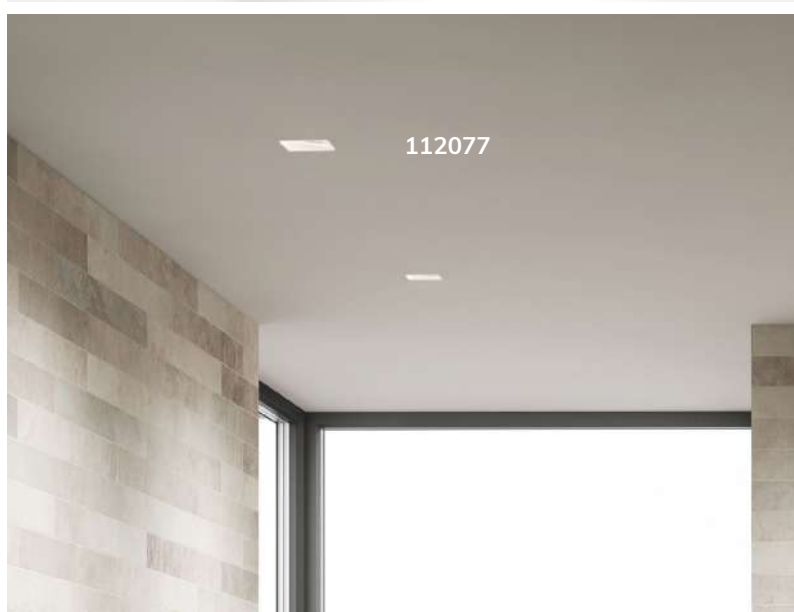
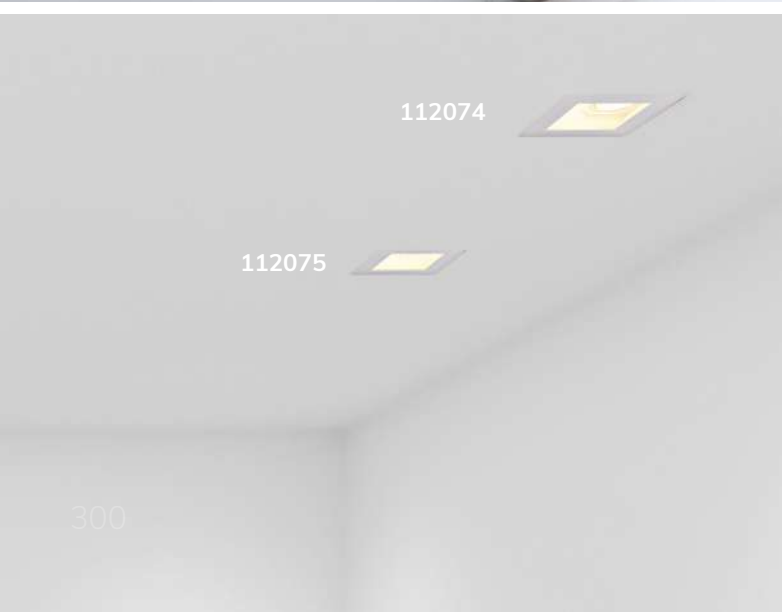
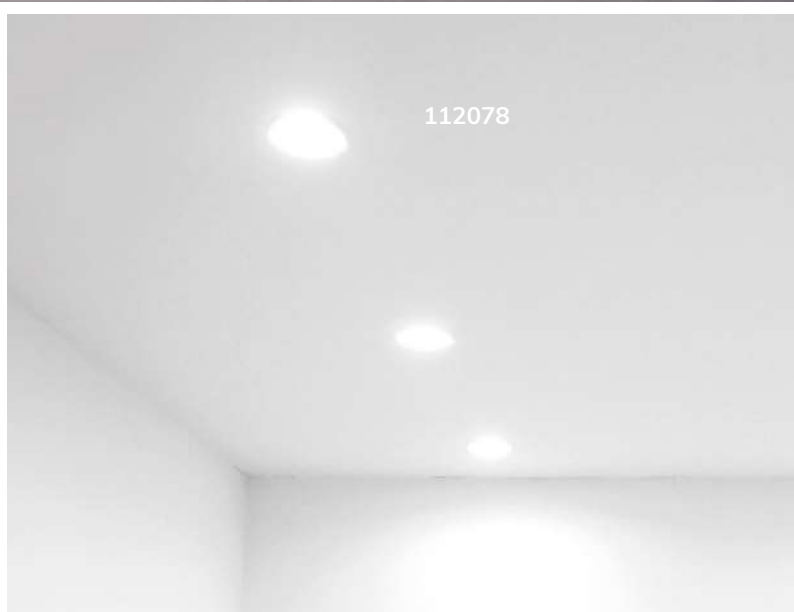
CUSTOMISED LIGHT SOLUTIONS



PAGE 301
Plasterboard lights series



PAGE 305
LED conversion kits



PLASTER LIGHTS AND RETROFIT CIRCUIT BOARDS

Plasterboard lights series

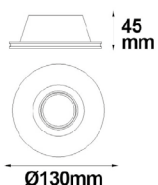




**112076 | Plaster-spotlight
recessed GU5.3, round,
recessed, white**

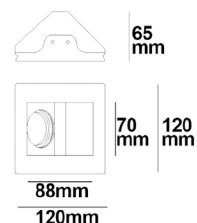


Height: 45mm
Dia.: 130mm
rec. depth: 45mm

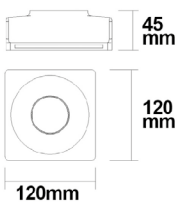


Length: 120mm
Width: 120mm
Height: 65mm
rec. depth: 100mm

**112077 | Plaster-spotlight
recessed GU5.3, square,
recessed, asymmetric, white**

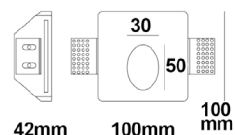


Length: 120mm
Width: 120mm
Height: 45mm
rec. depth: 150mm



Length: 100mm
Width: 100mm
Height: 42mm

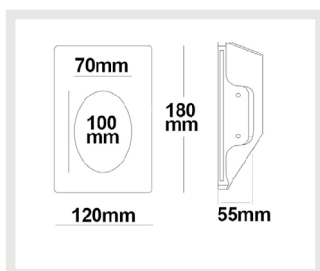
**112169 | plaster wall
recessed light, square,
GU4/MR11, small design**





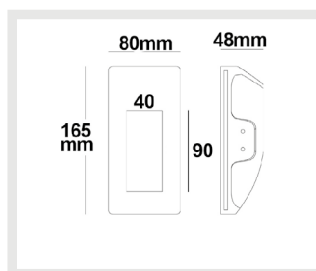
Length: 180mm
Width: 120mm
Height: 55mm

112170 | plaster wall
recessed light, rectangular,
GU4/MR11, large design style



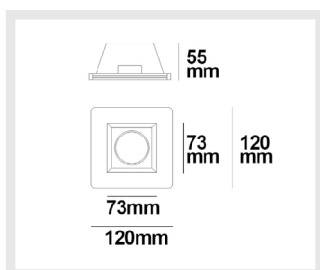
Length: 165mm
Width: 80mm
Height: 48mm

112167 | plaster wall
recessed light, oblong,
MR11/GU4, small design



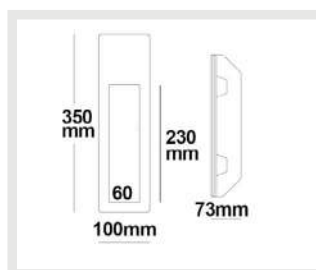
Length: 120mm
Width: 120mm
Height: 55mm
rec. depth: 150mm

112074 | Plaster-spotlight
recessed Gu53, square,
recessed, white



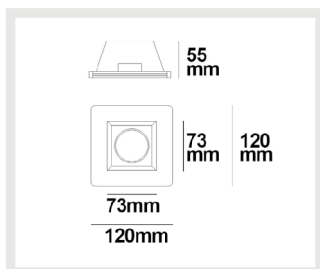
Length: 350mm
Width: 100mm
Height: 73mm

112168 | plaster wall
recessed light, oblong, GU10,
large design style



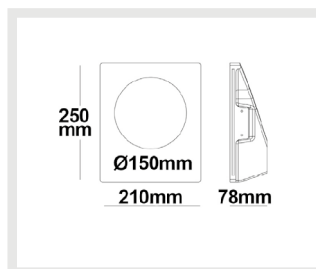
Length: 120mm
Width: 120mm
Height: 55mm
rec. depth: 150mm

112075 | Plaster-spotlight
recessed GU5.3, square with
glass satin, recessed, white



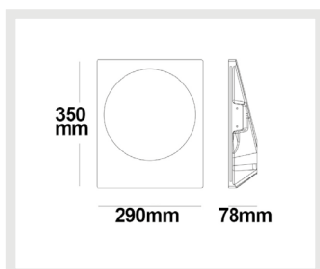
Length: 250mm
Width: 210mm
Height: 78mm

112165 | plaster wall
recessed light G9, small
opening round



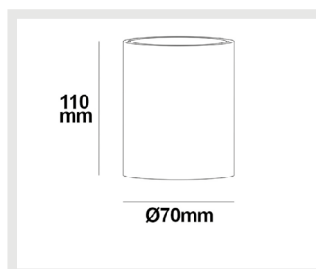
Length: 350mm
Width: 290mm
Height: 78mm

112166 | plaster wall
recessed light G9, large
opening round



Height: 110mm
Dia.: 70mm

112177 | plaster ceiling
surface mount light, GU10,
round

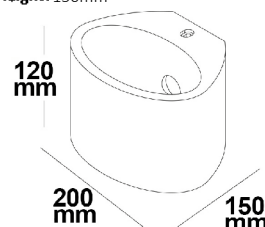


112174 | plaster wall light G9, oval


protection class
ambient temp.
lamp excluded

IP20
0° - 40°C

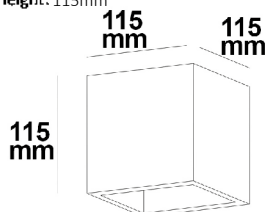
Length: 120mm
Width: 200mm
Height: 150mm


112164 | plaster wall light G9, cube-shaped


protection class
ambient temp.
lamp excluded

IP20
0° - 40°C

Length: 115mm
Width: 115mm
Height: 115mm


112172 | LED plaster wall light 2x3W, UP&DOWN, square, warm white

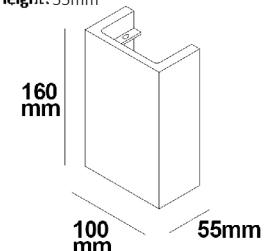

nominal power
active power
lighting current
color temp.
CRI

230V AC
6,8 W
410lm
3000K
80

protection class
ambient temp.
service life
external transformer included

IP20
0° - 40°C
30000 h L70|B10

Length: 160mm
Width: 100mm
Height: 55mm



112172	120°	410lm
1 m	131 lx	Ø 3,5 m
2 m	33 lx	Ø 6,9 m
3 m	15 lx	Ø 10,4 m

112173 | LED plaster wall light 2x3W, UP&DOWN, round, warm white

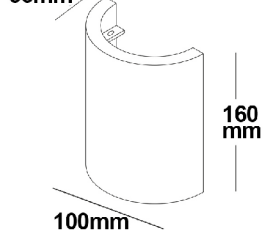

nominal power
active power
lighting current
color temp.
CRI

230V AC
6,8 W
410lm
3000K
80

protection class
ambient temp.
service life
external transformer included

IP20
0° - 40°C
30000 h L70|B10

Length: 160mm
Width: 100mm
Height: 55mm



112173	120°	410lm
1 m	131 lx	Ø 3,5 m
2 m	33 lx	Ø 6,9 m
3 m	15 lx	Ø 10,4 m

PLASTER LIGHTS AND RETROFIT CIRCUIT BOARDS

LED conversion kits



Retrofit circuit board with magnet



Available with diameters 168 mm and 230 mm

NEW

115809 | LED retrofit circuit board 168mm, 16W, with holding magnet, warm white


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
16,2 W
1850lm
3000K
80

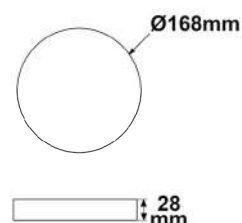
protection class
ambient temp.
service life

IP42
-20° - 40°C
30000 h L70|B10



	115809	160°	1850lm
1 m		356 lx	
2 m		89 lx	
3 m		40 lx	

Height: 28mm Dia.: 168mm


115810 | LED retrofit circuit board 168mm, 16W, with holding magnet, neutral white


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
16,2 W
2035lm
4000K
80

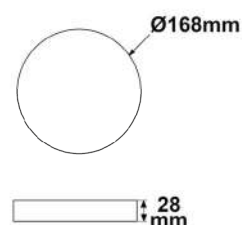
protection class
ambient temp.
service life

IP42
-20° - 40°C
30000 h L70|B10



	115810	160°	2035lm
1 m		392 lx	
2 m		98 lx	
3 m		44 lx	

Height: 28mm Dia.: 168mm


115811 | LED retrofit circuit board 230mm, 24W, with holding magnet, warm white


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
22,6 W
2600lm
3000K
80

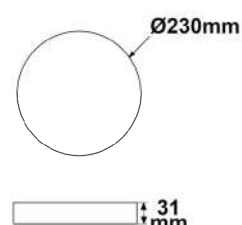
protection class
ambient temp.
service life

IP42
-20° - 40°C
30000 h L70|B10



	115811	160°	2600lm
1 m		501 lx	
2 m		125 lx	
3 m		56 lx	

Height: 31mm Dia.: 230mm


115812 | LED retrofit circuit board 230mm, 24W, with holding magnet, neutral white


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
22,6 W
2800lm
4000K
80

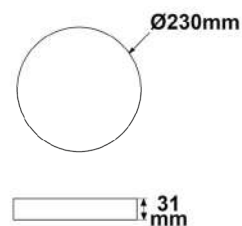
protection class
ambient temp.
service life

IP42
-20° - 40°C
30000 h L70|B10



	115812	160°	2800lm
1 m		539 lx	
2 m		135 lx	
3 m		60 lx	

Height: 31mm Dia.: 230mm



112351 | LED retrofit circuit board 130mm, 9W, with magnet, warm white



nominal power
active power
lighting current
color temp.
CRI

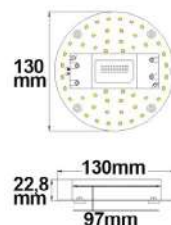
100-277V AC
9,9 W
1070lm
3000K
80

protection class **IP20**
ambient temp. **-20° - 45°**
service life **35000 h L70|B10**
external transformer included



112351	120°	1070lm
1 m	341 lx	Ø 3,5 m
2 m	85 lx	Ø 6,9 m
3 m	38 lx	Ø 10,4 m

Height: 23mm Dia.: 130mm



112412 | LED retrofit circuit board 130mm, 9W, with magnet, neutral white



nominal power
active power
lighting current
color temp.
CRI

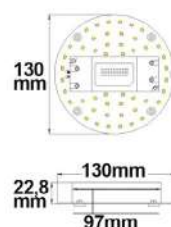
100-277V AC
9,9 W
1100lm
4200K
80

protection class **IP20**
ambient temp. **-20° - 45°**
service life **35000 h L70|B10**



112412	120°	1100lm
1 m	350 lx	Ø 3,5 m
2 m	88 lx	Ø 6,9 m
3 m	39 lx	Ø 10,4 m

Height: 23mm Dia.: 130mm



112350 | LED retrofit circuit board 160mm, 12W, with magnet, warm white



nominal power
active power
lighting current
color temp.
CRI

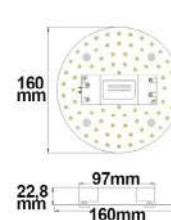
100-277V AC
13 W
1600lm
3000K
80

protection class **IP20**
ambient temp. **-20° - 45°**
service life **35000 h L70|B10**
external transformer included



112350	120°	1600lm
1 m	509 lx	Ø 3,5 m
2 m	127 lx	Ø 6,9 m
3 m	57 lx	Ø 10,4 m

Height: 23mm Dia.: 160mm



112411 | LED retrofit circuit board 160mm, 12W, with magnet, neutral white



nominal power
active power
lighting current
color temp.
CRI

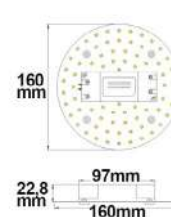
100-277V AC
13 W
1680lm
4200K
82

protection class **IP20**
ambient temp. **-20° - 45°**
service life **35000 h L70|B10**



112411	120°	1680lm
1 m	535 lx	Ø 3,5 m
2 m	134 lx	Ø 6,9 m
3 m	59 lx	Ø 10,4 m

Height: 23mm Dia.: 160mm



112435 | LED retrofit circuit board 160mm, 14W, warm white, with holding magnet and HF-motion sensor


nominal power
active power
lighting current
color temp.
CRI

100-277V AC
13,9 W
1630lm
3000K
80

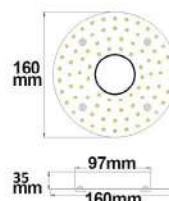
protection class
ambient temp.
service life

IP20
-20° - 45°
35000 h L70|B10



112435	120°	1630lm
1 m	519 lx	Ø 3,5 m
2 m	130 lx	Ø 6,9 m
3 m	58 lx	Ø 10,4 m

Height: 35mm Dia.: 160mm


112436 | LED retrofit circuit board 160mm, 14W, neutral white, with holding magnet and HF-motion sensor


nominal power
active power
lighting current
color temp.
CRI

100-277V AC
13,9 W
1800lm
4200K
85

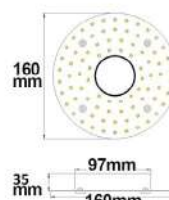
protection class
ambient temp.
service life

IP20
-20° - 45°
35000 h L70|B10



112436	120°	1800lm
1 m	573 lx	Ø 3,5 m
2 m	143 lx	Ø 6,9 m
3 m	64 lx	Ø 10,4 m

Height: 35mm Dia.: 160mm


113327 | LED retrofit circuit board ColorSwitch 2600K|3100K|4000K, 250mm, 25W, with magnet


nominal power
active power
lighting current
color temp.
CRI

230V AC
24,9 W
3200lm
2600-4000K
82

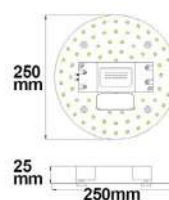
protection class
ambient temp.
service life

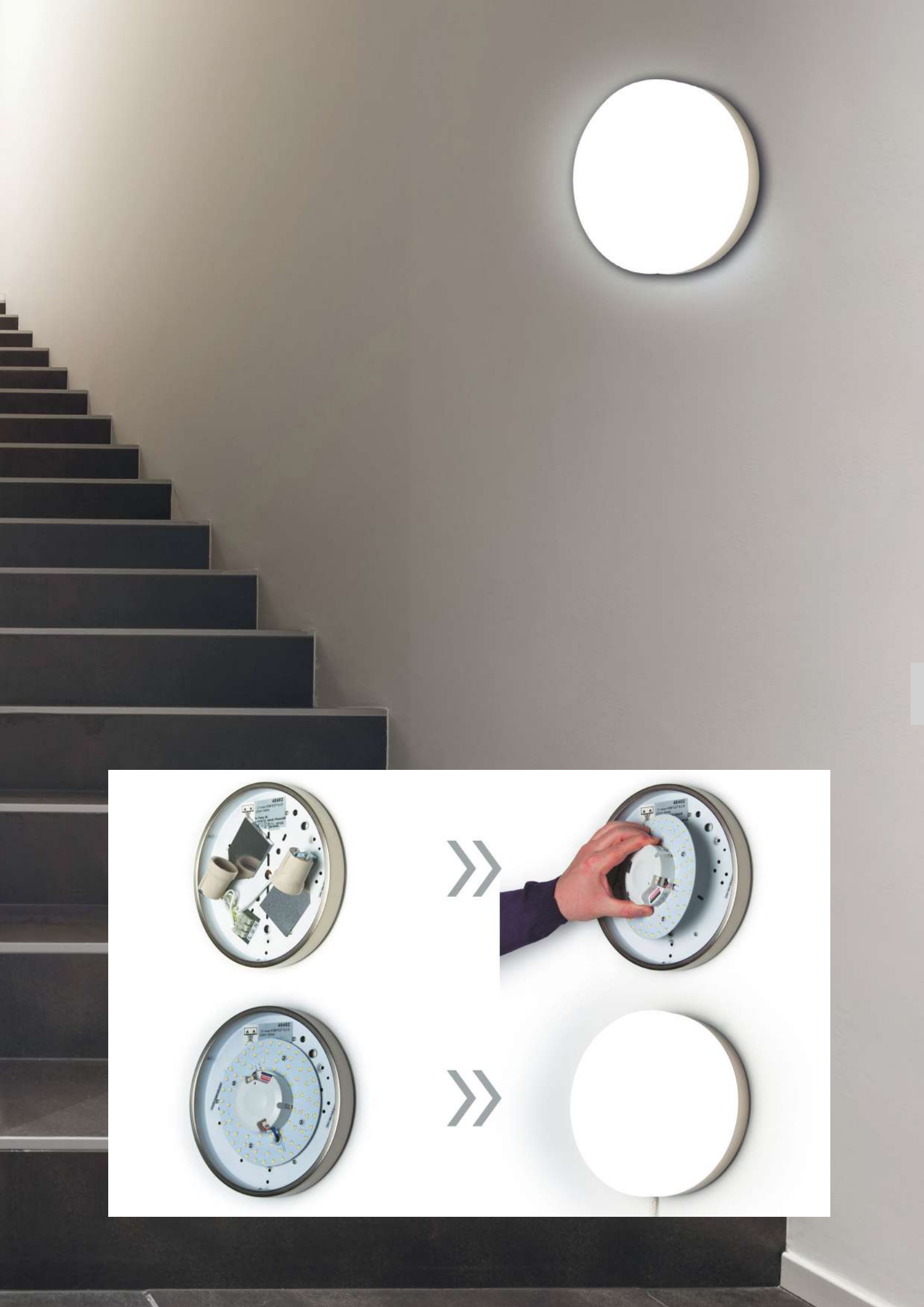
IP20
-20° - 45°C
30000 h L70|B10



113327	120°	3200lm
2 m	255 lx	Ø 6,9 m
4 m	64 lx	Ø 13,9 m
8 m	16 lx	Ø 27,7 m

Height: 25mm Dia.: 250mm







Ceiling fan



Glare-free lighting for dentist practice



Living area

A large range full of design variety and ambitious functionality

"Both field and office staff very friendly. Takes care of my customers' concerns. Sends a sample immediately. Reports in at regular intervals, which is not so common nowadays. Asks if anything is pending and if it's okay to make a product presentation. You can't complain about that. :-)"

Feedback from customer survey 2022

LED WALL AND CEILING SURFACE MOUNTED LUMINAIRES INDOOR

CUSTOMISED LIGHT SOLUTIONS



PAGE 313

Ceiling fans with LED



PAGE 315

LED surface mounted ceiling
luminaires indoor



PAGE 335

LED wall and reading lights indoor



LED SURFACE MOUNTED LIGHTS

Ceiling fans with LED



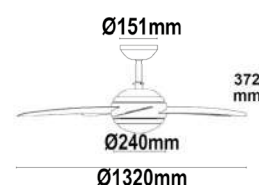


115026 | Ceiling fan with E27 socket, 3 levels, left-right rotation, incl. remote control, (excl. illuminant)



nominal power **220-240V AC** protection class **IP20**
ambient temp. **0° - 40°C**

Height: 372mm Dia.: 1320mm



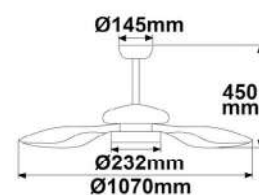
115027 | Ceiling fan 3-wing, 3 levels, left-right rotation, incl. remote control



nominal power **220-240V AC** protection class **IP20**
active power **18 W** ambient temp. **0° - 40°C**
lighting current **990lm** service life **20000 h L70|B10**
color temp. **4000K**
CRI **80**

Height: 450mm Dia.: 1070mm

115027	120°	990lm
1 m	315 lx	Ø 3,5 m
2 m	79 lx	Ø 6,9 m
3 m	35 lx	Ø 10,4 m



LED SURFACE MOUNTED LIGHTS

LED ceiling surface mounted lights



LED ceiling light PRO



Available in new
sizes and colors



LED ceiling / wall light



Warm white and
Neutral white

NEW



LED CEILING LIGHT PRO

COLOR SWITCH | SELECTABLE COLOR TEMPERATURE



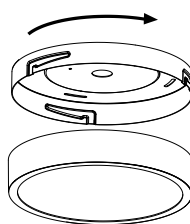
Very easy and quick installation



Color-Switch 2.700 K | 3.000 K | 4.000 K



reliable brand driver



COLOR SWITCH



Symbol image

DALI Upgrade
with item 115807
DALI to phase
section
MORE ON
PAGE 463

DALI
UPGRADE

115489 | LED ceiling light PRO white, 8W, angular, 120mm, ColorSwitch 2700|3000|4000K, dimmable



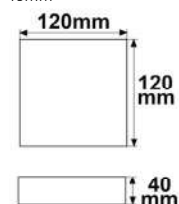
nominal power
active power
lighting current
color temp.
CRI

220-240V AC
7,5 W
700lm
2700-4000K
83

protection class
ambient temp.
service life
external transformer included

IP20
-20° - 40°
30000 h L70|B10

Length: 120mm
Width: 120mm
Height: 40mm



115489	110°	700lm
1 m	261 lx	Ø 2,9 m
2 m	65 lx	Ø 5,7 m
3 m	29 lx	Ø 8,6 m

DALI
UPGRADE

115492 | LED ceiling light PRO black, 8W, angular, 120mm, ColorSwitch 2700|3000|4000K, dimmable



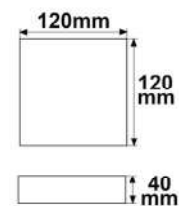
nominal power
active power
lighting current
color temp.
CRI

220-240V AC
7,5 W
700lm
2700-4000K
83

protection class
ambient temp.
service life
external transformer included

IP20
-20° - 40°
30000 h L70|B10

Length: 120mm
Width: 120mm
Height: 40mm



115492	110°	700lm
1 m	261 lx	Ø 2,9 m
2 m	65 lx	Ø 5,7 m
3 m	29 lx	Ø 8,6 m

115495 | LED ceiling light PRO white, 8W, round, 120mm, ColorSwitch 2700|3000|4000K, dimmable



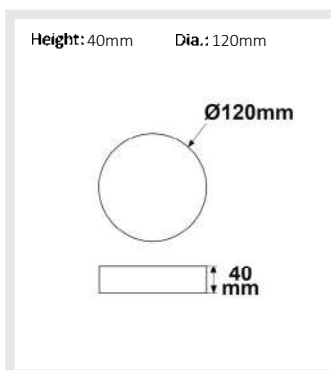
nominal power
active power
lighting current
color temp.
CRI

220-240V AC
7,5 W
750lm
2700-4000K
83

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**
external transformer included



115495	110°	750lm
1 m	280 lx	Ø 2,9 m
2 m	70 lx	Ø 5,7 m
3 m	31 lx	Ø 8,6 m



DALI
UPGRADE

115498 | LED ceiling light PRO black, 8W, round, 120mm, ColorSwitch 2700|3000|4000K, dimmable



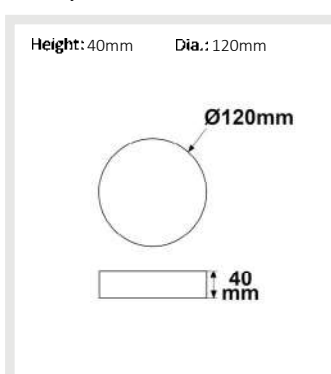
nominal power
active power
lighting current
color temp.
CRI

220-240V AC
7,5 W
750lm
2700-4000K
83

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**
external transformer included



115498	110°	750lm
1 m	280 lx	Ø 2,9 m
2 m	70 lx	Ø 5,7 m
3 m	31 lx	Ø 8,6 m



DALI
UPGRADE

115490 | LED ceiling light PRO white, 15W, angular, 170mm, ColorSwitch 2700|3000|4000K, dimmable



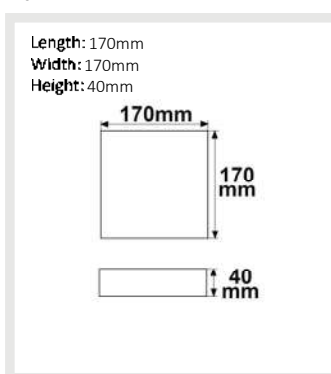
nominal power
active power
lighting current
color temp.
CRI

220-240V AC
14,5 W
1400lm
2700-4000K
83

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**
external transformer included



115490	110°	1400lm
1 m	523 lx	Ø 2,9 m
2 m	131 lx	Ø 5,7 m
3 m	58 lx	Ø 8,6 m



DALI
UPGRADE

115493 | LED ceiling light PRO black, 15W, angular, 170mm, ColorSwitch 2700|3000|4000K, dimmable



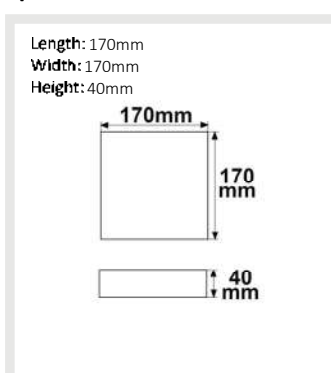
nominal power
active power
lighting current
color temp.
CRI

220-240V AC
14,5 W
1400lm
2700-4000K
83

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**
external transformer included



115493	110°	1400lm
1 m	523 lx	Ø 2,9 m
2 m	131 lx	Ø 5,7 m
3 m	58 lx	Ø 8,6 m



DALI
UPGRADE

**DALI
UPGRADE**

115496 | LED ceiling light PRO white, 15W, round, 170mm, ColorSwitch 2700|3000|4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

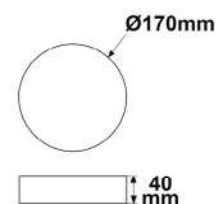
220-240V AC
14,5 W
1400lm
2700-4000K
83

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h** L70|B10
external transformer included



	115496	110°	1400lm
1 m	523 lx	Ø 2,9 m	
2 m	131 lx	Ø 5,7 m	
3 m	58 lx	Ø 8,6 m	

Height: 40mm Dia.: 170mm



**DALI
UPGRADE**

115499 | LED ceiling light PRO black, 15W, round, 170mm, ColorSwitch 2700|3000|4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

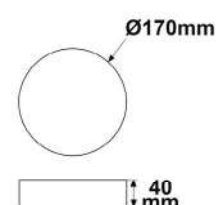
220-240V AC
14,5 W
1400lm
2700-4000K
83

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h** L70|B10
external transformer included



	115499	110°	1400lm
1 m	523 lx	Ø 2,9 m	
2 m	131 lx	Ø 5,7 m	
3 m	58 lx	Ø 8,6 m	

Height: 40mm Dia.: 170mm



**DALI
UPGRADE**

115491 | LED ceiling light PRO white, 24W, angular, 225mm, ColorSwitch 2700|3000|4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

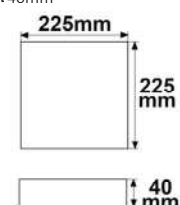
220-240V AC
23,5 W
2350lm
2700-4000K
83

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h** L70|B10
external transformer included



	115491	110°	2350lm
1 m	877 lx	Ø 2,9 m	
2 m	219 lx	Ø 5,7 m	
3 m	97 lx	Ø 8,6 m	

Length: 225mm
Width: 225mm
Height: 40mm



**DALI
UPGRADE**

115494 | LED ceiling light PRO black, 24W, angular, 225mm, ColorSwitch 2700|3000|4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

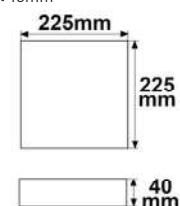
220-240V AC
23,5 W
2350lm
2700-4000K
83

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h** L70|B10
external transformer included



	115494	110°	2350lm
1 m	877 lx	Ø 2,9 m	
2 m	219 lx	Ø 5,7 m	
3 m	97 lx	Ø 8,6 m	

Length: 225mm
Width: 225mm
Height: 40mm



115497 | LED ceiling light PRO white, 24W, round, 225mm, ColorSwitch 2700|3000|4000K, dimmable



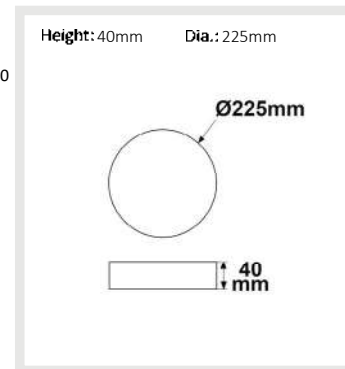
nominal power
active power
lighting current
color temp.
CRI

220-240V AC
23,5 W
2350lm
2700-4000K
83

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**
external transformer included



115497	110°	2350lm
1 m	877 lx	Ø 2,9 m
2 m	219 lx	Ø 5,7 m
3 m	97 lx	Ø 8,6 m



DALI
UPGRADE

115500 | LED ceiling light PRO black, 24W, round, 225mm, ColorSwitch 2700|3000|4000K, dimmable



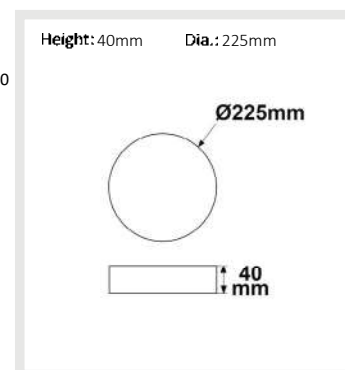
nominal power
active power
lighting current
color temp.
CRI

220-240V AC
23,5 W
2350lm
2700-4000K
83

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**
external transformer included



115500	110°	2350lm
1 m	877 lx	Ø 2,9 m
2 m	219 lx	Ø 5,7 m
3 m	97 lx	Ø 8,6 m



DALI
UPGRADE

114679 | LED ceiling light PRO white, 30W, 300x300mm, ColorSwitch 2700|3000|4000K, dimmable



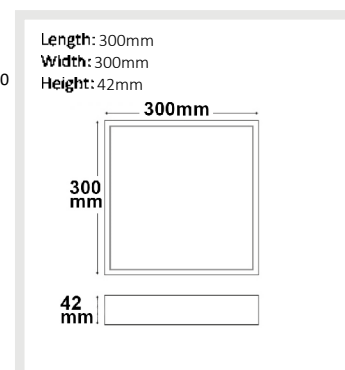
nominal power
active power
lighting current
color temp.
CRI

230V AC
27,8 W
3300lm
2700-4000K
83

protection class **IP20**
ambient temp. **-20° - 40°C**
service life **30000 h L70|B10**
external transformer included



114679	110°	3300lm
2 m	308 lx	Ø 5,7 m
4 m	77 lx	Ø 11,4 m
8 m	19 lx	Ø 22,9 m



DALI
UPGRADE

114913 | LED ceiling light PRO black, 30W, 300x300mm, ColorSwitch 2700|3000|4000K, dimmable



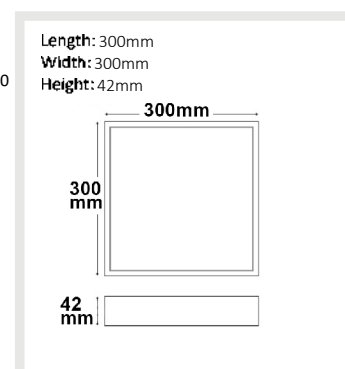
nominal power
active power
lighting current
color temp.
CRI

230V AC
27,8 W
3300lm
2700-4000K
83

protection class **IP20**
ambient temp. **-20° - 40°C**
service life **30000 h L70|B10**
external transformer included



114913	110°	3300lm
2 m	308 lx	Ø 5,7 m
4 m	77 lx	Ø 11,4 m
8 m	19 lx	Ø 22,9 m



DALI
UPGRADE

**DALI
UPGRADE**

114678 | LED ceiling light PRO white, 30W, round, 300mm, ColorSwitch 2700|3000|4000K, dimmable



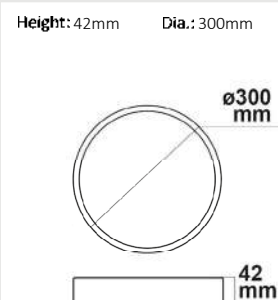
nominal power
active power
lighting current
color temp.
CRI

230V AC
27,8 W
3200lm
2700-4000K
84

protection class **IP20**
ambient temp. **-20° - 40°C**
service life **30000 h L70|B10**
external transformer included



114678	110°	3200lm
2 m	299 lx	Ø 5,7 m
4 m	75 lx	Ø 11,4 m
8 m	19 lx	Ø 22,9 m



**DALI
UPGRADE**

114912 | LED ceiling light PRO black, 30W, round, 300mm, ColorSwitch 2700|3000|4000K, dimmable



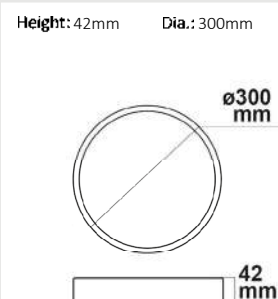
nominal power
active power
lighting current
color temp.
CRI

230V AC
27,8 W
3200lm
2700-4000K
84

protection class **IP20**
ambient temp. **-20° - 40°C**
service life **30000 h L70|B10**
external transformer included



114912	110°	3200lm
2 m	299 lx	Ø 5,7 m
4 m	75 lx	Ø 11,4 m
8 m	19 lx	Ø 22,9 m



**DALI
UPGRADE**

115201 | LED ceiling light PRO white, 36W, round, 500mm, ColorSwitch 2700|3000|4000K, dimmable



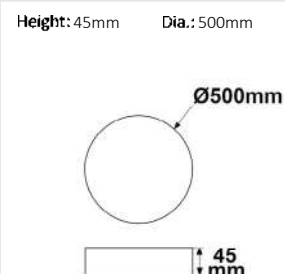
nominal power
active power
lighting current
color temp.
CRI

220-240V AC
36 W
4200lm
2700-4000K
83

protection class **IP20**
ambient temp. **-20° - 40°C**
service life **30000 h L70|B10**



115201	120°	4200lm
2 m	334 lx	Ø 6,9 m
4 m	84 lx	Ø 13,9 m
8 m	21 lx	Ø 27,7 m



**DALI
UPGRADE**

115202 | LED ceiling light PRO black, 36W, round, 500mm, ColorSwitch 2700|3000|4000K, dimmable



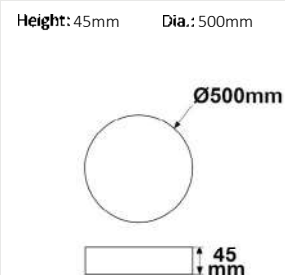
nominal power
active power
lighting current
color temp.
CRI

220-240V AC
36 W
4200lm
2700-4000K
83

protection class **IP20**
ambient temp. **-20° - 40°C**
service life **30000 h L70|B10**



115202	120°	4200lm
2 m	334 lx	Ø 6,9 m
4 m	84 lx	Ø 13,9 m
8 m	21 lx	Ø 27,7 m





AVAILABLE WITH
COLOR SWITCH



112343 | LED ceiling/wall light 18W, ColorSwitch 2700|3000|4000K



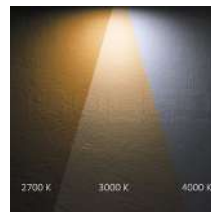
A T G E

nominal power
active power
lighting current
color temp.
CRI

200-240V AC
16,6 W
1600lm
2700-4000K
85

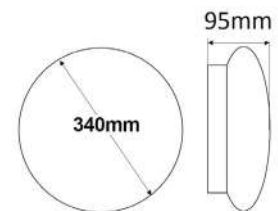
protection class
ambient temp.
service life

IP40
-20° - 40°C
25000 h L70|B10



112343	120°	1600lm
1 m	509 lx	Ø 3,5 m
2 m	127 lx	Ø 6,9 m
3 m	57 lx	Ø 10,4 m

Height: 95mm Dia.: 340mm



115755 | LED ceiling/wall light 24W, white, IP54, warm white



A T G G

NEW

nominal power
active power
lighting current
color temp.
CRI

200-240V AC
25 W
2100lm
3000K
80

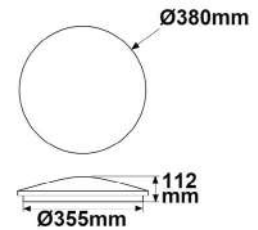
protection class
ambient temp.
service life

IP54
-20° - 40°C
30000 h L70|B10



115755	120°	2100lm
1 m	668 lx	Ø 3,5 m
2 m	167 lx	Ø 6,9 m
3 m	74 lx	Ø 10,4 m

Height: 112mm Dia.: 380mm



115756 | LED ceiling/wall light 24W, white, IP54, neutral white



A T G F

NEW

nominal power
active power
lighting current
color temp.
CRI

200-240V AC
25 W
2250lm
4000K
80

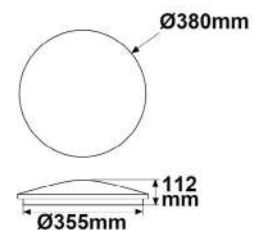
protection class
ambient temp.
service life

IP54
-20° - 40°C
30000 h L70|B10



115756	120°	2250lm
1 m	716 lx	Ø 3,5 m
2 m	179 lx	Ø 6,9 m
3 m	80 lx	Ø 10,4 m

Height: 112mm Dia.: 380mm





ø 400mm

DALI Upgrade
with item 115807
DALI to phase
section

MORE ON PAGE
317



ø 600mm



ø 1000mm



ø 400mm



ø 600mm



ø 800mm



ø 1000mm

113771 | LED ceiling light, DIA 40cm, white, 25W, ColorSwitch 3000|3500|4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
25 W
1670lm
3000-4000K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



ISOLED

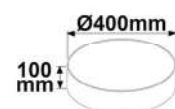


5 YEAR
GUARANTEE



113771	120°	1670lm
1 m	532 lx	ø 3,5 m
2 m	133 lx	ø 6,9 m
3 m	59 lx	ø 10,4 m

Height: 100mm Dia.: 400mm



113772 | LED ceiling light, DIA 60cm, white, 52W, ColorSwitch 3000|3500|4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
51 W
3700lm
3000-4000K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



ISOLED

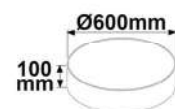


5 YEAR
GUARANTEE



113772	120°	3700lm
2 m	295 lx	ø 6,9 m
4 m	74 lx	ø 13,9 m
8 m	18 lx	ø 27,7 m

Height: 100mm Dia.: 600mm



113773 | LED ceiling light, DIA 80cm, white, 105W, ColorSwitch 3000|3500|4000K, dimmable

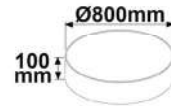


nominal power **220-240V AC**
active power **104 W**
lighting current **7550lm**
color temp. **3000-4000K**
CRI **80**

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**

113773	120°	7550lm
2 m	601 lx	Ø 6,9 m
4 m	150 lx	Ø 13,9 m
8 m	38 lx	Ø 27,7 m

Height: 100mm Dia.: 800mm



113774 | LED ceiling light, DIA 100cm, white, 160W, ColorSwitch 3000|3500|4000K, dimmable

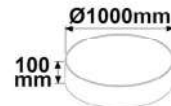


nominal power **220-240V AC**
active power **160 W**
lighting current **12350lm**
color temp. **3000-4000K**
CRI **80**

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**

113774	120°	12350lm
2 m	983 lx	Ø 6,9 m
4 m	246 lx	Ø 13,9 m
8 m	61 lx	Ø 27,7 m

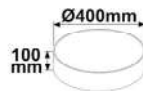
Height: 100mm Dia.: 1000mm



115203 | LED ceiling light, DIA 40cm, black, 25W, ColorSwitch



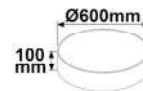
Height: 100mm Dia.: 400mm



115204 | LED ceiling light, DIA 60cm, black, 52W, ColorSwitch



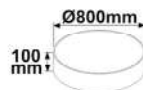
Height: 100mm Dia.: 600mm



115205 | LED ceiling light, DIA 80cm, black, 105W, ColorSwitch



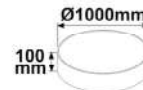
Height: 100mm Dia.: 800mm



115206 | LED ceiling light, DIA 100cm, black, 160W, ColorSwitch



Height: 100mm Dia.: 1000mm





Up & Down

115889 | LED ceiling light Slim300 round, IP44, 18W, white, Up&Down



A
t
g

F

NEW

nominal power
active power
lighting current
color temp.
CRI

220-240V AC
18 W
1600lm
3000K
80

protection class
ambient temp.
service life

IP44
-20° - 45°C
20000 h L70|B10



115889	120°	1600lm
1 m	509 lx	Ø 3,5 m
2 m	127 lx	Ø 6,9 m
3 m	57 lx	Ø 10,4 m

Height: 25mm Dia.: 294mm



115888 | LED ceiling light Slim300 round, IP44, 18W, black, Up&Down



A
t
g

F

NEW

nominal power
active power
lighting current
color temp.
CRI

220-240V AC
18 W
1500lm
3000K
80

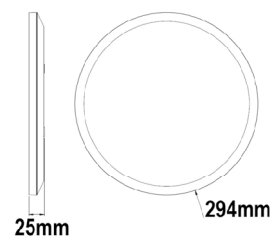
protection class
ambient temp.
service life

IP44
-20° - 45°C
20000 h L70|B10



115888	120°	1500lm
1 m	477 lx	Ø 3,5 m
2 m	119 lx	Ø 6,9 m
3 m	53 lx	Ø 10,4 m

Height: 25mm Dia.: 294mm



115891 | LED ceiling light Slim420 round IP44, 24W, white, Up&Down



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
24 W
2400lm
3000K
80

protection class
ambient temp.
service life

IP44
-20° - 45°C
20000 h L70|B10



115891	120°	2400lm
1 m	764 lx	Ø 3,5 m
2 m	191 lx	Ø 6,9 m
3 m	85 lx	Ø 10,4 m

Height: 25mm Dia.: 420mm



115890 | LED ceiling light Slim420 round IP44, 24W, black, Up&Down



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
24 W
2300lm
3000K
80

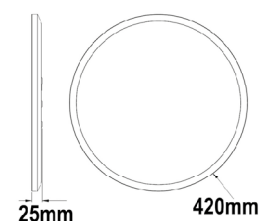
protection class
ambient temp.
service life

IP44
-20° - 45°C
20000 h L70|B10



115890	120°	2300lm
1 m	732 lx	Ø 3,5 m
2 m	183 lx	Ø 6,9 m
3 m	81 lx	Ø 10,4 m

Height: 25mm Dia.: 420mm



115893 | LED ceiling light Slim300 angular, IP44, 18W, white, Up&Down



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
18 W
1600lm
3000K
80

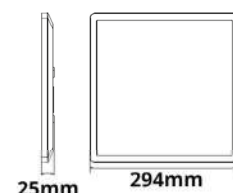
protection class
ambient temp.
service life

IP44
-20° - 45°C
20000 h L70|B10



115893	120°	1600lm
1 m	509 lx	Ø 3,5 m
2 m	127 lx	Ø 6,9 m
3 m	57 lx	Ø 10,4 m

Length: 294mm
Width: 294mm
Height: 25mm



115892 | LED ceiling light Slim300 angular IP44, 18W, black, Up&Down



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
18 W
1500lm
3000K
80

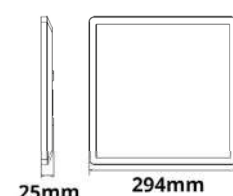
protection class
ambient temp.
service life

IP44
-20° - 45°C
20000 h L70|B10



115892	120°	1500lm
1 m	477 lx	Ø 3,5 m
2 m	119 lx	Ø 6,9 m
3 m	53 lx	Ø 10,4 m

Length: 294mm
Width: 294mm
Height: 25mm



113342 | Ceiling light Slim 18mm, white, 18W, transformer integrated, warm white


nominal power
active power
lighting current
color temp.
CRI

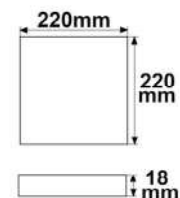
220-240V AC
19,8 W
1600lm
3000K
82

protection class **IP52**
ambient temp. **-20° - 40°**



113342	120°	1600lm
1 m	509 lx	Ø 3,5 m
2 m	127 lx	Ø 6,9 m
3 m	57 lx	Ø 10,4 m

Length: 220mm
Width: 220mm
Height: 18mm


113343 | Ceiling light Slim 18mm, white, 18W, transformer integrated, neutral white


nominal power
active power
lighting current
color temp.
CRI

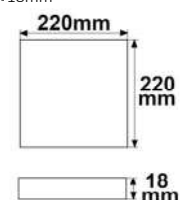
220-240V AC
19,8 W
1700lm
4000K
82

protection class **IP52**
ambient temp. **-20° - 40°**
service life **35000 h L70|B10**



113343	120°	1700lm
1 m	541 lx	Ø 3,5 m
2 m	135 lx	Ø 6,9 m
3 m	60 lx	Ø 10,4 m

Length: 220mm
Width: 220mm
Height: 18mm


115104 | Ceiling light Slim 18mm with PIR motion/light sensor, white, 18W, transformer integrated, warm


nominal power
active power
lighting current
color temp.
CRI

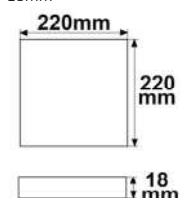
220-240V AC
18,3 W
1350lm
3000K
82

protection class **IP52**
ambient temp. **-20° - 40°**



115104	120°	1350lm
1 m	430 lx	Ø 3,5 m
2 m	108 lx	Ø 6,9 m
3 m	48 lx	Ø 10,4 m

Length: 220mm
Width: 220mm
Height: 18mm


115105 | Ceiling light Slim 18mm with PIR motion/light sensor, white, 18W, transformer integrated, neutral


nominal power
active power
lighting current
color temp.
CRI

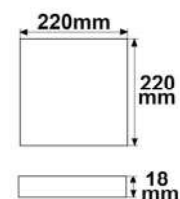
220-240V AC
18,3 W
1450lm
4000K
82

protection class **IP52**
ambient temp. **-20° - 40°**



115105	120°	1450lm
1 m	462 lx	Ø 3,5 m
2 m	116 lx	Ø 6,9 m
3 m	51 lx	Ø 10,4 m

Length: 220mm
Width: 220mm
Height: 18mm



112359 | LED ceiling light white, 18W, round, 220mm, neutral white



nominal power
active power
lighting current
color temp.
CRI

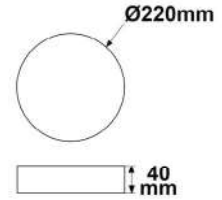
100-265V AC
18,1 W
1350lm
4000K
80

protection class **IP20**
ambient temp. **-20° - 40°**
service life **35000 h L70|B10**
external transformer included



112359	120°	1350lm
1 m	430 lx	Ø 3,5 m
2 m	108 lx	Ø 6,9 m
3 m	48 lx	Ø 10,4 m

Height: 40mm Dia.: 220mm



112358 | LED ceiling light white, 18W, round, 220mm, warm white



nominal power
active power
lighting current
color temp.
CRI

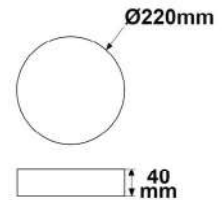
100-265V AC
18,5 W
1400lm
3000K
80

protection class **IP20**
ambient temp. **-20° - 40°**
service life **35000 h L70|B10**
external transformer included



112358	120°	1400lm
1 m	446 lx	Ø 3,5 m
2 m	112 lx	Ø 6,9 m
3 m	50 lx	Ø 10,4 m

Height: 40mm Dia.: 220mm



113344 | LED ceiling light white, 24W, round, 300mm, neutral white dimmable



nominal power
active power
lighting current
color temp.
CRI

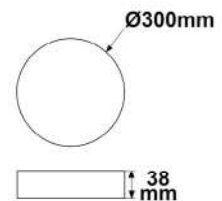
86-260V AC
24,2 W
1850lm
4000K
80

protection class **IP20**
ambient temp. **-20° - 40°**
external transformer included



113344	120°	1850lm
1 m	589 lx	Ø 3,5 m
2 m	147 lx	Ø 6,9 m
3 m	65 lx	Ø 10,4 m

Height: 38mm Dia.: 300mm



113330 | LED ceiling light white, 24W, round, 300mm, warm white dimmable



nominal power
active power
lighting current
color temp.
CRI

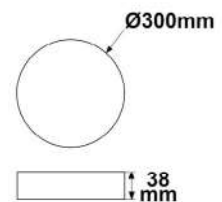
86-260V AC
24,2 W
1850lm
3000K
80

protection class **IP20**
ambient temp. **-20° - 40°**
external transformer included



113330	120°	1850lm
1 m	589 lx	Ø 3,5 m
2 m	147 lx	Ø 6,9 m
3 m	65 lx	Ø 10,4 m

Height: 38mm Dia.: 300mm



113331 | LED ceiling light black, 24W, round, 300mm, warm white dimmable


nominal power
active power
lighting current
color temp.
CRI

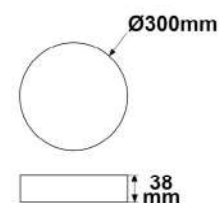
86-260V AC
24,2 W
1850lm
3000K
80

protection class **IP20**
ambient temp. **-20° - 40°**
external transformer included



	120°	1850lm
1 m	589 lx	Ø 3,5 m
2 m	147 lx	Ø 6,9 m
3 m	65 lx	Ø 10,4 m

Height: 38mm Dia.: 300mm


112369 | LED ceiling light white, 18W, square, 220x220mm, neutral white


nominal power
active power
lighting current
color temp.
CRI

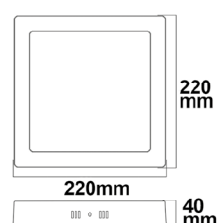
100-265V AC
18,1 W
1350lm
4000K
80

protection class **IP20**
ambient temp. **-20° - 40°**
service life **35000 h L70|B10**
external transformer included



	120°	1350lm
1 m	430 lx	Ø 3,5 m
2 m	108 lx	Ø 6,9 m
3 m	48 lx	Ø 10,4 m

Length: 220mm
Width: 220mm
Height: 40mm


112360 | LED ceiling light white, 18W, square, 220x220mm, warm white


nominal power
active power
lighting current
color temp.
CRI

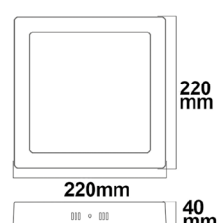
100-265V AC
18,5 W
1400lm
3000K
80

protection class **IP20**
ambient temp. **-20° - 40°**
service life **35000 h L70|B10**
external transformer included



	120°	1400lm
1 m	446 lx	Ø 3,5 m
2 m	112 lx	Ø 6,9 m
3 m	50 lx	Ø 10,4 m

Length: 220mm
Width: 220mm
Height: 40mm


113345 | LED ceiling light white, 24W, square, 300x300mm, warm white, dimmable


nominal power
active power
lighting current
color temp.
CRI

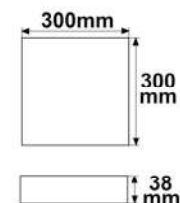
86-260V AC
24,2 W
1850lm
3000K
80

protection class **IP20**
ambient temp. **-20° - 40°**
service life **35000 h L70|B10**
external transformer included



	120°	1850lm
1 m	589 lx	Ø 3,5 m
2 m	147 lx	Ø 6,9 m
3 m	65 lx	Ø 10,4 m

Length: 300mm
Width: 300mm
Height: 38mm




113130 | LED surface mounted light LUNA 8W, white, indirect light, warm white

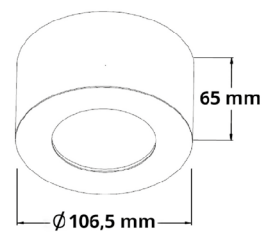
 	nominal power	200-240V AC	protection class	IP20
	active power	8,2 W	ambient temp.	-20° - 40°
	lighting current	300lm	service life	30000 h L70 B10
	color temp.	2700K	external transformer included	
	CRI	80		





Height	Beam Angle	Lighting Current
1 m	120°	95 lx Ø 3,5 m
2 m		24 lx Ø 6,9 m
3 m		11 lx Ø 10,4 m

Height: 65mm Dia.: 106,5mm


114156 | LED surface mounted light LUNA 8W, white, indirect light, warm white, dimmable

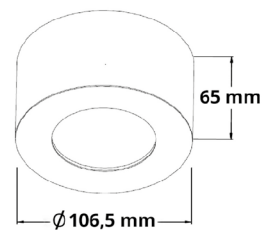
 	nominal power	200-240V AC	protection class	IP20
	active power	8,2 W	ambient temp.	-20° - 40°
	lighting current	300lm	service life	30000 h L70 B10
	color temp.	2700K	external transformer included	
	CRI	80		





Height	Beam Angle	Lighting Current
1 m	120°	95 lx Ø 3,5 m
2 m		24 lx Ø 6,9 m
3 m		11 lx Ø 10,4 m

Height: 65mm Dia.: 106,5mm



113131 | LED surface mounted light LUNA 8W, white, indirect light, neutral white


nominal power
active power
lighting current
color temp.
CRI

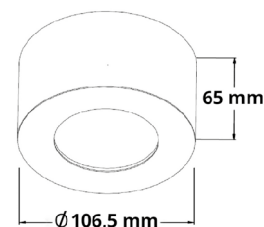
200-240V AC
8,2 W
350lm
4000K
80

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h** L70|B10
external transformer included



113131	120°	350lm
1 m	111 lx	Ø 3,5 m
2 m	28 lx	Ø 6,9 m
3 m	12 lx	Ø 10,4 m

Height: 65mm Dia.: 106,5mm


113132 | LED surface mounted light LUNA 15W, white, indirect light, warm white


nominal power
active power
lighting current
color temp.
CRI

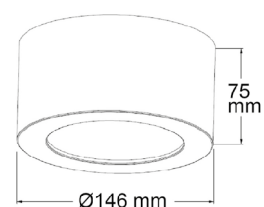
200-240V AC
15 W
600lm
2700K
80

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h** L70|B10
external transformer included



113132	120°	600lm
1 m	191 lx	Ø 3,5 m
2 m	48 lx	Ø 6,9 m
3 m	21 lx	Ø 10,4 m

Height: 75mm Dia.: 146mm


114157 | LED surface mounted light LUNA 15W, white, indirect light, warm white, dimmable


nominal power
active power
lighting current
color temp.
CRI

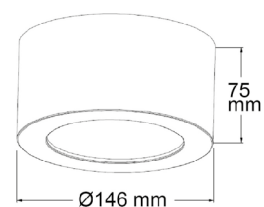
200-240V AC
15 W
600lm
2700K
80

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h** L70|B10
external transformer included



114157	120°	600lm
1 m	191 lx	Ø 3,5 m
2 m	48 lx	Ø 6,9 m
3 m	21 lx	Ø 10,4 m

Height: 75mm Dia.: 146mm


113133 | LED surface mounted light LUNA 15W, white, indirect light, neutral white


nominal power
active power
lighting current
color temp.
CRI

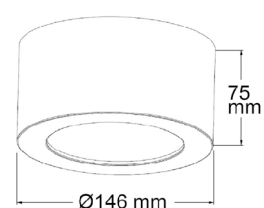
200-240V AC
15 W
650lm
4000K
80

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h** L70|B10
external transformer included



113133	120°	650lm
1 m	207 lx	Ø 3,5 m
2 m	52 lx	Ø 6,9 m
3 m	23 lx	Ø 10,4 m

Height: 75mm Dia.: 146mm



113134 | LED surface mounted light LUNA 18W, white, indirect light, warm white



ISOLED

nominal power **200-240V AC**
active power **18,9 W**
lighting current **950lm**
color temp. **2700K**
CRI **80**

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**
external transformer included

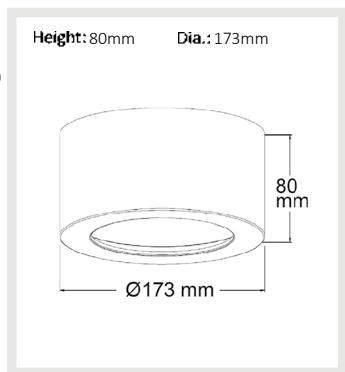


ISOLED



ISOLED

Distance (m)	Beam Angle (°)	Illuminance (lx)	Diameter (m)
1 m	120°	302 lx	Ø 3,5 m
2 m		76 lx	Ø 6,9 m
3 m		34 lx	Ø 10,4 m



114158 | LED surface mounted light LUNA 18W, white, indirect light, warm white, dimmable



ISOLED

nominal power **200-240V AC**
active power **18,9 W**
lighting current **950lm**
color temp. **2700K**
CRI **80**

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**
external transformer included

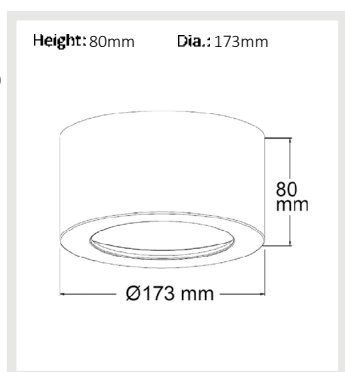


ISOLED



ISOLED

Distance (m)	Beam Angle (°)	Illuminance (lx)	Diameter (m)
1 m	120°	302 lx	Ø 3,5 m
2 m		76 lx	Ø 6,9 m
3 m		34 lx	Ø 10,4 m



113135 | LED surface mounted light LUNA 18W, white, indirect light, neutral white



ISOLED

nominal power **200-240V AC**
active power **18,9 W**
lighting current **1050lm**
color temp. **4000K**
CRI **80**

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**
external transformer included

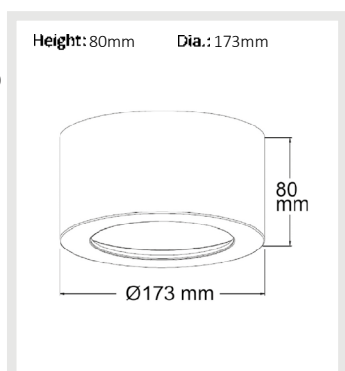


ISOLED



ISOLED

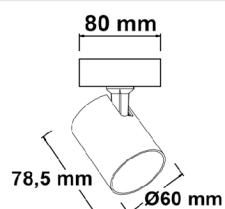
Distance (m)	Beam Angle (°)	Illuminance (lx)	Diameter (m)
1 m	120°	334 lx	Ø 3,5 m
2 m		84 lx	Ø 6,9 m
3 m		37 lx	Ø 10,4 m





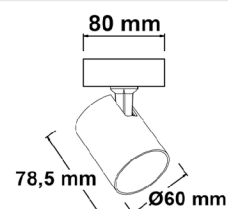
Length: 78,5mm Dia.: 60mm
Width: 80mm
Height: 103,5mm

114096 | Wall/ceiling light
GU10 Single, IP20, white,
excl. illuminant



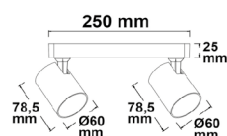
Length: 78,5mm Dia.: 60mm
Width: 80mm
Height: 103,5mm

114097 | wall and ceiling
light GU10 Single, IP20, black
matt, excl. illuminant



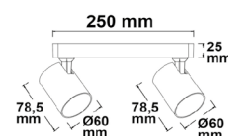
Length: 78,5mm Dia.: 60mm
Width: 250mm
Height: 103,5mm

114098 | Wall/ceiling light
GU10 Dual, IP20, white, excl.
illuminant



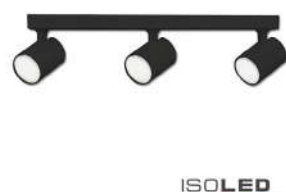
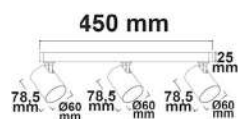
Length: 78,5mm Dia.: 60mm
Width: 250mm
Height: 103,5mm

114099 | wall and ceiling
light GU10 Dual, IP20, black
matt, excl. illuminant



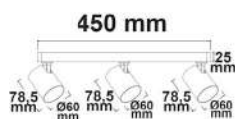
Length: 78,5mm Dia.: 60mm
Width: 450mm
Height: 103,5mm

114100 | wall and ceiling
light GU10 Triple, IP20, white
matt, excl. illuminant



Length: 78,5mm Dia.: 60mm
Width: 450mm
Height: 103,5mm

114101 | wall and ceiling
light GU10 Triple, IP20, black
matt, excl. illuminant



115001 | Ceiling spotlight black matt, 4xGU10 socket, excl. illuminant

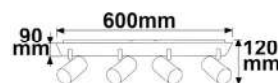
nominal power **110-230V AC** protection class **IP20**
ambient temp. **0° - 40°C**
lamp excluded



ISOLED



Length: 600mm
Width: 90mm
Height: 120mm



115000 | Ceiling spotlight nickel matt, 4xGU10 socket, excl. illuminant

nominal power **110-230V AC** protection class **IP20**
ambient temp. **0° - 40°C**
lamp excluded



ISOLED



Length: 600mm
Width: 90mm
Height: 120mm



115004 | Ceiling spotlight nickel matt, 6xGU10 socket, excl. illuminant

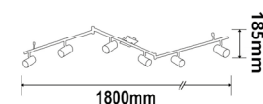
nominal power **110-230V AC** protection class **IP20**
ambient temp. **0° - 40°C**
lamp excluded



ISOLED



Length: 1800mm
Width: 100mm
Height: 185mm



115005 | Ceiling spotlight black matt, 6xGU10 socket, excl. illuminant

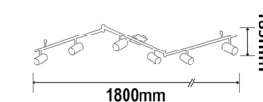
nominal power **110-230V AC** protection class **IP20**
ambient temp. **0° - 40°C**
lamp excluded



ISOLED



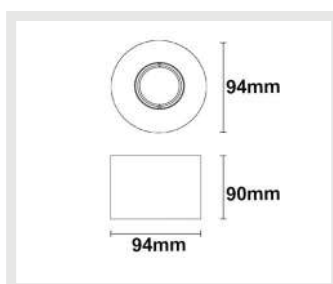
Length: 1800mm
Width: 100mm
Height: 185mm





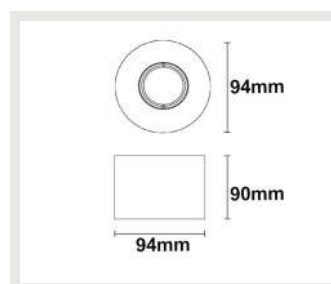
Height: 90mm Dia.: 94mm

113121 | Ceiling light round for GU10/MR16, aluminum white, excl. bulbs



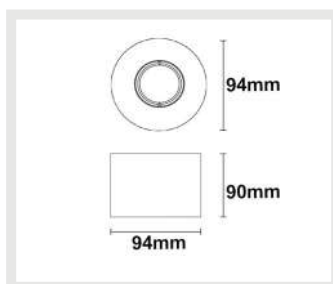
Height: 90mm Dia.: 94mm

113120 | Ceiling mounted light round for GU10/MR16, Alu black, excl. illuminant



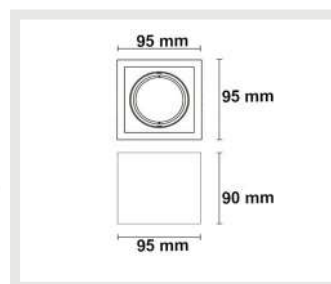
Height: 90mm Dia.: 94mm

113119 | Ceiling mounted light round for GU10/MR16, Alu brushed, excl. illuminant



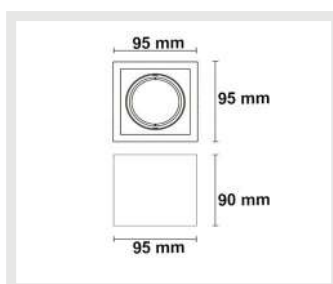
Length: 95mm
Width: 95mm
Height: 90mm

113124 | Ceiling mounted light square for GU10/MR16, Alu white, excl. illuminant



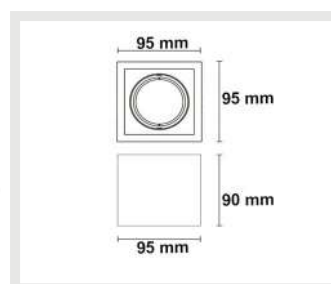
Length: 95mm
Width: 95mm
Height: 90mm

113123 | Ceiling mounted light square for GU10, Alu black, excl. illuminant



Length: 95mm
Width: 95mm
Height: 90mm

113122 | Ceiling mounted light square for GU10/MR16, Alu brushed, excl. illuminant



LED SURFACE MOUNTED LIGHTS

LED surface mounted wall lights



Wall light
swivel | Color Switch



Mirror light
swivel | Color Switch



Reading light with
USB charging function
3 levels dimmable

NEW

LED surface mounted wall lights



Also suitable for picture lighting!



115637 | LED mirror light swiveling, 520mm, flexible, 12W, white, ColorSwitch 2700K|3000K|4000K



nominal power
active power
lighting current
color temp.
CRI

230V AC
11,9 W
840lm
2700-4000K
82

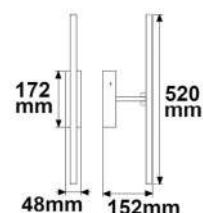
protection class
ambient temp.
service life

IP20
0° - 40°C
25000 h L70|B10



115637	120°	840lm
1 m	267 lx	Ø 3,5 m
2 m	67 lx	Ø 6,9 m
3 m	30 lx	Ø 10,4 m

Length: 520mm
Width: 48mm
Height: 152mm



115638 | LED mirror lamp swiveling, 520mm, flexible, 12W, black, ColorSwitch 2700K|3000K|4000K



nominal power
active power
lighting current
color temp.
CRI

230V AC
11,9 W
840lm
2700-4000K
82

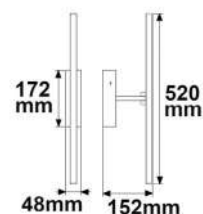
protection class
ambient temp.
service life

IP20
0° - 40°C
25000 h L70|B10



115638	120°	840lm
1 m	267 lx	Ø 3,5 m
2 m	67 lx	Ø 6,9 m
3 m	30 lx	Ø 10,4 m

Length: 520mm
Width: 48mm
Height: 152mm





LED surface mounted wall lights

115656 | LED wall light swiveling, 20W, white, ColorSwitch 2700|3000|4000K



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
21,1 W
1925lm
2700-4000K
82

protection class
ambient temp.
service life

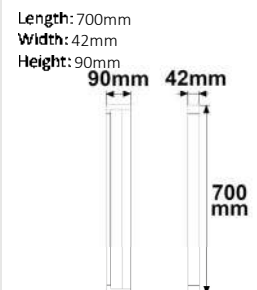
IP20
0° - 40°C
30000 h L70|B10



ISOLED

NEW

115656	120°	1925lm
1 m	613 lx	Ø 3,5 m
2 m	153 lx	Ø 6,9 m
3 m	68 lx	Ø 10,4 m



115655 | LED wall light swiveling, 20W, black, ColorSwitch 2700|3000|4000K



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
21,1 W
1925lm
2700-4000K
82

protection class
ambient temp.
service life

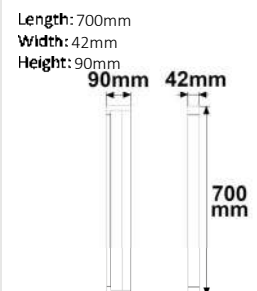
IP20
0° - 40°C
30000 h L70|B10



ISOLED

NEW

115655	120°	1925lm
1 m	613 lx	Ø 3,5 m
2 m	153 lx	Ø 6,9 m
3 m	68 lx	Ø 10,4 m



LED reading light



115639 | LED reading light, 3W, white, with USB A charging socket, warm white, 3 levels dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
3 W
165lm
3000K
90

protection class
ambient temp.
service life

IP20
0° - 40°C
25000 h L70|B10



115639	30°	165lm
1 m	771 lx	Ø 0,5 m
2 m	193 lx	Ø 1,1 m
3 m	86 lx	Ø 1,6 m

Length: 180mm
Width: 60mm
Height: 25mm



115640 | LED reading light, 3W, black, with USB A charging socket, warm white, 3 levels dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
3 W
165lm
3000K
90

protection class
ambient temp.
service life

IP20
0° - 40°C
25000 h L70|B10



115640	30°	165lm
1 m	771 lx	Ø 0,5 m
2 m	193 lx	Ø 1,1 m
3 m	86 lx	Ø 1,6 m

Length: 180mm
Width: 60mm
Height: 25mm



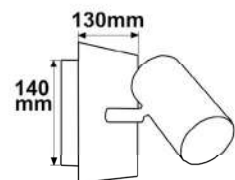


114998 | Wall light nickel matt, with switch, 1xGU10 socket, excl. illuminant

nominal power **110-230V AC** protection class **IP20**
ambient temp. **0° - 40°C**
lamp excluded



Length: 140mm
Width: 130mm

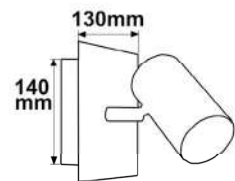


114999 | Wall light black, with switch, 1xGU10 socket, excl. illuminant

nominal power **110-230V AC** protection class **IP20**
ambient temp. **0° - 40°C**
lamp excluded



Length: 140mm
Width: 130mm



111611 | LED display window light, chrome, 3W 25°, cold white


nominal power
active power
lighting current
color temp.
CRI

100-240V AC
2,8 W
100lm
5200K
80

protection class
ambient temp.
service life
external transformer included

IP40

-20° - 40°

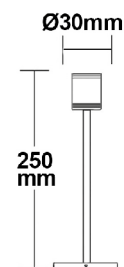
30000 h L70|B10



111611	25°	100lm
1 m	671 lx	Ø 0,4 m
2 m	168 lx	Ø 0,9 m
3 m	75 lx	Ø 1,3 m



Length: 250mm Dia.: 30mm


112644 | LED wall light Up&Down 6W, IP40, white, warm white


nominal power
active power
lighting current
color temp.
CRI

230V AC
6,7 W
443lm
3000K
82

protection class
ambient temp.
service life

IP40

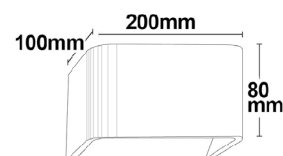
-20° - 65°

30.000 h L70|B10

112644	120°	443lm
1 m	141 lx	Ø 3,5 m
2 m	35 lx	Ø 6,9 m
3 m	16 lx	Ø 10,4 m



Length: 200mm
Width: 100mm
Height: 80mm


112184 | Wall light Up&Down2xGX53, IP44, anthracite, excl. illuminant


nominal power

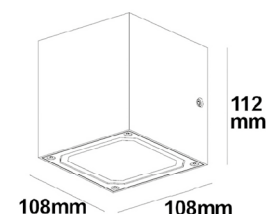
230V AC

protection class
ambient temp.
lamp excluded

IP44

-20° - 65°

Length: 108mm
Width: 108mm
Height: 112mm


112186 | Wall light Up&Down 2xGX53, IP44, white, excl. illuminant


nominal power

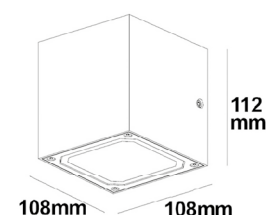
230V AC

protection class
ambient temp.
lamp excluded

IP44

-20° - 65°

Length: 108mm
Width: 108mm
Height: 112mm



113995 | LED wall light linear up+down 600, IP40, 25W, black, warm white

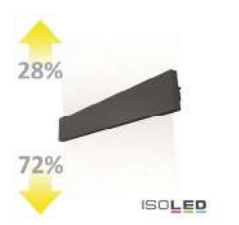


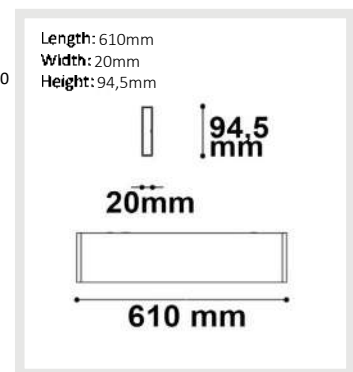
nominal power
active power
lighting current
color temp.
CRI

100-277V AC
23,5 W
1800lm
3000K
83

protection class
ambient temp.
service life

IP40
-20° - 40°
50000 h L70|B10





113996 | LED wall light linear up+down 900, IP40, 30W, black, warm white



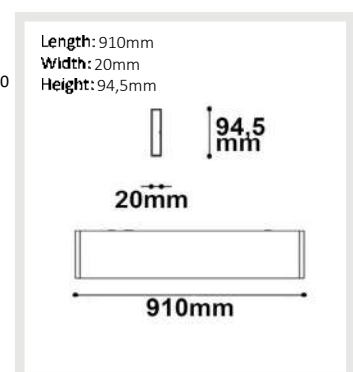
nominal power
active power
lighting current
color temp.
CRI

100-277V AC
29,5 W
2300lm
3000K
83

protection class
ambient temp.
service life

IP40
-20° - 40°
50000 h L70|B10





113997 | LED wall light linear up+down 600, IP40, 25W, white, warm white



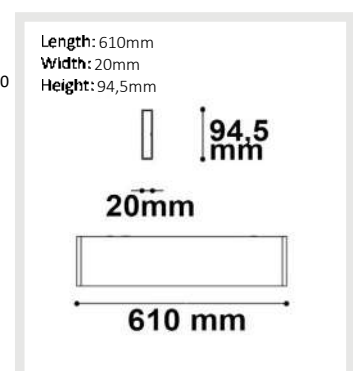
nominal power
active power
lighting current
color temp.
CRI

100-277V AC
23,5 W
1800lm
3000K
83

protection class
ambient temp.
service life

IP40
-20° - 40°
50000 h L70|B10





113998 | LED wall light linear up+down 900, IP40, 30W, white, warm white



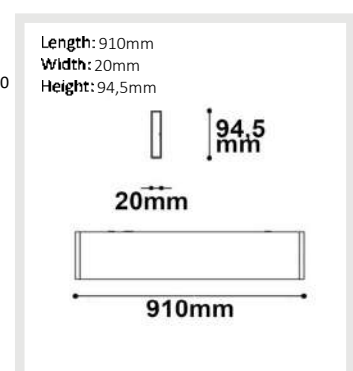
nominal power
active power
lighting current
color temp.
CRI

100-277V AC
29,5 W
2300lm
3000K
83

protection class
ambient temp.
service life

IP40
-20° - 40°
50000 h L70|B10







Many design options for staging the outdoor area

"In the event of errors/defective components, the ISOLED team reacted immediately and replaced it on the same day."

Feedback from customer survey 2022

LED OUTDOOR LIGHTS

CUSTOMISED LIGHT SOLUTIONS

ALSO SUITABLE FOR INDOOR



PAGE 345

LED surface mounted ceiling
lights outdoor



PAGE 351

LED wall mounted lights outdoor



PAGE 363

LED Ground recessed
spotlight outdoor



PAGE 369

LED light stripes outdoor



PAGE 373

LED outdoor spots and
bollard lights



LED OUTDOOR LIGHTS

LED surface mounted ceiling lights outdoor



LED ceiling/wall lights
Color Switch | IP54



with motion detector optional
emergency light function



LED surface mounted
ceiling spotlight Color Switch | IP65



Available with diameter 90 cm
and 160 cm

NEW

COLOR SWITCH



Symbol image



Available with emergency light function

115689 | LED ceiling/wall lamp 18W, white, IP54, ColorSwitch 3000|4000|5000K



nominal power
active power
lighting current
color temp.
CRI

200-240V AC
18 W
2050lm
3000-5000K
80

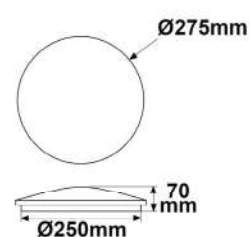
protection class
ambient temp.
service life

IP54
-20° - 45°C
30000 h L70|B10



115689	120°	2050lm
1 m	653 lx	Ø 3,5 m
2 m	163 lx	Ø 6,9 m
3 m	73 lx	Ø 10,4 m

Height: 70mm Dia.: 275mm



115690 | LED ceiling/wall light 18W, white, IP54, with motion sensor, ColorSwitch 3000|4000|5000K



nominal power
active power
lighting current
color temp.
CRI

200-240V AC
18 W
2050lm
3000-5000K
80

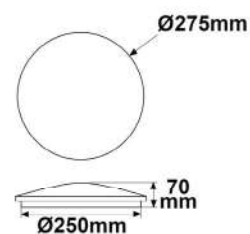
protection class
ambient temp.
service life

IP54
-20° - 45°C
30000 h L70|B10



115690	120°	2050lm
1 m	653 lx	Ø 3,5 m
2 m	163 lx	Ø 6,9 m
3 m	73 lx	Ø 10,4 m

Height: 70mm Dia.: 275mm



115691 | LED ceiling/wall light 18W, white, IP54, with motion sensor+emergency light function, ColorSwitch



nominal power
active power
lighting current
color temp.
CRI

200-240V AC
18 W
2050lm
3000-5000K
80

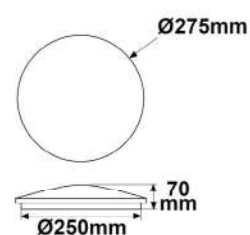
protection class
ambient temp.
service life

IP54
-20° - 45°C
30000 h L70|B10



115691	120°	2050lm
1 m	653 lx	Ø 3,5 m
2 m	163 lx	Ø 6,9 m
3 m	73 lx	Ø 10,4 m

Height: 70mm Dia.: 275mm



114152 | LED ceiling/wall light 24W, square, IP54, ColorSwitch 3000K|4000K, white



nominal power **200-240V AC**
active power **24 W**
lighting current **2700lm**
color temp. **3000-4000K**
CRI **83**

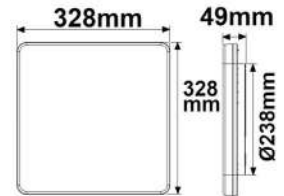
protection class **IP54**
ambient temp. **-20° - 45°C**
service life **30000 h L70|B10**





114152	120°	2700lm
1 m	859 lx	Ø 3,5 m
2 m	215 lx	Ø 6,9 m
3 m	95 lx	Ø 10,4 m

Length: 328mm
Width: 328mm
Height: 49mm



113924 | LED ceiling/wall light 24W, IP54, ColorSwitch 3000K|4000K, white



nominal power **200-240V AC**
active power **24 W**
lighting current **2700lm**
color temp. **3000-4000K**
CRI **83**

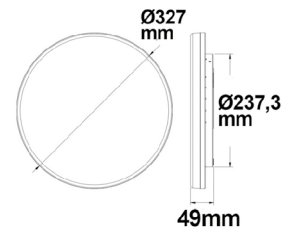
protection class **IP54**
ambient temp. **-20° - 45°C**
service life **30000 h L70|B10**





113924	120°	2700lm
1 m	859 lx	Ø 3,5 m
2 m	215 lx	Ø 6,9 m
3 m	95 lx	Ø 10,4 m

Height: 49mm Dia.: 327mm



114151 | LED ceiling/wall light with HF-sensor 24W, square, IP54, ColorSwitch 3000K|4000K, white



nominal power **200-240V AC**
active power **24 W**
lighting current **2700lm**
color temp. **3000-4000K**
CRI **83**

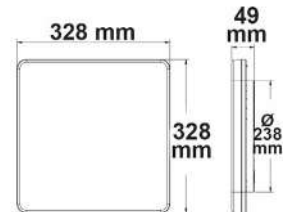
protection class **IP54**
ambient temp. **-20° - 45°C**
service life **30000 h L70|B10**





114151	120°	2700lm
1 m	859 lx	Ø 3,5 m
2 m	215 lx	Ø 6,9 m
3 m	95 lx	Ø 10,4 m

Length: 328mm
Width: 328mm
Height: 49mm



113707 | LED ceiling/wall light with HF-motion sensor 24W, IP54, ColorSwitch 3000K|4000K, white



nominal power **200-240V AC**
active power **24 W**
lighting current **2700lm**
color temp. **3000-4000K**
CRI **83**

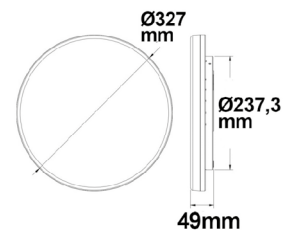
protection class **IP54**
ambient temp. **-20° - 45°C**
service life **30000 h L70|B10**





113707	120°	2700lm
1 m	859 lx	Ø 3,5 m
2 m	215 lx	Ø 6,9 m
3 m	95 lx	Ø 10,4 m

Height: 49mm Dia.: 327mm



115592 | LED surface mounted ceiling spot IP65, white, 10W, ColorSwitch 3000|4000|5000K, dimmable


nominal power
active power
lighting current
color temp.
CRI

200-240V AC
10 W
915lm
3000-5000K
80

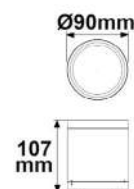
protection class
ambient temp.
service life

IP65
-20° - 40°C
40000 h L70|B10



115592	70°	915lm
1 m	805 lx	Ø 1,4 m
2 m	201 lx	Ø 2,8 m
3 m	89 lx	Ø 4,2 m

Height: 107mm Dia.: 90mm
Cut-out: 68mm


115591 | LED surface mounted ceiling spot IP65, black, 10W, ColorSwitch 3000|4000|5000K, dimmable


nominal power
active power
lighting current
color temp.
CRI

200-240V AC
10 W
915lm
3000-5000K
80

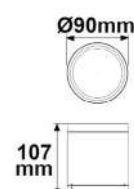
protection class
ambient temp.
service life

IP65
-20° - 40°C
40000 h L70|B10



115591	70°	915lm
1 m	805 lx	Ø 1,4 m
2 m	201 lx	Ø 2,8 m
3 m	89 lx	Ø 4,2 m

Height: 107mm Dia.: 90mm
Cut-out: 68mm


115594 | LED surface mounted ceiling spot IP65, white, 25W, ColorSwitch 3000|4000|5000K, dimmable


nominal power
active power
lighting current
color temp.
CRI

200-240V AC
24 W
2300lm
3000-5000K
80

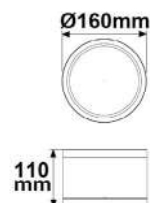
protection class
ambient temp.
service life

IP65
-20° - 40°C
40000 h L70|B10



115594	70°	2300lm
1 m	2.024 lx	Ø 1,4 m
2 m	506 lx	Ø 2,8 m
3 m	225 lx	Ø 4,2 m

Height: 110mm Dia.: 160mm
Cut-out: 68mm


115593 | LED surface mounted ceiling spot IP65, black, 25W, ColorSwitch 3000|4000|5000K, dimmable


nominal power
active power
lighting current
color temp.
CRI

200-240V AC
24 W
2300lm
3000-5000K
80

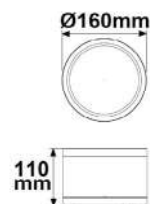
protection class
ambient temp.
service life

IP65
-20° - 40°C
40000 h L70|B10



115593	70°	2300lm
1 m	2.024 lx	Ø 1,4 m
2 m	506 lx	Ø 2,8 m
3 m	225 lx	Ø 4,2 m

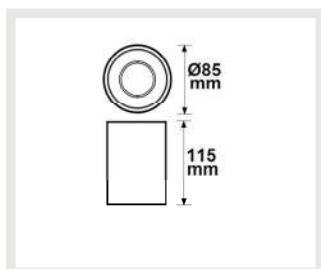
Height: 110mm Dia.: 160mm
Cut-out: 68mm





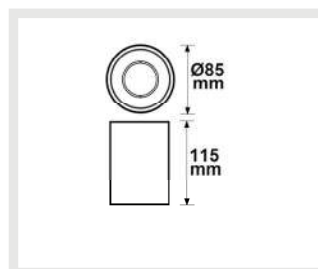
Height: 115mm Dia.: 85mm

115114 | Ceiling mounted light round for GU10, IP65, white matt



Height: 115mm Dia.: 85mm

115115 | Ceiling mounted light round for GU10, IP65, black matt



Height: 92mm Dia.: 108mm

112630 | Surface mounted light IP54 for GX53 light, white, excl. illuminant



Height: 92mm Dia.: 108mm

112628 | Surface mounted light IP54 for GX53 light, anthracite, excl. illuminant



Height: 92mm Dia.: 108mm

112629 | Surface mounted light IP54 for GX53 light, silver, excl. illuminant





LED OUTDOOR LIGHTS

LED wall mounted lights outdoor



LED House number light



individual labeling sheet

NEW



115808 | LED house number light, 10W, IP54, black, warm white



ISOLED

NEW

nominal power
active power
lighting current
color temp.
CRI

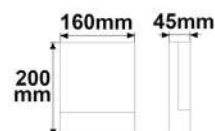
220-240V AC
9,6 W
650lm
3000K
85

protection class
ambient temp.
service life

IP54
-20° - 40°C
30000 h L70|B10

115808	120°	650lm
1 m	207 lx	Ø 3,5 m
2 m	52 lx	Ø 6,9 m
3 m	23 lx	Ø 10,4 m

Length: 160mm
Width: 45mm
Height: 200mm



113984 | LED wall light up&down 2*1W CREE, IP54, sandwhite, warm white



ISOLED



nominal power
active power
lighting current
color temp.
CRI

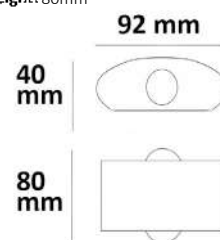
220-240V AC
4,4 W
280lm
3200K
82

protection class
ambient temp.
service life

IP54
-15° -50°
30000 h L70|B10



Length: 92mm
Width: 40mm
Height: 80mm



113985 | LED Wall light Up&Down 2*2W CREE, IP54, sandblack, warm white



ISOLED



nominal power
active power
lighting current
color temp.
CRI

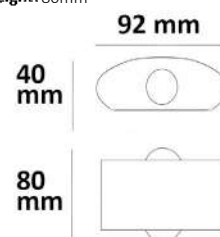
220-240V AC
4,4 W
280lm
3200K
82

protection class
ambient temp.
service life

IP54
-15° -50°
30000 h L70|B10



Length: 92mm
Width: 40mm
Height: 80mm



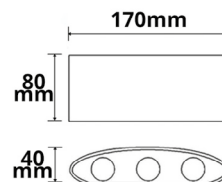
113986 | LED wall light up&down 6*1W CREE, IP54, sandwhite, warm white



nominal power **220-240V AC** protection class **IP54**
active power **6,8 W** ambient temp. **-15° -50°**
lighting current **480lm** service life **30000 h L70|B10**
color temp. **3200K**
CRI **82**



Length: 170mm
Width: 40mm
Height: 80mm



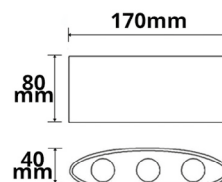
113987 | LED wall light up&down 6*1W CREE, IP54, sandblack, warm white



nominal power **220-240V AC** protection class **IP54**
active power **6,8 W** ambient temp. **-15° -50°**
lighting current **480lm** service life **30000 h L70|B10**
color temp. **3200K**
CRI **82**



Length: 170mm
Width: 40mm
Height: 80mm



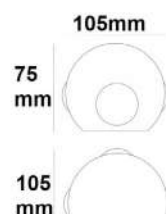
113988 | LED wall light up&down 4*1W CREE, IP54, sandwhite, warm white



nominal power **220-240V AC** protection class **IP54**
active power **4,3 W** ambient temp. **-15° -50°**
lighting current **350lm** service life **30000 h L70|B10**
color temp. **3200K**
CRI **82**



Height: 75mm Dia.: 105mm



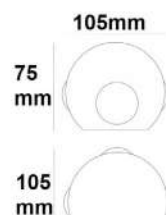
113989 | LED wall light up&down 4*1W CREE, IP54, sandblack, warm white



nominal power **220-240V AC** protection class **IP54**
active power **4,4 W** ambient temp. **-15° -50°**
lighting current **350lm** service life **30000 h L70|B10**
color temp. **3200K**
CRI **82**



Height: 75mm Dia.: 105mm



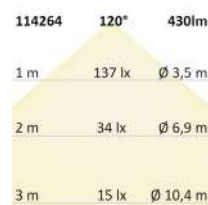
114264 | LED wall light round, IP54, 6W, sandblack, warm white


nominal power
active power
lighting current
color temp.
CRI

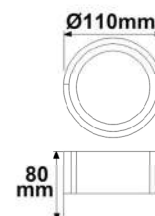
220-240V AC
6,4 W
430lm
3000K
82

protection class
ambient temp.
service life

IP54
-15° -50°
30000 h L70|B10



Height: 80mm Dia.: 110mm

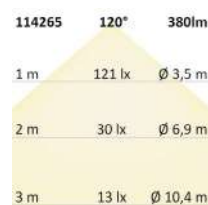

114265 | LED wall light square, IP54, 6W, sandblack, warm white


nominal power
active power
lighting current
color temp.
CRI

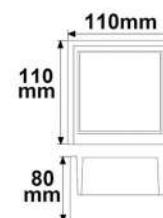
220-240V AC
6,4 W
380lm
3000K
82

protection class
ambient temp.
service life

IP54
-15° -50°
30000 h L70|B10



Length: 110mm
Width: 110mm
Height: 80mm


114263 | LED wall light Swing up&down 2*2W CREE, IP54, sandblack, warm white


nominal power
active power
lighting current
color temp.
CRI

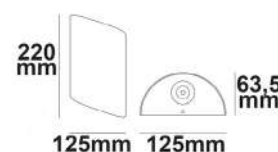
220-240V AC
5 W
250lm
3200K
82

protection class
ambient temp.
service life

IP54
-15° -50°
30000 h L70|B10



Length: 220mm
Width: 125mm
Height: 63mm


114262 | LED wall light Swing up+down 2*2W CREE, IP54, sandwhite, warm white


nominal power
active power
lighting current
color temp.
CRI

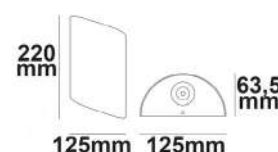
85-265V AC
5 W
250lm
3200K
83

protection class
ambient temp.
service life

IP54
-15° -50°
30000 h L70|B10



Length: 220mm
Width: 120mm
Height: 63mm



114269 | LED wall light round, IP54, 12W, sandblack, warm white



nominal power
active power
lighting current
color temp.
CRI

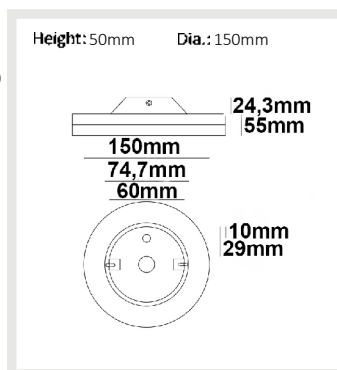
220-240V AC
12 W
660lm
3000K
83

protection class
ambient temp.
service life

IP54
-15° -50°
30000 h L70|B10



114269	120°	660lm
1 m	210 lx	Ø 3,5 m
2 m	53 lx	Ø 6,9 m
3 m	23 lx	Ø 10,4 m



112196 | LED wall light Up&Down 4x3W CREE, IP54, silver, warm white



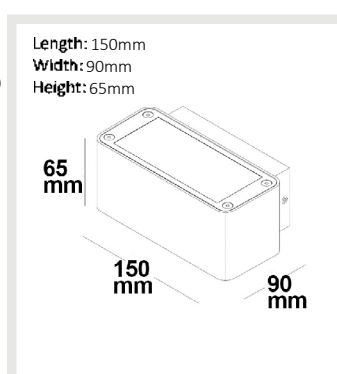
nominal power
active power
lighting current
color temp.
CRI

230V AC
11,6 W
490lm
3000K
80

protection class
ambient temp.
service life

IP54
-20° - 65°
30000 h L70|B10

112196	120°	490lm
1 m	156 lx	Ø 3,5 m
2 m	39 lx	Ø 6,9 m
3 m	17 lx	Ø 10,4 m



112199 | LED wall light Up&Down 4x3W CREE, IP54, anthracite, warm white



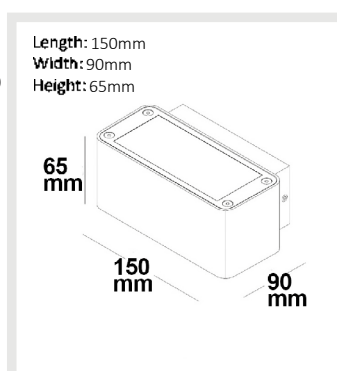
nominal power
active power
lighting current
color temp.
CRI

230V AC
11,6 W
490lm
3000K
80

protection class
ambient temp.
service life

IP54
-20° - 65°
30000 h L70|B10

112199	120°	490lm
1 m	156 lx	Ø 3,5 m
2 m	39 lx	Ø 6,9 m
3 m	17 lx	Ø 10,4 m



112200 | LED wall light Up&Down 4x3W CREE, IP54, white, warm white



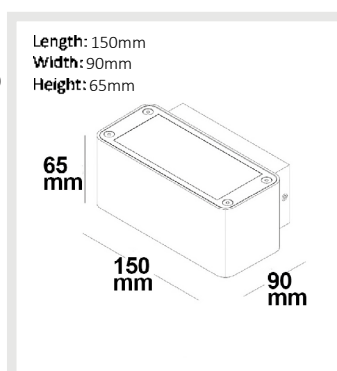
nominal power
active power
lighting current
color temp.
CRI

230V AC
11,4 W
490lm
3000K
80

protection class
ambient temp.
service life

IP54
-20° - 65°
30000 h L70|B10

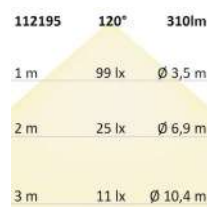
112200	120°	490lm
1 m	156 lx	Ø 3,5 m
2 m	39 lx	Ø 6,9 m
3 m	17 lx	Ø 10,4 m



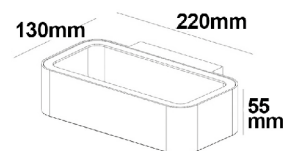
112195 | LED wall light Up&Down 1x7W CREE, IP54, silver, warm white


nominal power **230V AC**
 active power **9,8 W**
 lighting current **310lm**
 color temp. **3000K**
 CRI **85**

protection class **IP54**
 ambient temp. **-20° - 65°**
 service life **30000 h L70|B10**



Length: 130mm
 Width: 220mm
 Height: 55mm

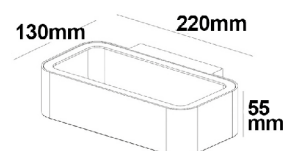

112194 | LED wall light Up&Down 1x7W CREE, IP54, anthracite, warm white


nominal power **230V AC**
 active power **9,8 W**
 lighting current **310lm**
 color temp. **3000K**
 CRI **85**

protection class **IP54**
 ambient temp. **-20° - 65°**
 service life **30000 h L70|B10**



Length: 220mm
 Width: 130mm
 Height: 55mm

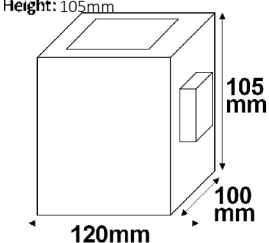

112413 | LED wall light flex Up&Down 2x5W CREE, IP54, anthracite, warm white


nominal power **230V AC**
 active power **13,5 W**
 lighting current **1100lm**
 color temp. **3000K**
 CRI **80**

protection class **IP54**
 ambient temp. **-20° - 65°**
 service life **30000 h L70|B10**



Length: 120mm
 Width: 100mm
 Height: 105mm

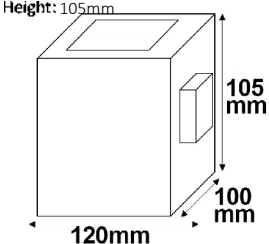

112414 | LED wall light flex Up&Down 2x5W CREE, IP54, white, warm white


nominal power **230V AC**
 active power **13,5 W**
 lighting current **1100lm**
 color temp. **3000K**
 CRI **85**

protection class **IP54**
 ambient temp. **-20° - 65°**
 service life **30000 h L70|B10**



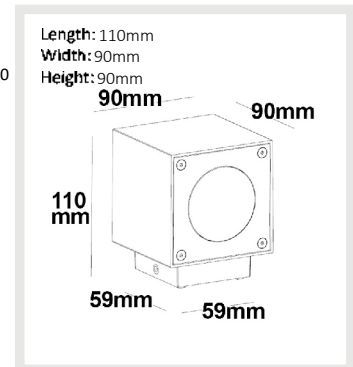
Length: 120mm
 Width: 100mm
 Height: 105mm



112192 | LED wall light Up&Down 2x3W CREE, IP54, silver, warm white



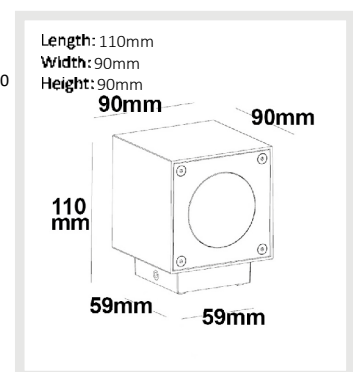
nominal power	230V AC	protection class	IP54
active power	5,3 W	ambient temp.	-20° - 65°
lighting current	290lm	service life	30000 h L70 B10
color temp.	3000K		
CRI	80		



112190 | LED wall light Up&Down 2x3W CREE, IP54, anthracite, warm white



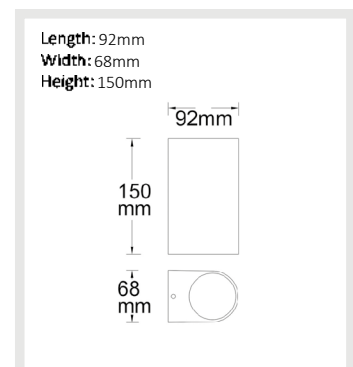
nominal power	230V AC	protection class	IP54
active power	5,3 W	ambient temp.	-20° - 65°
lighting current	290lm	service life	30000 h L70 B10
color temp.	3000K		
CRI	80		



113293 | wall light Siara Up&Down 2xGU10, IP54, anthracite, excl. illuminant



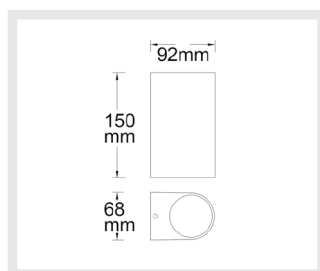
nominal power	220-240V AC	protection class	IP54
		ambient temp.	-20° - 50°



113294 | wall light Siara Up&Down 2xGU10, IP54, black, excl. illuminant

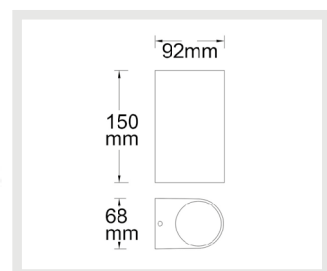


Length: 92mm
Width: 68mm
Height: 150mm



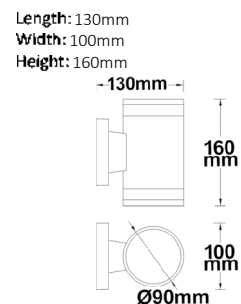
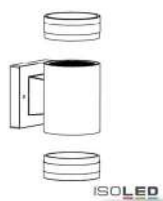
Length: 92mm
Width: 68mm
Height: 150mm

113295 | wall light Siara Up&Down 2xGU10, IP54, white, excl. illuminant



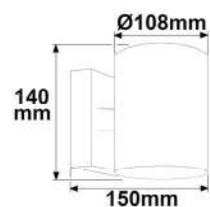
113292 | Wall lamp Up&Down 2xGX53, IP54, LxWxH 130x100x166, anthracite, excl. illuminant


nominal power **220-240V AC** protection class **IP54**
 ambient temp. **-20° - 50°**
 lamp excluded


112624 | Wall lamp Up&Down 2xGX53, IP54, LxWxH 150x108x140, anthracite, excl. illuminant

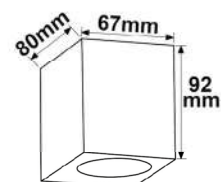

nominal power **230V AC** protection class **IP54**
 ambient temp. **-20° - 65°**
 lamp excluded

Length: 150mm Dia.: 108mm
 Height: 140mm


113982 | LED wall light 1xGU10, IP54, sandblack, excl. illuminant


protection class **IP54**
 ambient temp. **-20° - 45°C**
 lamp excluded

Length: 80mm
 Width: 67mm
 Height: 92mm


113983 | LED wall light up&down 2xGU10, IP54, sandblack, excl. illuminant


protection class **IP54**
 ambient temp. **-20° - 45°C**
 lamp excluded

Length: 80mm
 Width: 67mm
 Height: 150mm

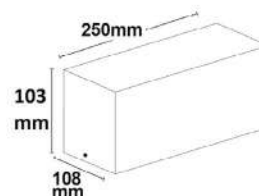


112631 | Wall light box-II 1xE27, IP54, white, excl. illuminant

nominal power **230V AC** protection class **IP54**
ambient temp. **-20° - 65°**
lamp excluded



Length: 250mm
Width: 108mm
Height: 103mm

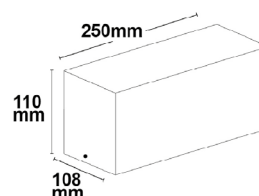


112632 | Wall light box-II 1xE27, IP54, anthracite, excl. illuminant

nominal power **230V AC** protection class **IP54**
ambient temp. **-20° - 65°**
lamp excluded

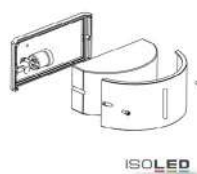


Length: 250mm
Width: 108mm
Height: 110mm

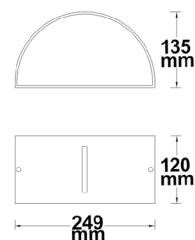


113291 | wall light Up&Down 1xE27, IP54, anthracite, excl. illuminant

nominal power **220-240V AC** protection class **IP54**
ambient temp. **-20° - 50°**



Length: 135mm
Width: 249mm
Height: 120mm

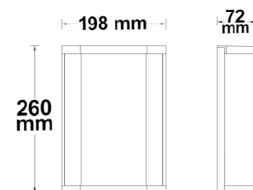


113289 | wall light 2xE27, IP54, anthracite, excl. illuminant

nominal power **220-240V AC** protection class **IP54**
ambient temp. **-20° - 50°**



Length: 72mm
Width: 198mm
Height: 260mm



LED SOLAR LIGHTS WITH BATTERY

IP54

PIR-MOTION SENSOR | BRIGHTNESS SENSOR | LONG LIFE BATTERY

114542 | LED SOLAR wall light with HF motion and brightness sensor, 2W, IP54, warm white



nominal power
active power
lighting current
color temp.
CRI

3,7V DC
2 W
230lm
3000K
84

protection class
ambient temp.
service life

IP54
-20° - 60°
30000 h L70|B10

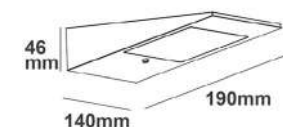
Length: 190mm
Width: 140mm
Height: 46mm



ISOLED



114542	100°	230lm
1 m	102 lx	Ø 2,4 m
2 m	26 lx	Ø 4,8 m
3 m	11 lx	Ø 7,2 m



114153 | LED basement light with HF-motion sensor 10W, IP54, white, neutral white,



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
9,73 W
980lm
4000K
83

protection class
ambient temp.
service life

IP54
-20° - 45°
30000 h L70|B10

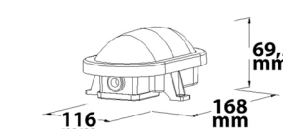
Length: 168mm
Width: 116mm
Height: 69,5mm



ISOLED



114153	110°	980lm
1 m	366 lx	Ø 2,9 m
2 m	92 lx	Ø 5,7 m
3 m	41 lx	Ø 8,6 m



113044 | LED basement light, 10W, IP44, white, neutral white



nominal power
active power
lighting current
color temp.
CRI

200-240V AC
9,1 W
1000lm
4000K
80

protection class
ambient temp.
service life

IP44
-20° - 40°
30000 h L70|B10

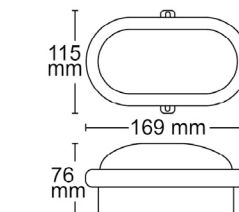
Length: 169mm
Width: 115mm
Height: 76mm



ISOLED



113044	120°	1000lm
1 m	318 lx	Ø 3,5 m
2 m	80 lx	Ø 6,9 m
3 m	35 lx	Ø 10,4 m



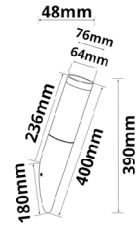
115008 | Wall light anthracite, IP44, 1x E27 socket, excl. illuminant



nominal power **110-230V AC** protection class **IP44**
ambient temp. **-20° - 45°C**
lamp excluded



Length: 400mm Dia.: 76mm
Height: 390mm



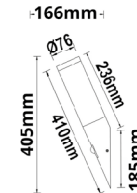
115009 | Wall light anthracite, PIR motion sensor, IP44, 1x E27 socket, excl. illuminant



nominal power **110-230V AC** protection class **IP44**
ambient temp. **-20° - 45°C**
lamp excluded



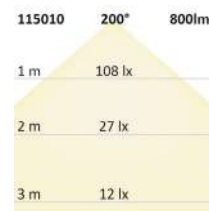
Length: 410mm Dia.: 76mm
Height: 405mm



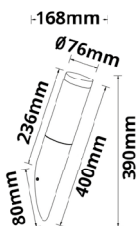
115010 | Wall light stainless steel, IP44, warm white, incl. E27 LED illuminant 9W



nominal power **220-240V AC** protection class **IP44**
active power **8,8 W** ambient temp. **-20° - 45°C**
lighting current **800lm** service life **25000 h L70|B10**
color temp. **3000K**
CRI **80**



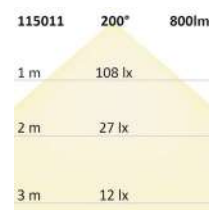
Length: 400mm Dia.: 76mm
Height: 390mm



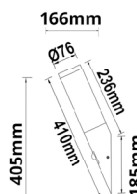
115011 | Wall light stainless steel, IP44, PIR motion sensor, warm white, incl. E27 LED illuminant 9W



nominal power **220-240V AC** protection class **IP44**
active power **8,8 W** ambient temp. **-20° - 45°C**
lighting current **800lm** service life **25000 h L70|B10**
color temp. **3000K**
CRI **80**



Length: 410mm Dia.: 76mm
Height: 400mm





LED OUTDOOR LIGHTS

LED inground light



LED inground light IP67



1SIDE, 2Side or
4SIDE light cone

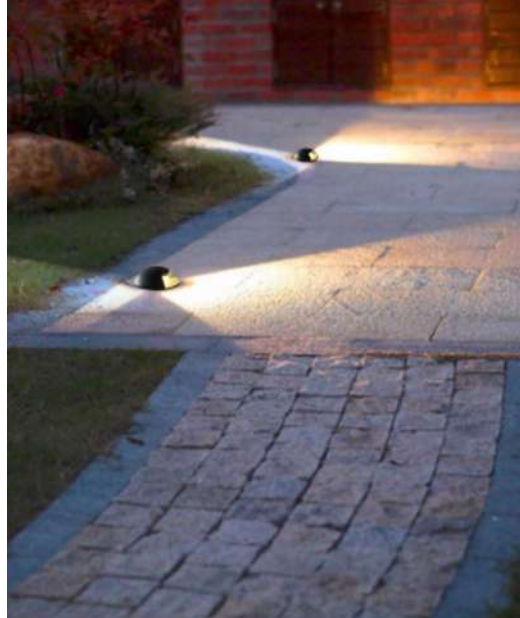


LED inground light IP67



10°, 30° and 60
Warm white and Neutral white

NEW



115673 | LED inground light, round 1SIDE 60mm, black, 12-24V, IP67, 3W, 60°, warm white

60°

ISOLED

NEW

ATG

nominal power
active power
lighting current
color temp.
CRI

12-24V DC
2,6 W
40lm
3000K
80

protection class
ambient temp.
service life

IP67
-20° - 40°C
30000 h L70|B10

Length: 60mm
Width: 60mm
Height: 100mm

Ø60mm

Ø40mm

100mm

100mm

ISOLED

ISOLED

Distance	Beam Angle	Light Intensity	Beam Diameter
1 m	60°	48 lx	Ø 1,2 m
2 m	60°	12 lx	Ø 2,3 m
3 m	60°	5 lx	Ø 3,5 m

115674 | LED inground light, round 2SIDE 60mm, black, 12-24V, IP67, 3W, 60°, warm white

60°

ISOLED

NEW

ATG

nominal power
active power
lighting current
color temp.
CRI

12-24V DC
2,6 W
50lm
3000K
80

protection class
ambient temp.
service life

IP67
-20° - 40°C
30000 h L70|B10

Length: 60mm
Width: 60mm
Height: 100mm

Ø60mm

Ø40mm

100mm

100mm

ISOLED

ISOLED

Distance	Beam Angle	Light Intensity	Beam Diameter
1 m	60°	59 lx	Ø 1,2 m
2 m	60°	15 lx	Ø 2,3 m
3 m	60°	7 lx	Ø 3,5 m

115675 | LED inground light, round 4SIDE 60mm, black, 12-24V, IP67, 3W, 60°, warm white

60°

ISOLED

NEW

ATG

nominal power
active power
lighting current
color temp.
CRI

12-24V DC
2,6 W
60lm
3000K
80

protection class
ambient temp.
service life

IP67
-20° - 40°C
30000 h L70|B10

Length: 60mm
Width: 60mm
Height: 100mm

Ø60mm

Ø40mm

100mm

100mm

ISOLED

ISOLED

Distance	Beam Angle	Light Intensity	Beam Diameter
1 m	60°	71 lx	Ø 1,2 m
2 m	60°	18 lx	Ø 2,3 m
3 m	60°	8 lx	Ø 3,5 m

115667 | LED inground light round 45mm, stainless steel, 12-24V, IP67, 3W, 30°, warm white

30°

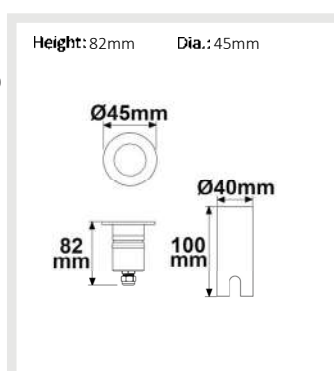
nominal power	12-24V DC	protection class	IP54
active power	2,6 W	ambient temp.	-15° -50°
lighting current	185lm	service life	30000 h L70 B10
color temp.	3000K		

ISOLED NEW





115667	30°	185lm
1 m	864 lx	Ø 0,5 m
2 m	216 lx	Ø 1,1 m
3 m	96 lx	Ø 1,6 m



115668 | LED inground light, round 45mm, stainless steel, 12-24V, IP67, 3W, 60°, warm white

60°

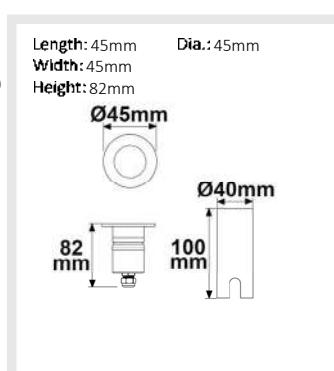
nominal power	12-24V DC	protection class	IP54
active power	2,6 W	ambient temp.	-15° -50°
lighting current	185lm	service life	30000 h L70 B10
color temp.	3000K		

ISOLED NEW





115668	60°	185lm
1 m	220 lx	Ø 1,2 m
2 m	55 lx	Ø 2,3 m
3 m	24 lx	Ø 3,5 m



115669 | LED inground light, round 55mm, stainless steel, 12-24V, IP67, 3W, 10°, warm white

10°

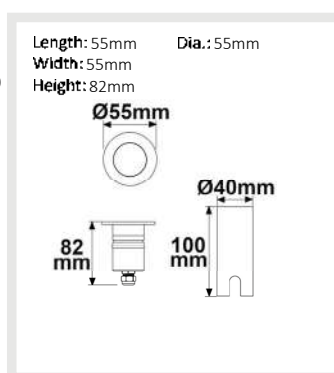
nominal power	12-24V DC	protection class	IP67
active power	2,6 W	ambient temp.	-20° - 40°C
lighting current	185lm	service life	30000 h L70 B10
color temp.	3000K		
CRI	80		

ISOLED NEW





115669	10°	185lm
1 m	7.738 lx	Ø 0,2 m
2 m	1.935 lx	Ø 0,3 m
3 m	860 lx	Ø 0,5 m



115670 | LED inground light, round 55mm, stainless steel, 12-24V, IP67, 3W, 10°, neutral white

10°

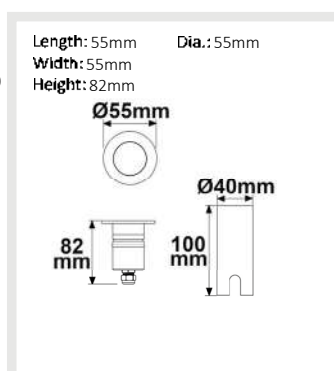
nominal power	12-24V DC	protection class	IP67
active power	2,6 W	ambient temp.	-20° - 40°C
lighting current	195lm	service life	30000 h L70 B10
color temp.	4000K		
CRI	80		

ISOLED NEW





115670	10°	195lm
1 m	8.156 lx	Ø 0,2 m
2 m	2.039 lx	Ø 0,3 m
3 m	906 lx	Ø 0,5 m



115671 | LED inground light, round 55mm, stainless steel, 12-24V, IP67, 3W, 30°, warm white


 nominal power **12-24V DC** protection class **IP67**
 active power **2,6 W** ambient temp. **-20° - 40°C**
 lighting current **185lm** service life **30000 h L70|B10**
 color temp. **3000K**
 CRI **80**












Distance	Beam Angle	Lighting Current	Beam Diameter
1 m	30°	864 lx	Ø 0,5 m
2 m	30°	216 lx	Ø 1,1 m
3 m	30°	96 lx	Ø 1,6 m


115672 | LED inground light, round 55mm, stainless steel, 12-24V, IP67, 3W, 30°, neutral white


 nominal power **12-24V DC** protection class **IP67**
 active power **2,6 W** ambient temp. **-20° - 40°C**
 lighting current **195lm** service life **30000 h L70|B10**
 color temp. **4000K**
 CRI **80**



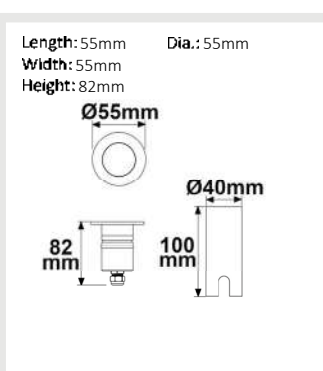









Distance	Beam Angle	Lighting Current	Beam Diameter
1 m	30°	911 lx	Ø 0,5 m
2 m	30°	228 lx	Ø 1,1 m
3 m	30°	101 lx	Ø 1,6 m


112213 | LED inground light, round stainless steel, IP67, 7W COB, 90°, warm white


 nominal power **220-240V AC** protection class **IP67**
 active power **9,2 W** ambient temp. **-20° - 65°**
 lighting current **600lm** service life **30000 h L70|B10**
 color temp. **3000K** external transformer included
 CRI **82**



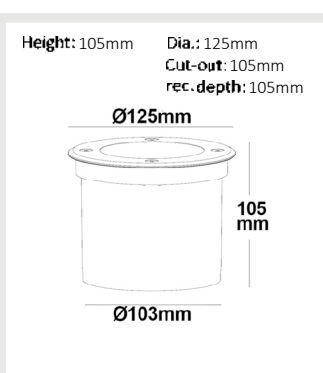









Distance	Beam Angle	Lighting Current	Beam Diameter
1 m	90°	326 lx	Ø 2,0 m
2 m	90°	82 lx	Ø 4,0 m
3 m	90°	36 lx	Ø 6,0 m


112214 | LED inground light, rect. Stainless steel, IP67, 7W COB, 90°, warm white


 nominal power **220-240V AC** protection class **IP67**
 active power **7,5 W** ambient temp. **-20° - 65°**
 lighting current **470lm** service life **30000 h L70|B10**
 color temp. **3000K** external transformer included
 CRI **80**



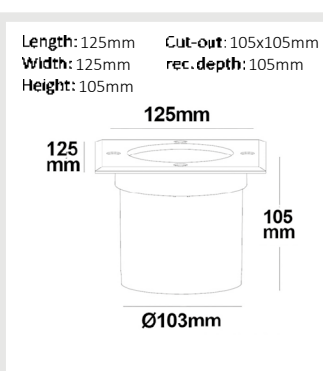









Distance	Beam Angle	Lighting Current	Beam Diameter
1 m	90°	255 lx	Ø 2,0 m
2 m	90°	64 lx	Ø 4,0 m
3 m	90°	28 lx	Ø 6,0 m



112230 | LED spotlight recessed, stainless steel, 2W, 60°, IP67, 12V AC/DC, warm white



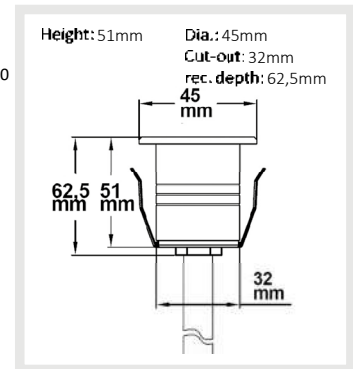

60°
 nominal power **12V AC/DC**
 active power **2 W**
 lighting current **160lm**
 color temp. **3000K**
 CRI **80**

protection class **IP67**
 ambient temp. **-20° - 45°**
 service life **35000 h L70|B10**






112230 60° 160lm
 1 m 190 lx Ø 1,2 m
 2 m 48 lx Ø 2,3 m
 3 m 21 lx Ø 3,5 m

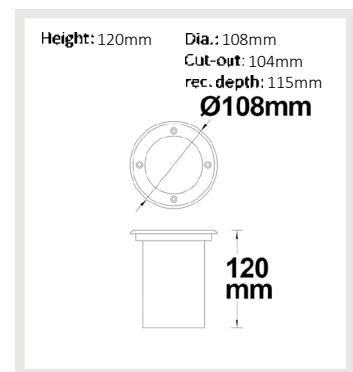


115511 | Ground recessed spotlight for GU10 spots, round, IP67, excl. bulbs




NEW

nominal power **220-240V AC**
 protection class **IP67**
 ambient temp. **-20° - 50°**

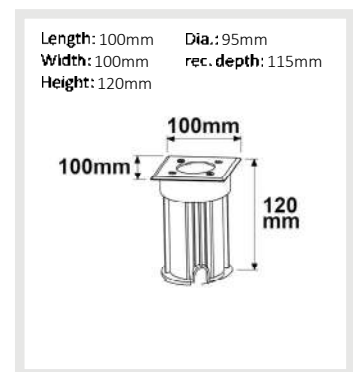


115524 | Ground recessed spotlight for GU10 spots, square, IP67, excl. illuminant




NEW

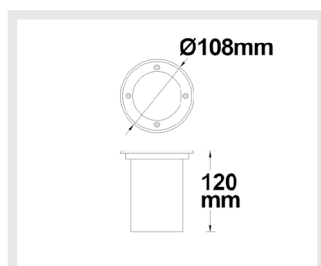
nominal power **220-240V AC**
 protection class **IP67**
 ambient temp. **-20° - 50°**



113299 | Inground light for GU10 spots, round, IP67, excl. illuminant



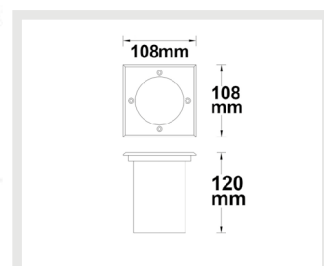
Height: 120mm
 Dia.: 108mm
 Cut-out: 104mm
 rec. depth: 115mm



113300 | Inground light for GU10 spots, square, IP67, excl. illuminant



Length: 108mm
 Width: 108mm
 Height: 120mm
 Cut-out: 103,24mm
 rec. depth: 115mm





LED OUTDOOR LIGHTS

LED light stripes outdoor



TRANSPARENT
PREMIUM
PUR-FULLY CAST

LED LIGHT STRIPES OUTDOOR

PREMIUM PUR-FULLY CAST

Multilevel Full casting process

In order to be able to operate linear LED lighting concepts safely and trouble-free in wet cells, damp rooms, outdoor areas and especially under water, at least protection class IP67 must be guaranteed.

Absolutely waterproof

We achieve this absolute waterproofness with the fully cast LED aluminium profiles with synthetic resin (PuR - polyurethane). In a unique process, liquid two-component PuR is fed with extreme precision in six layers directly into the profile (in the case of 3-component PuR coloring - e.g. opal). The multi-step application of the heated resin prevents air bubbles, inclusions and cracks..

Protection for Chip and Electronics

The resin covers the LED Flex stripes, the connection cabling as well as the total inside space of the profile and is flush with the top and side edges. The linear LED light component is now sealed and absolutely waterproof. Further advantages are the protection of the LED chips and the electronics as well as the reduction of the mechanical voltage of the aluminium profile.



**excellent
properties for
sustainable added value!**

- » Sealing: Protection class IP67
- » Salt/chlorine/fuel/solvents/UV-resistance
- » High temperature resistance
- » High stone chip and abrasion resistance
- » No yellowing
- » accessible and drivable
- » NO heat accumulation on the LED strip

LIGHT STRIPE

114853 46,5 cm | **114855** 96,5 cm

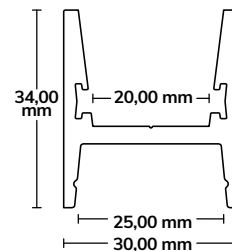
dynamic white IP67 | 24 V

		114853	46,5 cm	114855	96,5 cm
WW	3.000 K	4,5 W	135 lm	9,0 W	270 lm
KW	6.500 K	4,5 W	150 lm	9,0 W	300 lm
WW+KW	4.500 K	9,0 W	275 lm	18,0 W	550 lm
CCT	4.500 K	5,0 W	140 lm	10,0 W	280 lm

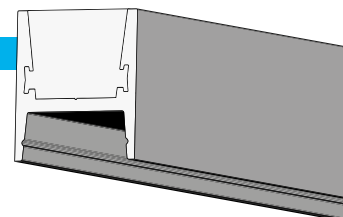
114854 46,5 cm | **114856** 96,5 cm

RGB IP67 | 24 V

	114854	46,5 cm	114856	96,5 cm
RGB	4,5 W	-	12,0 W	-

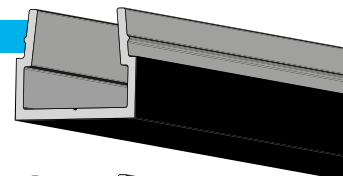


LIGHT STRIP



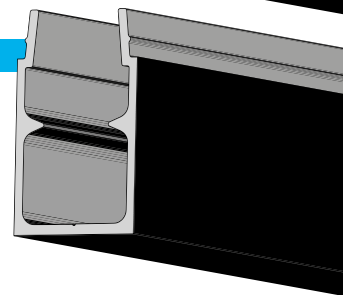
MR1

Assembly rail



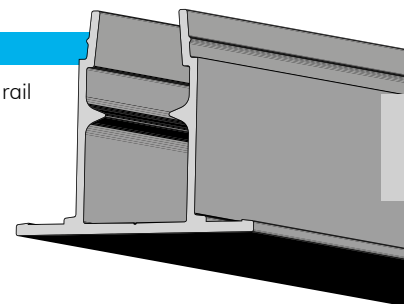
MR2

Assembly rail



MR3

Assembly rail



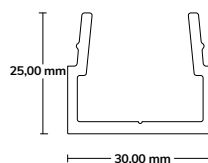
MOUNTING RAIL



MOUNTING RAIL MR1

L: 100 cm

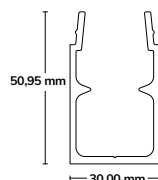
112616



MOUNTING RAIL MR2

L: 100 cm

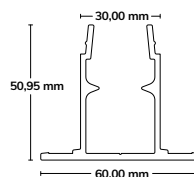
112842



MOUNTING RAIL MR3

L: 100 cm

112841



ACCESSORIES



114707 30 cm | **114709** 250 cm

Connection cable Female

PVC | IP67



114708 30 cm | **114710** 250 cm

Connection cable Male

PVC | IP67



114711 250 cm | **114712** 500 cm

extension cable

PVC | IP67



LED OUTDOOR LIGHTS

LED outdoor spots and bollard lights



LED Garden Spotlight stainless steel



IP65 | 30° incl.
earth spike

NEW



115676 | LED garden spotlight, round, stainless steel, black, 12-24V, IP65, 6W, 30°, warm white



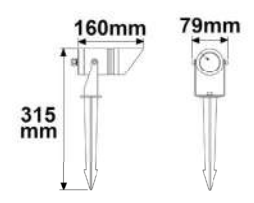
nominal power
active power
lighting current
color temp.
CRI

12-24V DC
6 W
395lm
3000K
80

protection class
ambient temp.
service life

IP65
-20° - 40°C
30000 h L70|B10

Length: 160mm
Width: 79mm
Height: 315mm





115676 30° 395lm

Distance	Illuminance (lx)	Beam Diameter (m)
1 m	1.845 lx	Ø 0,5 m
2 m	461 lx	Ø 1,1 m
3 m	205 lx	Ø 1,6 m

115677 | LED garden spotlight, round, stainless steel, black, 220V, IP65, 10W, 30°, warm white



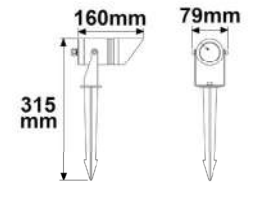
nominal power
active power
lighting current
color temp.
CRI

220-240V AC
10 W
650lm
3000K
80

protection class
ambient temp.
service life

IP65
-20° - 40°C
30000 h L70|B10

Length: 160mm
Width: 79mm
Height: 105mm





115677 30° 650lm

Distance	Illuminance (lx)	Beam Diameter (m)
1 m	3.036 lx	Ø 0,5 m
2 m	759 lx	Ø 1,1 m
3 m	337 lx	Ø 1,6 m

LED OUTDOOR SPOTLIGHT CUBE | 230 V | IP65

4x2 W CREE | warm white (3.000 K) | 480 Lm
incl. earth spike | anthracite
Beam angle: 35° | 3-pole cable (20 cm)

112188



IP65

WITHOUT EARTH SPIKE

- » Facade lighting (direct mounting on the building structure possible)

WITH EARTH SPIKE

- » Effect/decor lighting in green areas & parks and along walkways/pathways
- » Accent lighting in gardens | e.g. plant/flower/tree or hedge lighting
- » Object lighting | e.g. fences, gates, fountains, stone objects, benches/seating, meeting areas, etc.

112188 | LED outdoor spotlight Cube IP65, 4x2W CREE, anthracite, warm white



nominal power
active power
lighting current
color temp.
CRI

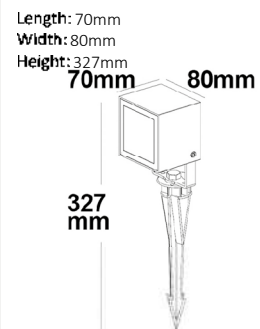
230V AC
7,6 W
480lm
3000K
80

protection class
ambient temp.
service life

IP65
-20° - 65°
30000 h L70|B10



112188	35°	480lm
1 m	1.651 lx	Ø 0,6 m
2 m	413 lx	Ø 1,3 m
3 m	183 lx	Ø 1,9 m



113296 | surface mounted spotlight GU10, IP65, black incl. earth stake



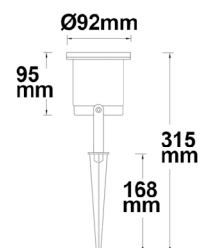
nominal power

220-240V AC

protection class
ambient temp.
lamp excluded

IP65
-20° - 45°C

Height: 315mm Dia.: 92mm





LED SOLAR LIGHTS WITH BATTERY

IP54

PIR-MOTION SENSOR | BRIGHTNESS SENSOR | LONG LIFE BATTERY

114543 | LED solar path/garden light with brightness sensor, 1,3 W, IP54, warm white, with battery, incl. spike



A T G D

nominal power
active power
lighting current
color temp.
CRI

3,7V DC
1,3 W
180lm
3000K
84

protection class
ambient temp.
service life

IP54
-20° - 60°
30000 h L70|B10



114543	100°	180lm
1 m	80 lx	Ø 2,4 m
2 m	20 lx	Ø 4,8 m
3 m	9 lx	Ø 7,2 m

Length: 140mm
Width: 140mm
Height: 700mm



114544 | LED SOLAR outdoor light, PIR motion/brightness sensor, on+off, 2W, IP54, warm white



A T G E

nominal power
active power
lighting current
color temp.
CRI

3,7V DC
2 W
230lm
3000K
84

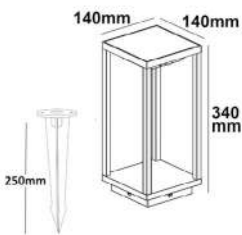
protection class
ambient temp.
service life

IP54
-20° - 60°
30000 h L70|B10



114544	50°	230lm
1 m	391 lx	Ø 0,9 m
2 m	98 lx	Ø 1,9 m
3 m	43 lx	Ø 2,8 m

Length: 140mm
Width: 140mm
Height: 340mm



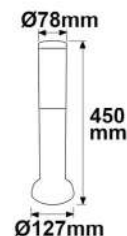
115012 | Bollard light 450 anthracite, IP44, 1x E27 socket, excl. illuminant



nominal power **110-230V AC** protection class **IP44**
ambient temp. **-20° - 45°C**
lamp excluded



Height: 450mm Dia.: 78mm



115013 | Bollard light 450 anthracite, IP44, PIR motion sensor, 1x E27 socket, excl. illuminant



nominal power **110-230V AC** protection class **IP44**
ambient temp. **-20° - 45°C**
lamp excluded



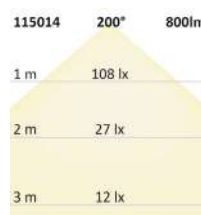
Height: 450mm Dia.: 76mm



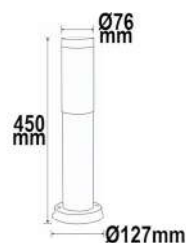
115014 | Bollard light 450 stainless steel, IP44, warm white, incl. E27 LED illuminant 9W



nominal power **220-240V AC** protection class **IP44**
active power **8,8 W** ambient temp. **-20° - 45°C**
lighting current **800lm** service life **25000 h L70|B10**
color temp. **3000K**
CRI **80**



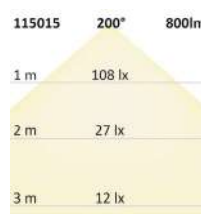
Height: 450mm Dia.: 76mm



115015 | Bollard light 450 stainless steel, IP44, PIR motion sensor, warm white, incl. E27 LED illuminant 9W



nominal power **220-240V AC** protection class **IP44**
active power **8,8 W** ambient temp. **-20° - 45°C**
lighting current **800lm** service life **25000 h L70|B10**
color temp. **3000K**
CRI **80**



Height: 450mm Dia.: 76mm

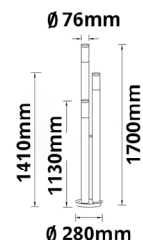


115016 | Bollard light 1700 anthracite, IP44, 3x E27 socket, excl. illuminant

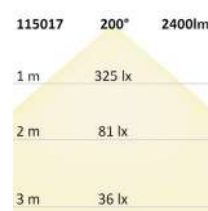

nominal power **110-230V AC** protection class **IP44**
 ambient temp. **-20° - 45°C**
 lamp excluded



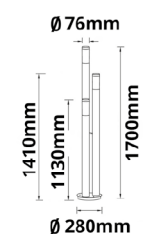
Height: 1700mm Dia.: 280mm


115017 | Bollard light 1700 stainless steel, IP44, warm white, incl. 3x E27 LED illuminant 9W


nominal power **220-240V AC** protection class **IP44**
 active power **26,4 W** ambient temp. **-20° - 45°C**
 lighting current **2400lm** service life **25000 h L70|B10**
 color temp. **3000K**
 CRI **80**



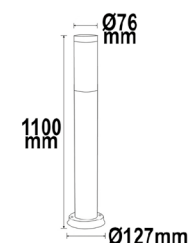
Height: 1700mm Dia.: 280mm


115018 | Bollard light 1100 anthracite, IP44, 1x E27 socket, excl. illuminant


nominal power **110-230V AC** protection class **IP44**
 ambient temp. **-20° - 45°C**
 lamp excluded



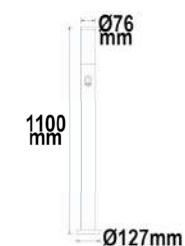
Height: 1100mm Dia.: 127mm


115019 | Bollard light 1100 anthracite, IP44, PIR motion sensor, 1x E27 socket, excl. illuminant


nominal power **110-230V AC** protection class **IP44**
 ambient temp. **-20° - 45°C**
 lamp excluded



Height: 1100mm Dia.: 127mm



115020 | Bollard light 1100 stainless steel, IP44, warm white, incl. E27 LED illuminant 9W

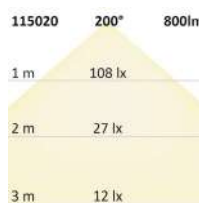


nominal power
active power
lighting current
color temp.
CRI

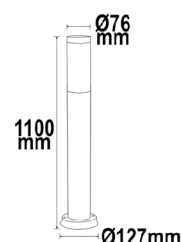
220-240V AC
8,8 W
800lm
3000K
80

protection class
ambient temp.
service life

IP44
-20° - 45°C
25000 h L70|B10



Height: 1100mm Dia.: 127mm



115021 | Bollard light 1100 stainless steel, IP44, PIR motion sensor, warm white, incl. E27 LED illuminant 9W

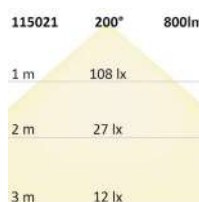


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
8,8 W
800lm
3000K
80

protection class
ambient temp.
service life

IP44
-20° - 45°C
25000 h L70|B10



Height: 1100mm Dia.: 127mm



114272 | LED light bollard-5, 6W, sandblack, warm white



nominal power
active power
lighting current
color temp.
CRI

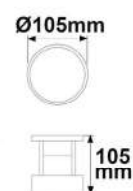
220-240V AC
6,3 W
280lm
3000K
82

protection class
ambient temp.
service life

IP54
-15° - 50°
30000 h L70|B10



Height: 105mm Dia.: 105mm



114279 | LED street light bollard-5, 30cm, 6W, sandblack, warm white



nominal power
active power
lighting current
color temp.
CRI

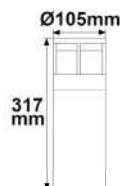
220-240V AC
6 W
280lm
3000K
82

protection class
ambient temp.
service life

IP54
-15° - 50°
30000 h L70|B10



Height: 317mm Dia.: 105mm



114280 | LED street light bollard-5, 50cm, 6W, sandblack, warm white


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
6 W
280lm
3000K
82

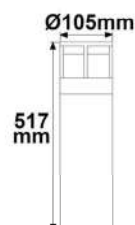
protection class
ambient temp.
service life

IP54
-15° -50°
30000 h L70|B10



114280	120°	280lm
1 m	89 lx	Ø 3,5 m
2 m	22 lx	Ø 6,9 m
3 m	10 lx	Ø 10,4 m

Height: 517mm Dia.: 105mm


114281 | LED street light bollard-5, 70cm, 6W, sandblack, warm white


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
6 W
280lm
3000K
82

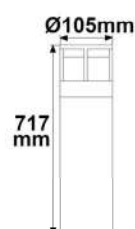
protection class
ambient temp.
service life

IP54
-15° -50°
30000 h L70|B10



114281	120°	280lm
1 m	89 lx	Ø 3,5 m
2 m	22 lx	Ø 6,9 m
3 m	10 lx	Ø 10,4 m

Height: 717mm Dia.: 105mm

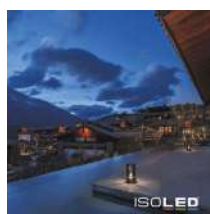

114271 | LED light bollard-4, 9W, sandblack, warm white


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
8 W
330lm
3000K
82

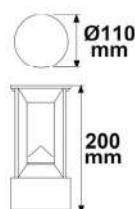
protection class
ambient temp.
service life

IP54
-15° -50°
30000 h L70|B10



114271	120°	330lm
1 m	105 lx	Ø 3,5 m
2 m	26 lx	Ø 6,9 m
3 m	12 lx	Ø 10,4 m

Height: 200mm Dia.: 110mm


114276 | LED street light bollard-4, 40cm, 9W, sandblack, warm white


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
8 W
330lm
3000K
82

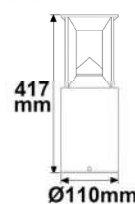
protection class
ambient temp.
service life

IP54
-15° -50°
30000 h L70|B10



114276	120°	330lm
1 m	105 lx	Ø 3,5 m
2 m	26 lx	Ø 6,9 m
3 m	12 lx	Ø 10,4 m

Height: 417mm Dia.: 110mm



114277 | LED street light bollard-4, 60cm, 9W, sandblack, warm white

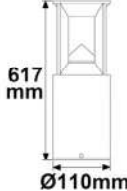


nominal power **220-240V AC**
active power **8 W**
lighting current **330lm**
color temp. **3000K**
CRI **82**

protection class **IP54**
ambient temp. **-15° -50°**
service life **30000 h L70|B10**




114277 120° 330lm		
1 m	105 lx	Ø 3,5 m
2 m	26 lx	Ø 6,9 m
3 m	12 lx	Ø 10,4 m



114278 | LED street light bollard-4, 80cm, 9W, sandblack, warm white

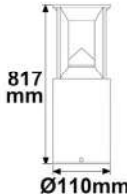


nominal power **220-240V AC**
active power **8 W**
lighting current **330lm**
color temp. **3000K**
CRI **82**

protection class **IP54**
ambient temp. **-15° -50°**
service life **30000 h L70|B10**




114278 120° 330lm		
1 m	105 lx	Ø 3,5 m
2 m	26 lx	Ø 6,9 m
3 m	12 lx	Ø 10,4 m



114282 | LED street light bollard-6, 30cm, 6W, sandblack, warm white

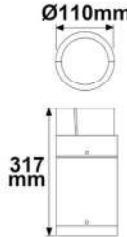


nominal power **220-240V AC**
active power **6,4 W**
lighting current **430lm**
color temp. **3000K**
CRI **81**

protection class **IP54**
ambient temp. **-15° -50°**
service life **30000 h L70|B10**




114282 120° 430lm		
1 m	137 lx	Ø 3,5 m
2 m	34 lx	Ø 6,9 m
3 m	15 lx	Ø 10,4 m



114283 | LED street light bollard-6, 50cm, 6W, sandblack, warm white

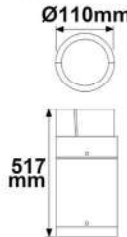


nominal power **220-240V AC**
active power **6,4 W**
lighting current **430lm**
color temp. **3000K**
CRI **81**

protection class **IP54**
ambient temp. **-15° -50°**
service life **30000 h L70|B10**




114283 120° 430lm		
1 m	137 lx	Ø 3,5 m
2 m	34 lx	Ø 6,9 m
3 m	15 lx	Ø 10,4 m



114284 | LED street light bollard-6, 70cm, 6W, sandblack, warm white


nominal power
active power
lighting current
color temp.
CRI

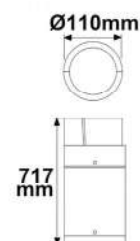
220-240V AC
6,4 W
430lm
3000K
81

protection class
ambient temp.
service life

IP54
-15° -50°
30000 h L70|B10

114284	120°	430lm
1 m	137 lx	Ø 3,5 m
2 m	34 lx	Ø 6,9 m
3 m	15 lx	Ø 10,4 m

Height: 717mm Dia.: 110mm


114268 | LED street light bollard-2, 60cm, 9W, sandblack, warm white


nominal power
active power
lighting current
color temp.
CRI

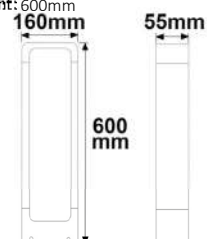
220-240V AC
7,9 W
300lm
3000K
81

protection class
ambient temp.
service life

IP54
-15° -50°
30000 h L70|B10

114268	120°	300lm
1 m	95 lx	Ø 3,5 m
2 m	24 lx	Ø 6,9 m
3 m	11 lx	Ø 10,4 m

Length: 160mm
Width: 55mm
Height: 600mm


114266 | LED street light bollard-1, 30cm, 7W, sandblack, warm white


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
8 W
315lm
3000K
83

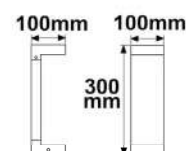
protection class
ambient temp.
service life

IP54
-15° -50°
30000 h L70|B10



114266	120°	315lm
1 m	100 lx	Ø 3,5 m
2 m	25 lx	Ø 6,9 m
3 m	11 lx	Ø 10,4 m

Length: 100mm
Width: 100mm
Height: 300mm


114267 | LED street light bollard-1, 60cm, 7W, sandblack, warm white


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
8 W
300lm
3000K
83

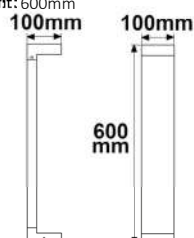
protection class
ambient temp.
service life

IP54
-15° -50°
30000 h L70|B10



114267	120°	300lm
1 m	95 lx	Ø 3,5 m
2 m	24 lx	Ø 6,9 m
3 m	11 lx	Ø 10,4 m

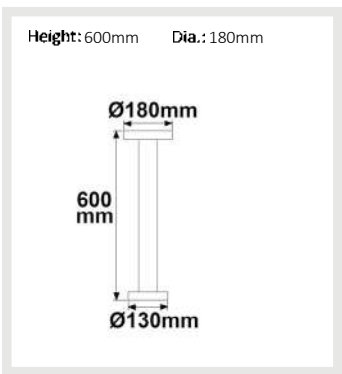
Length: 100mm
Width: 100mm
Height: 600mm



114270 | LED street light bollard-3, 60cm, 12W, sandblack, warm white



nominal power	220-240V AC	protection class	IP54
active power	13 W	ambient temp.	-15° -50°
lighting current	480lm	service life	30000 h L70 B10
color temp.	3000K		
CRI	82		



114398
Earth spike for bollard light 1



114399
Earth spike for bollard light 2



114400
Earth spike for bollard light 3



114401
Earth spike for bollard light 4/5/6



Wall mounting of the emergency light



Emergency lighting of a corridor



ceiling installation as an orientation guide

Safety in an emergency - orientation aids with up to 3 hours of emergency light operation

"The ISOLED employees are always available and are committed to finding a quick solution.
For a small business like me, that's great! Thank you very much."

Feedback from customer survey 2022

LED EMERGENCY LIGHT, ESCAPE ROUTE, RECHARGEABLE BATTERY LUMINAIRES

CUSTOMISED LIGHT SOLUTIONS



PAGE 387

LED emergency light/escape route
luminaires, battery lights



PAGE 389

LED lights with integrated battery



Emergency light
operation 3 hours



Integrated
battery



Automated
self-tests

The ISOLED® Emergency lighting/escape route luminaires comply with the EN 50172:2005 and
EN 1838:2019 standards



EMERGENCY LIGHT OPERATION 3 HOURS

Safety in case of emergency

In the event of a power failure or failure of the general power supply or lighting system, enough lighting (emergency lighting) must be ensured to safely exit the building or to avoid panic.

European standard for labelling

The legal requirements regarding lighting requirements and marking of escape and rescue routes are regulated in the Euro-pean standards EN 50172:2005 and EN 1838:2019.

Recommendation for planning

When planning an emergency lighting system in your building, we recommend that you consult an expert in this field. We would be happy to put you in touch with a partner in your area.

LED panels and Linear-Diffuser luminaires with Battery Pack
ISOLED® Luminaires with integrated rechargeable battery pack (see Page 389 85 Battery module for LED panels and page 109 Professional Linear-Diffuser luminaire) ensure basic lighting in offices, workshops, basements and underground car parks in the event of a power failure, even without an emergency power supply unit or central battery system.

UNI4 and UNI7 emergency light/escape route luminaires conforming to standards

With our two emergency light/escape route luminaires uNI4 and uNI7, which have a recognition range of 20 and 18 me-tres respectively and four adhesive escape signs (up/down/left/right arrows), you can implement the marking and sig-nage of escape and rescue routes safely and in accordance to standards.

Integrated battery for 3 hours emergency operation

The uNI4 LED light is equipped with a 1.500 mAh Ni-cd battery and the uNI7 with a 1.900 mAh battery, which allows a battery operation for more than 3 hours in case of power failure (charging time approx. 24h).

If the power supply is maintained, a switched continuous operation is optionally possible.

Automated self-tests replace manual function checks

The lights carry out a self-test after initial installation, a function test once a week, 36 hours after initial installation and an endurance test once a year. This eliminates the periodically prescribed and time-consuming manual function checks.

Note on the operation display

Manual tests can be initialized at any time by pressing the in-tegrated test button. Correct operation is indicated by a green signal LED, errors by a red signal LED.

Guidelines for emergency light/escape route luminaires

Basically, the following applies to emergency lights and escape route luminaires etc:

- ✓ Positioning at least 2m above the ground (viewable from both sides)
- ✓ Distance <2m for each exit door to be used in an emergency
- ✓ Distance <2m for every stair, height or direction change
- ✓ Escape signs must be illuminated in the event of a power failure
- ✓ Distance <2m at any first aid kit or fire alarm point
- ✓ Minimum illuminance on escape and rescue routes is 1 lux on the ground,
- ✓ where the ratio of maximum to minimum illuminance must be <40:1.
- ✓ (At machines or places with special hazards 15lx at light median <10:1)

Note on planning emergency lighting systems

When planning an emergency lighting system, we recommend consulting an expert in this field who can guarantee compliance with all European standards.



LED EMERGENCY LIGHT, ESCAPE ROUTE,
RECHARGEABLE BATTERY LUMINAIRES

LED emergency light/escape route luminaires, battery lights



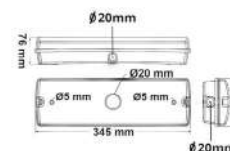
114422 | LED emergency light/escape route light UNI7 Autotest 7W, IP65, X0AEFG180

nominal power	220-260V AC	protection class	IP65
active power	6,48 W	ambient temp.	-10° - 50°C
lighting current	400lm	service life	30000 h L70 B10
color temp.	6500K		
CRI	85		



114422	120°	400lm
1 m	127 lx	Ø 3,5 m
2 m	32 lx	Ø 6,9 m
3 m	14 lx	Ø 10,4 m

Length: 345mm
Width: 110mm
Height: 76mm

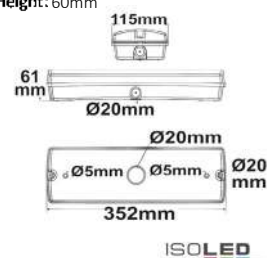

114421 | LED emergency light/escape route light UNI4 Autotest 4W, IP65, X0AEFG180

nominal power	220-260V AC	protection class	IP65
active power	3,59 W	ambient temp.	-10° - 50°C
lighting current	150lm	service life	30000 h L70 B10
color temp.	6500K		
CRI	85		



114421	120°	150lm
1 m	48 lx	Ø 3,5 m
2 m	12 lx	Ø 6,9 m
3 m	5 lx	Ø 10,4 m

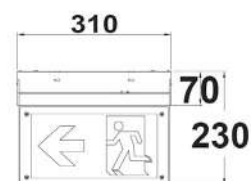
Length: 352mm
Width: 110mm
Height: 60mm


114424 | Vertical sign for LED emergency light/escape route luminaire UNI4

ambient temp. **0° - 40°C**



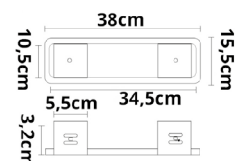
Length: 310mm
Width: 70mm
Height: 230mm


114423 | Mounting frame for LED emergency light/escape route light UNI4

ambient temp. **-20° - 45°C**



Length: 380mm
Width: 155mm
Height: 32mm



LED EMERGENCY LIGHT
ESCAPE ROUTE LIGHTS, BATTERY LIGHTS

LED lights with integrated battery



LED ceiling/wall lights Color Switch | IP54



with motion detector optional
emergency light function

NEW

LED lights with



230V AC / DC | 40 W IP66
PVC | 30,000 h L70 | B10 | shockproof



LED LINEAR LIGHTS PROFESSIONAL

120° DIMENSIONS
L: 1.000 mm | W: 73 mm | H: 63 mm



NEUTRAL WHITE

Power: 42,7 W
luminous flux: 5.800 Lm
Color temp: 4.000 K

113565



Plug-in/screw
terminals on both
sides, through-wired



Up to 25 luminaires
strung together



Simple quick assem-
bly with click system
(incl. accessories)



180-265V AC | 25-75W
CRI 83 | IP40
Plastic/steel | 36.000 h L70|B10 1-10V
dimmable



FASTFIX LED LINEAR SYSTEM S MODULE

120° DIMENSIONS
L: 1.440 mm | W: 70 mm | H: 40 mm



NEUTRAL WHITE

Power: 75 W
luminous flux: 10.500 Lm
Color temp: 4.000 K

113953

EMERGENCY LIGHT

Incl. integrated Li-ion battery with up
to 3 hours runtime at 10 W | 2,200
mAh | 7.92 Wh

This product is a project item in which va-
rious parameters such as color tempera-
ture, lens or beam angle etc. can be cho-
sen individually for a customer-specific
lighting solution.



PROPERTIES

Battery type	Li-Ion 21.6V
Capacity	2.600 mAh
Charging time	≥ 24 hours
Charge current	max. 100 mA
Output	24V-50V DC
Power	15 W
Discharging time	≥ 3 hours
Ambient temp.	0°-40°C max.
Conformity	CE, RoHS, EL-T
Connections	L, N, PE 5,5x2,5 mm round plug

200-240V AC | 15 W IP20
Plastic/steel | ready to plug in



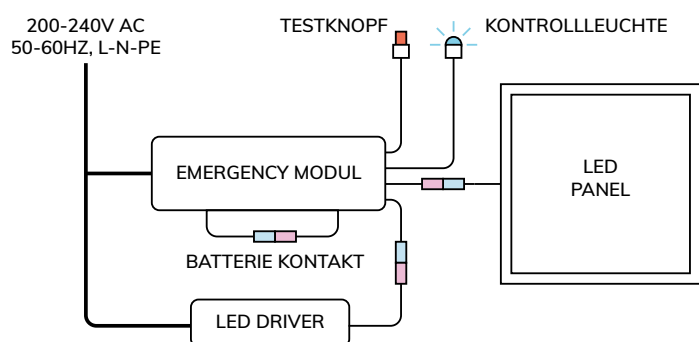
EMERGENCY POWER BATTERY MODULE

15 W

DIMENSIONS

L: 230 mm | W: 100 mm | H: 32 mm

114377



NEW

IN THE RANGE

200-240 V AC/DC | 18 W IP54
30.000 h L70|B10



LED CEILING / WALL LIGHT WITH MOTION SENSOR

DIMENSIONS

D: ø275 mm | H: 70 mm



DYNAMIC WHITE

Power: 18 W
luminous flux: 2.050 Lm
Color temp: 3.000 - 5.000 K

115691



Show and teaching kitchen

Food retail

Café

Economic & ecological energy efficiency for sustainability and lasting value

"I really enjoy working with ISOLED products and people :)"

Feedback from customer survey 2022

LED ILLUMINANTS

CUSTOMISED LIGHT SOLUTIONS



PAGE 395
GU10



PAGE 405
GU5.3 - MR16



PAGE 409
GU4-MR11



PAGE 413
G4



PAGE 417
E27 | E40



PAGE 423
E14



PAGE 427
vintage



PAGE 433
PAR30/38



PAGE 435
G9



PAGE 439
GX53



PAGE 441
R7s



PAGE 443
AR111/ES111

CRI RA & CRI R9

The CRI (color rendering index) value indicated for an artificial light source gives information regarding how true to nature colors will be under this light compared with natural sunlight (CRI 100).

As is usual in the market, the CRI value however only relates to the reproduction of the TCS (Test color Samples) pastel color tones R1 to R8. However not the TCS R9 color tone "saturated red". A light is allowed to have a high CRI Ra with an index >90 for R1 to R8 and still a low CRI R9 of e.g. <30. So even though

high color fidelity may be present, the object in view does not look especially "lifelike".

Note: A prominent red portion in the color spectrum does not automatically mean a high CRI R9 index. The complete color spectrum of a light source must be correct in order to produce natural color reproduction.

Under a light with CRI 95 and R9 89



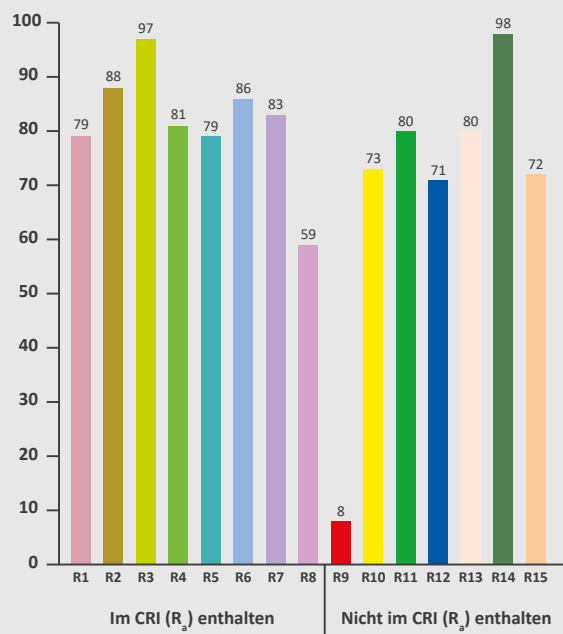
Under a light with CRI 90 and R9 24



Reproduction of the TCS 1-15 of a typical light with CRI 82.

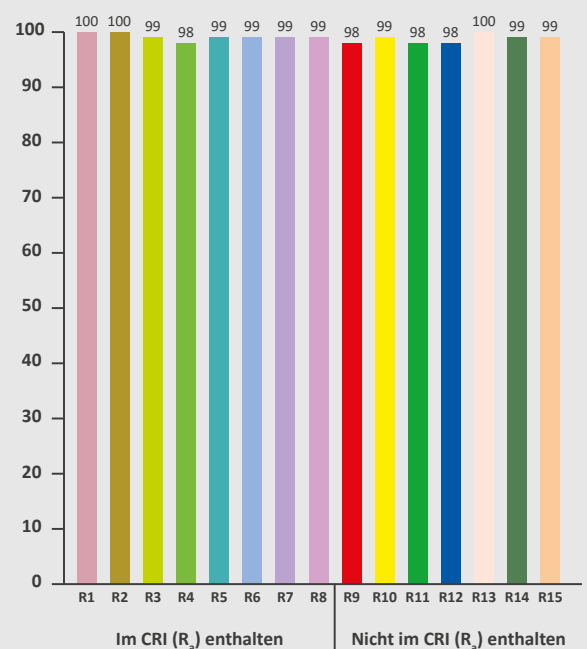
Based on the low CRI R9 value, red color tones and particularly the human skin look rather pale and matt under this light source.

Reproduction of the TCS 1-15 of a full spectrum light with



CRI 98

Both the pastel and full tone colors and especially red color tones are reproduced very true to nature due to a high CRI R9.



LED ILLUMINANTS

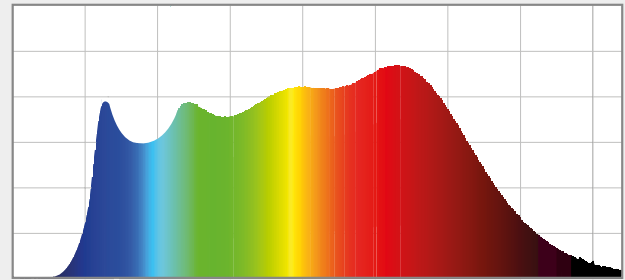
GU10



FULL SPECTRUM | CRI> 98

Excellent color reproduction - corresponds 98 % to natural sunlight!

The new full-spectrum LEDs have almost identical color spectrums as natural sunlight. In contrast to the common LEDs, the color spectrum of the new full-spectrum bulbs does not feature a peak typical for LEDs in the blue color range.



Full spectrum CRI> 98

**GOOD
TO
KNOW**

TOQ = Temperature Optimised Quality

The electronics are designed for 24/7 continuous operation- even at high ambient temperatures (up to 45 °C). Spotlights with this marking are ideally suited for ground installation spotlights or luminaires closed at the rear.

114553 | GU10 Full Spectrum LED spotlight 5.5W TOQ, 36°, 3000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
5,5 W
440lm
3000K
98

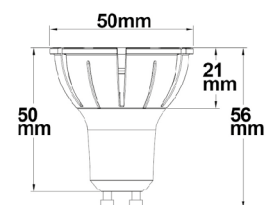
protection class
ambient temp.
service life

IP20
-20° - 45°
40000 h L70|B10



	114553	36°	440lm
1 m	1.431 lx	Ø 0,6 m	
2 m	358 lx	Ø 1,3 m	
3 m	159 lx	Ø 1,9 m	

Length: 56mm Dia.: 50mm



114554 | GU10 Full Spectrum LED spotlight 5.5W TOQ, 36°, 4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
5,5 W
460lm
4000K
98

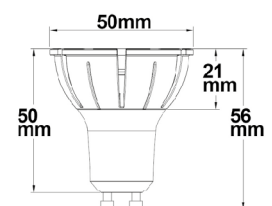
protection class
ambient temp.
service life

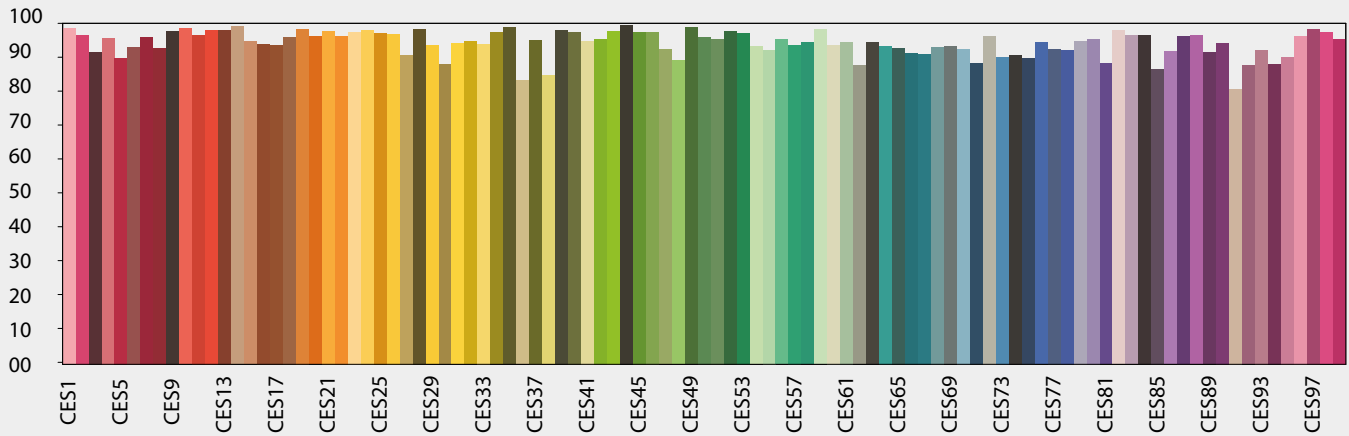
IP20
-20° - 45°
40000 h L70|B10



	114554	36°	460lm
1 m	1.496 lx	Ø 0,6 m	
2 m	374 lx	Ø 1,3 m	
3 m	166 lx	Ø 1,9 m	

Length: 56mm Dia.: 50mm





113681 | GU10 full spectrum LED spotlight 7W COB, 60°, 2700K, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
7,73 W
560lm
2700K
98

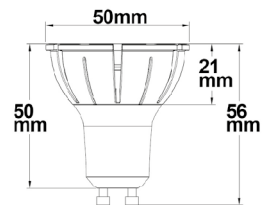
protection class
ambient temp.
service life

IP20
-20° - 40°
50000 h L70|B10



113681	60°	560lm
1 m	665 lx	Ø 1,2 m
2 m	166 lx	Ø 2,3 m
3 m	74 lx	Ø 3,5 m

Length: 56mm Dia.: 50mm



113682 | GU10 full spectrum LED spotlight 7W COB, 60°, 3000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
7,73 W
580lm
3000K
98

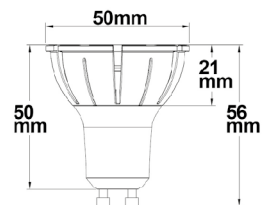
protection class
ambient temp.
service life

IP20
-20° - 40°
50000 h L70|B10



113682	60°	580lm
1 m	689 lx	Ø 1,2 m
2 m	172 lx	Ø 2,3 m
3 m	77 lx	Ø 3,5 m

Length: 56mm Dia.: 50mm



113683 | GU10 full spectrum LED spotlight 7W COB, 60°, 4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
7,73 W
600lm
4000K
98

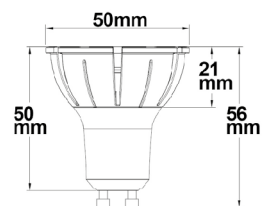
protection class
ambient temp.
service life

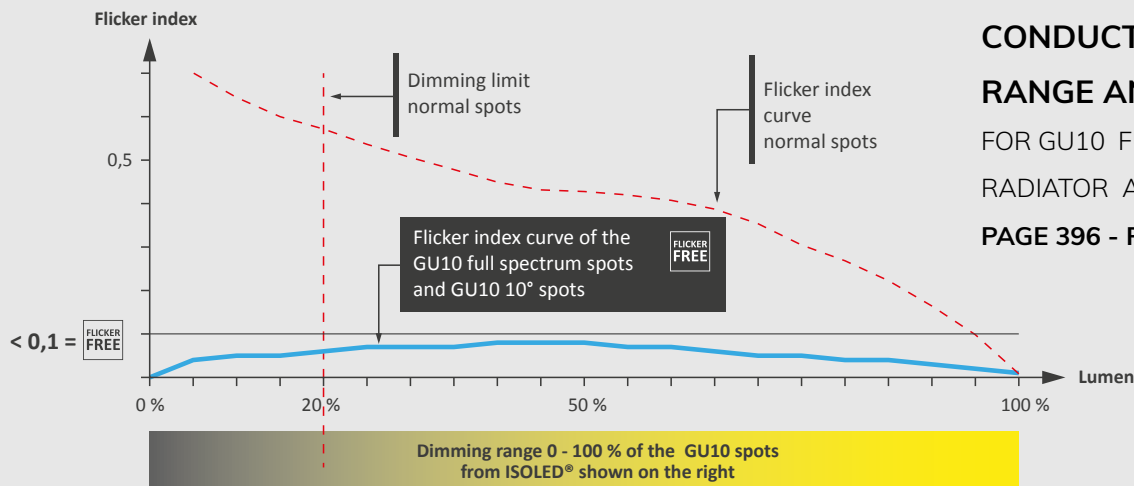
IP20
-20° - 40°
50000 h L70|B10



113683	60°	600lm
1 m	713 lx	Ø 1,2 m
2 m	178 lx	Ø 2,3 m
3 m	79 lx	Ø 3,5 m

Length: 56mm Dia.: 50mm





CONDUCT OF DIMM RANGE AND FLICKERINDEX FOR GU10 FULL SPECTRUM RADIATOR AND GU10 10° PAGE 396 - PAGE PAGE 398

113571 | GU10 full spectrum LED spotlight 7W COB, 36°, 2700K, dimmable



nominal power
active power
lighting current
color temp.
CRI

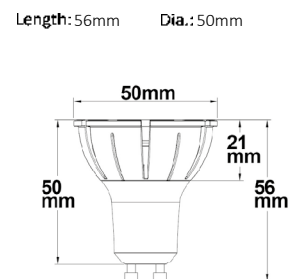
220-240V AC
7,73 W
560lm
2700K
98

protection class
ambient temp.
service life

IP20
-20° - 40°
50000 h L70|B10



113571	36°	560lm
1 m	1.821 lx	Ø 0,6 m
2 m	455 lx	Ø 1,3 m
3 m	202 lx	Ø 1,9 m



113572 | GU10 full spectrum LED spotlight 7W COB, 36°, 3000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

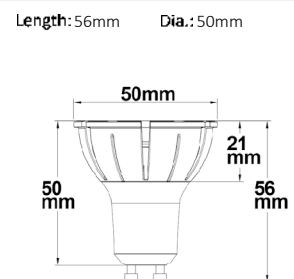
220-240V AC
7,73 W
580lm
3000K
98

protection class
ambient temp.
service life

IP20
-20° - 40°
50000 h L70|B10



113572	36°	580lm
1 m	1.886 lx	Ø 0,6 m
2 m	472 lx	Ø 1,3 m
3 m	210 lx	Ø 1,9 m



113680 | GU10 full spectrum LED spotlight 7W COB, 36°, 4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
7,73 W
600lm
4000K
98

protection class
ambient temp.
service life

IP20
-20° - 40°
50000 h L70|B10



113680	36°	600lm
1 m	1.951 lx	Ø 0,6 m
2 m	488 lx	Ø 1,3 m
3 m	217 lx	Ø 1,9 m



114066 | GU10 LED spotlight 8W COB, 10°, 2700K, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
7,4 W
410lm
2700K
95

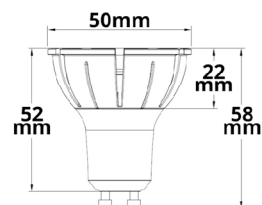
protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



114066	10°	410lm
1 m	17.148 lx	Ø 0,2 m
2 m	4.287 lx	Ø 0,3 m
3 m	1.905 lx	Ø 0,5 m

Length: 58mm Dia.: 50mm



114067 | GU10 LED spotlight 8W COB, 10°, 3000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
7,4 W
410lm
3000K
95

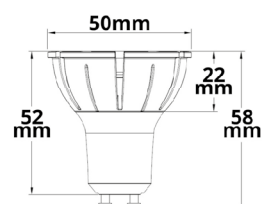
protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



114067	10°	410lm
1 m	17.148 lx	Ø 0,2 m
2 m	4.287 lx	Ø 0,3 m
3 m	1.905 lx	Ø 0,5 m

Length: 58mm Dia.: 50mm



114068 | GU10 LED spotlight 8W COB, 10°, 4000K, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
7,7 W
450lm
4000K
95

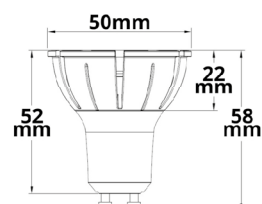
protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



114068	10°	450lm
1 m	18.821 lx	Ø 0,2 m
2 m	4.705 lx	Ø 0,3 m
3 m	2.091 lx	Ø 0,5 m

Length: 58mm Dia.: 50mm



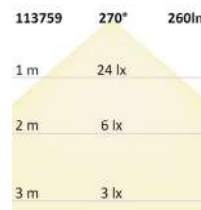
113759 | GU10 LED spotlight 3W, 270°, opal, warm white


nominal power
active power
lighting current
color temp.
CRI

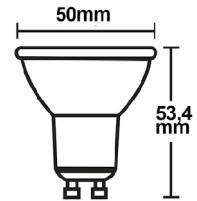
230V AC
3,3 W
260lm
3000K
80

protection class
ambient temp.
service life

IP52
-20° - 40°
20000 h L70|B10



Length: 53,4mm Dia.: 50mm



LED SPOT GU10

Extremely low installation depth of only
36 mm External connection box
ideal for ceiling installation frame

114120

114121

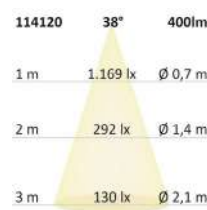

114120 | LED spot GU10, 5W, 38°, 3000K, external connection box, dimmable


nominal power
active power
lighting current
color temp.
CRI

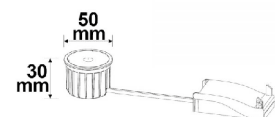
220-240V AC
5 W
400lm
3000K
95

protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



Height: 30mm Dia.: 50mm


114121 | LED spot GU10, 5W, 38°, 4000K, external connection box, dimmable


nominal power
active power
lighting current
color temp.
CRI

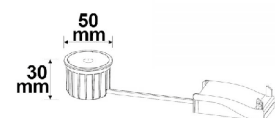
220-240V AC
5 W
440lm
4000K
95

protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



Height: 30mm Dia.: 50mm



113976 | GU10 LED spotlight 5W, 45°, prismatic, warm white, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
5,5 W
430lm
3000K
90

protection class
ambient temp.
service life

IP20
-20° - 40°
20000 h L70|B10

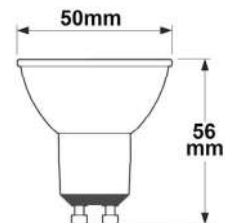


3 YEAR
GUARANTEE



113976	45°	430lm
1 m	899 lx	Ø 0,8 m
2 m	225 lx	Ø 1,7 m
3 m	100 lx	Ø 2,5 m

Length: 56mm Dia.: 50mm



113977 | GU10 LED spotlight 5W, 45°, prismatic, neutral white, dimmable



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
5,5 W
460lm
4000K
90

protection class
ambient temp.
service life

IP20
-20° - 40°
20000 h L70|B10

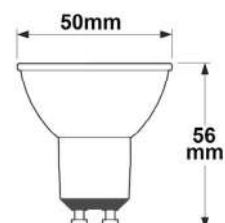


3 YEAR
GUARANTEE



113977	45°	460lm
1 m	962 lx	Ø 0,8 m
2 m	241 lx	Ø 1,7 m
3 m	107 lx	Ø 2,5 m

Length: 56mm Dia.: 50mm



114159 | GU10 LED spotlight 5W, 45°, prismatic, warm white, CRI90



nominal power
active power
lighting current
color temp.
CRI

230V AC
4,76 W
380lm
3000K
92

protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10

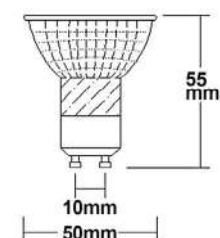


3 YEAR
GUARANTEE



114159	45°	380lm
1 m	795 lx	Ø 0,8 m
2 m	199 lx	Ø 1,7 m
3 m	88 lx	Ø 2,5 m

Length: 55mm Dia.: 50mm



114160 | GU10 LED spotlight 5W, 45°, prismatic, neutral white, CRI90



nominal power
active power
lighting current
color temp.
CRI

230V AC
4,76 W
420lm
4000K
92

protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10

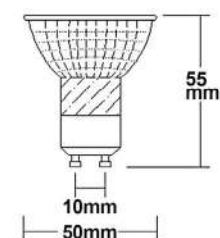


3 YEAR
GUARANTEE



114160	45°	420lm
1 m	878 lx	Ø 0,8 m
2 m	220 lx	Ø 1,7 m
3 m	98 lx	Ø 2,5 m

Length: 55mm Dia.: 50mm



112783 | GU10 MINI-LED spot 4.5W, 38°, warm white


nominal power
active power
lighting current
color temp.
CRI

100-265V AC
4,5 W
300lm
2700K
80

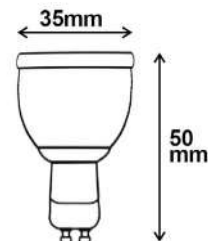
protection class
ambient temp.
service life

IP20
-20° - 40°
35000 h L70|B10



112783	38°	300lm
1 m	876 lx	Ø 0,7 m
2 m	219 lx	Ø 1,4 m
3 m	97 lx	Ø 2,1 m

Length: 50mm Dia.: 35mm


111932 | GU10 LED spotlight 5.5W COB, 70°, warm white, dimmable


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
5,6 W
320lm
2700K
82

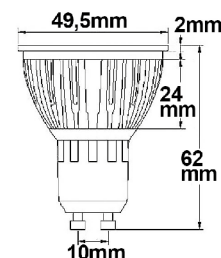
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



111932	70°	320lm
1 m	282 lx	Ø 1,4 m
2 m	71 lx	Ø 2,8 m
3 m	31 lx	Ø 4,2 m

Length: 62mm Dia.: 49,5mm


111542 | GU10 LED spotlight 5.5W COB, 38°, warm white, dimmable


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
5,4 W
330lm
2700K
82

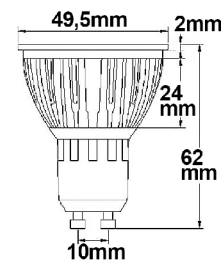
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



111542	38°	330lm
1 m	964 lx	Ø 0,7 m
2 m	241 lx	Ø 1,4 m
3 m	107 lx	Ø 2,1 m

Length: 62mm Dia.: 49,5mm


111541 | GU10 LED spotlight 5.5W COB, 38°, cold white, dimmable


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
5,4 W
400lm
5000K
83

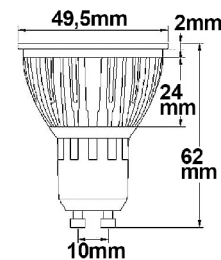
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



111541	38°	400lm
1 m	1.169 lx	Ø 0,7 m
2 m	292 lx	Ø 1,4 m
3 m	130 lx	Ø 2,1 m

Length: 62mm Dia.: 49,5mm



112035 | GU10 LED spotlight 6W GLAS-COB, 70°, warm white, dimmable

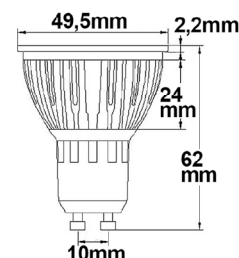


nominal power	220-240V AC	protection class	IP20
active power	5,6 W	ambient temp.	-20° - 40°
lighting current	460lm	service life	40000 h L70 B10
color temp.	2700K		
CRI	82		



112035	70°	460lm
1 m	405 lx	Ø 1,4 m
2 m	101 lx	Ø 2,8 m
3 m	45 lx	Ø 4,2 m

Length: 62mm Dia.: 49,5mm



112971 | GU10 LED spotlight 6W GLAS-COB, 70°, neutral white, dimmable

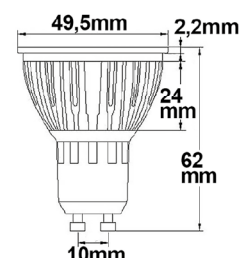


nominal power	220-240V AC	protection class	IP20
active power	5,6 W	ambient temp.	-20° - 40°
lighting current	450lm	service life	40000 h L70 B10
color temp.	4000K		
CRI	82		



112971	70°	450lm
1 m	396 lx	Ø 1,4 m
2 m	99 lx	Ø 2,8 m
3 m	44 lx	Ø 4,2 m

Length: 62mm Dia.: 49,5mm



112337 | GU10 LED spotlight 6W glass diffuse, 120°, warm white



nominal power	220-240V AC	protection class	IP20
active power	6 W	ambient temp.	-20° - 40°
lighting current	600lm	service life	35000 h L70 B10
color temp.	2700K		
CRI	82		



112337	120°	600lm
1 m	191 lx	Ø 3,5 m
2 m	48 lx	Ø 6,9 m
3 m	21 lx	Ø 10,4 m

Length: 56mm Dia.: 49,5mm



112338 | GU10 LED spotlight 6W glass diffuse, 120°, neutral white

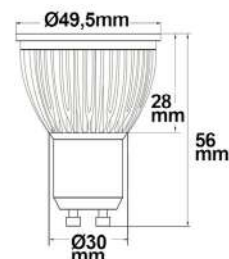


nominal power	220-240V AC	protection class	IP20
active power	6 W	ambient temp.	-20° - 40°
lighting current	650lm	service life	35000 h L70 B10
color temp.	4000K		
CRI	82		



112338	120°	650lm
1 m	207 lx	Ø 3,5 m
2 m	52 lx	Ø 6,9 m
3 m	23 lx	Ø 10,4 m

Length: 56mm Dia.: 49,5mm



SUNSET DIMMING

The ISOLED® GU10 spotlights are innovative and unique, with the revolutionary SuNSET DIMMING behaviour. These spotlights can be dimmed with a standard and universal dimmer in the range of 20 - 100 % via phase angle control or trailing-edge.



DALI Upgrade
with item 115807
DALI to phase
section
MORE ON PAGE
463

112672 | LED spot SUNSET GU10 10W, silver, 45°, 2000-2800K, CRI99, external transformer, dimm-to-warm



nominal power
active power
lighting current
color temp.
CRI

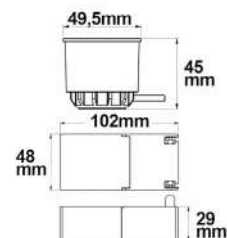
180-240V AC
9,4 W
700lm
2000-2800K
99

protection class **IP20**
ambient temp. **-20° - 40°**
service life **35000 h L70|B10**
external transformer included



112672	45°	700lm
1 m	1,464 lx	Ø 0,8 m
2 m	366 lx	Ø 1,7 m
3 m	163 lx	Ø 2,5 m

Height: 45mm Dia.: 49,5mm
rec. depth: 45mm



113685 | GU10 LED spotlight SUNSET 5.5W, 60°, 2200-3000K, CRI90, dimm-to-warm



nominal power
active power
lighting current
color temp.
CRI

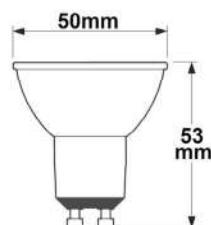
220-240V AC
5,5 W
345lm
2200-3000K
90

protection class **IP20**
ambient temp. **-20° - 40°**
service life **30000 h L70|B10**



113685	60°	345lm
1 m	410 lx	Ø 1,2 m
2 m	103 lx	Ø 2,3 m
3 m	46 lx	Ø 3,5 m

Length: 53mm Dia.: 50mm



LED ILLUMINANTS
GU5.3 - MR16



113760 | MR16 LED spotlight 3.5W, 270°, opal, warm white


nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
3,2 W
280lm
3000K
80

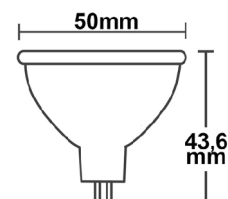
protection class
ambient temp.
service life

IP52
-20° - 40°
20000 h L70|B10



113760	270°	280lm
1 m	26 lx	
2 m	7 lx	
3 m	3 lx	

Length: 43,6mm Dia.: 50mm


113573 | MR16 full spectrum LED spotlight 7W COB, 36°, 2700K, dimmable


4 YEAR
GUARANTEE



nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
7,55 W
560lm
2700K
98

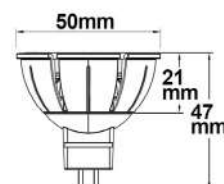
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



113573	36°	560lm
1 m	1.821 lx	Ø 0,6 m
2 m	455 lx	Ø 1,3 m
3 m	202 lx	Ø 1,9 m

Length: 47mm Dia.: 50mm


113574 | MR16 full spectrum LED spotlight 7W COB, 36°, 3000K, dimmable


4 YEAR
GUARANTEE



nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
7,55 W
580lm
3000K
98

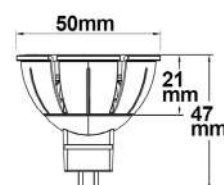
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



113574	36°	580lm
1 m	1.886 lx	Ø 0,6 m
2 m	472 lx	Ø 1,3 m
3 m	210 lx	Ø 1,9 m

Length: 47mm Dia.: 50mm


113684 | MR16 full spectrum LED spotlight 7W COB, 36°, 4000K, dimmable


4 YEAR
GUARANTEE



nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
7,55 W
600lm
4000K
98

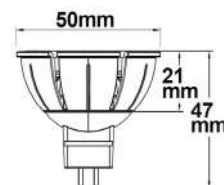
protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



113684	36°	600lm
1 m	1.951 lx	Ø 0,6 m
2 m	488 lx	Ø 1,3 m
3 m	217 lx	Ø 1,9 m

Length: 47mm Dia.: 50mm



112036 | MR16 LED spotlight 6W GLAS-COB, 70°, warm white, dimmable



nominal power
active power
lighting current
color temp.
CRI

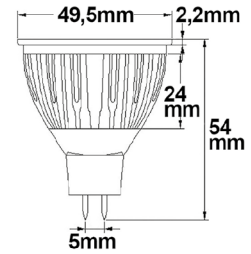
12V AC/DC
5,3 W
470lm
2700K
82

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 54mm Dia.: 49,5mm



111544 | MR16 LED spotlight 5.5W COB, 38°, warm white, dimmable



nominal power
active power
lighting current
color temp.
CRI

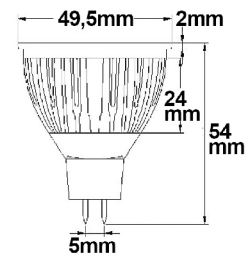
12V AC/DC
5,5 W
330lm
2700K
82

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 54mm Dia.: 49,5mm



111543 | MR16 LED spotlight 5.5W COB, 38°, cold white, dimmable

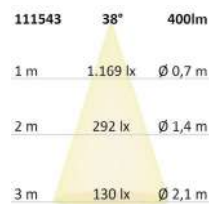


nominal power
active power
lighting current
color temp.
CRI

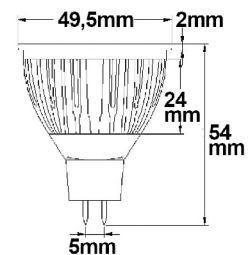
12V AC/DC
5,7 W
400lm
5000K
83

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 54mm Dia.: 49,5mm



111933 | MR16 LED spotlight 5.5W COB, 70°, warm white, dimmable



nominal power
active power
lighting current
color temp.
CRI

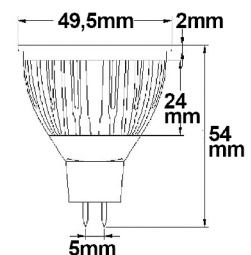
12V AC/DC
5,7 W
390lm
2700K
82

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 54mm Dia.: 49,5mm



112339 | MR16 LED Spotlight 6W Glass diffuse, 120°, warm white


nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
6,4 W
540lm
2700K
82

protection class
ambient temp.
service life

IP20
-20° - 40°
35000 h L70|B10



112339	120°	540lm
1 m	172 lx	Ø 3,5 m
2 m	43 lx	Ø 6,9 m
3 m	19 lx	Ø 10,4 m

Length: 56mm Dia.: 49,5mm


112340 | MR16 LED Spotlight 6W Glass diffuse, 120°, neutral white


nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
6,4 W
600lm
4000k
85

protection class
ambient temp.
service life

IP20
-20° - 40°
35000 h L70|B10



112340	120°	600lm
1 m	191 lx	Ø 3,5 m
2 m	48 lx	Ø 6,9 m
3 m	21 lx	Ø 10,4 m

Length: 56mm Dia.: 49,5mm



LED ILLUMINANTS
GU4-MR11





111718 | MR11 LED 2W diffuse, 120°, warm white



nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
2,2 W
200lm
3000K
80

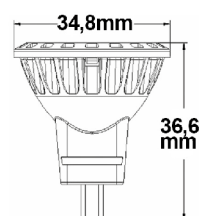
protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



Distance (m)	Beam Angle (°)	Lighting Current (lm)
1 m	120°	200lm
2 m	120°	64 lx Ø 3,5 m
3 m	120°	16 lx Ø 6,9 m
3 m	120°	7 lx Ø 10,4 m

Length: 36,6mm Dia.: 34,8mm



111716 | MR11 LED 2.5W, 30°, warm white



nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
2,6 W
210lm
3000K
82

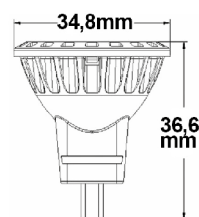
protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



Distance (m)	Beam Angle (°)	Lighting Current (lm)
1 m	30°	210lm
2 m	30°	981 lx Ø 0,5 m
2 m	30°	245 lx Ø 1,1 m
3 m	30°	109 lx Ø 1,6 m

Length: 36,6mm Dia.: 34,8mm



111807 | MR11 LED spotlight 3W COB, 38°, warm white



nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
2,5 W
220lm
2700K
82

protection class
ambient temp.
service life

IP20
-25° - 40°
30000 h L70|B10



111807	38°	220lm
1 m	643 lx	Ø 0,7 m
2 m	161 lx	Ø 1,4 m
3 m	71 lx	Ø 2,1 m

Length: 48mm Dia.: 35mm



111973 | MR11 LED 4W diffuse, 120°, warm white, dimmable



nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
3,9 W
250lm
3000K
80

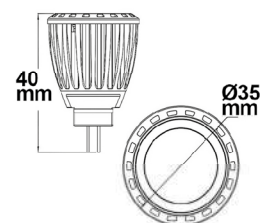
protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



111973	120°	250lm
1 m	80 lx	Ø 3,5 m
2 m	20 lx	Ø 6,9 m
3 m	9 lx	Ø 10,4 m

Length: 40mm Dia.: 35mm



111974 | MR11 LED 4W diffuse, 120°, neutral white, dimmable



nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
3,9 W
280lm
4000K
80

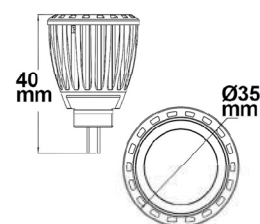
protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



111974	120°	280lm
1 m	89 lx	Ø 3,5 m
2 m	22 lx	Ø 6,9 m
3 m	10 lx	Ø 10,4 m

Length: 40mm Dia.: 35mm



LED THERMAL MANAGEMENT

ATTENTION - IMPORTANT NOTES



100 % Nominal service life with correct thermal management

1. Observe and strictly adhere to the manufacturer's specifications regarding ambient temperature limits! Also applies to switched off or stored Luminaire and illuminants.
2. Especially in closed LED Luminaire ensure enough natural air circulation (convection)!
3. Ideally, the warm air must be able to escape through an opening on the top or be dissipated via an integrated thermal bridge or a heat sink.
4. Keep the distance between lamp and housing according to the manufacturer's instructions.
5. The rear sides of integrated heat sinks must not be covered.
6. AVOID continuous direct or indirect sunlight (via reflectors such as reflective metal or glass surfaces)!

Frequent effects due to excessive ambient temperature

- » Increased flickering (subconsciously perceptible)
- » Visible flashing (consciously perceptible)
- » Audible whirring
- » Massive deterioration in color reproduction (CRI value falls)
- » Color location shift (the color temperature becomes significantly colder)
- » High inrush currents
- » Worsened dimming behaviour
- » Partial to complete failure of LED chips
- » Burnout of LED chips

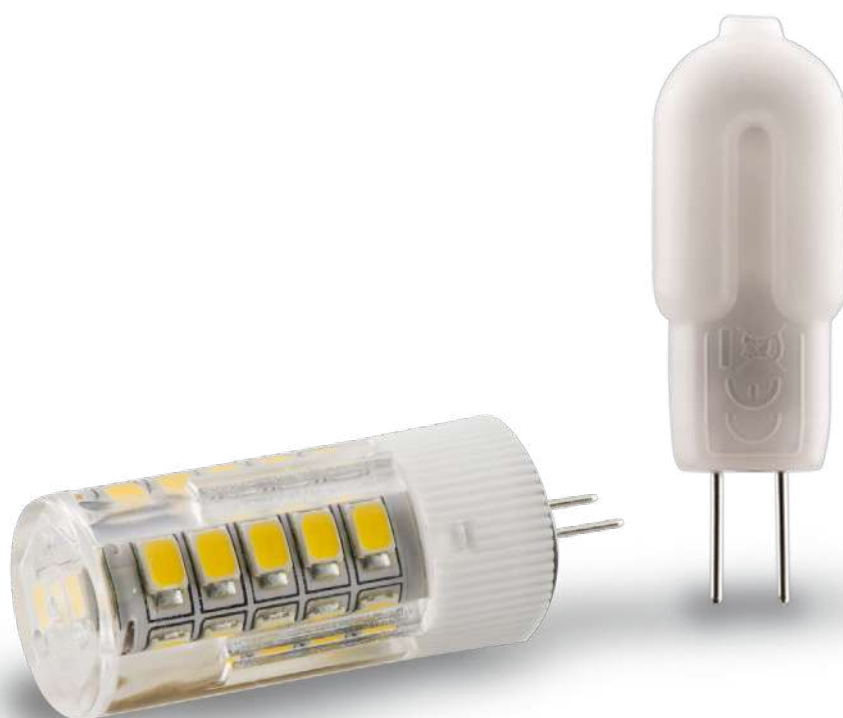
These negative effects can occur after a very short operating time.

Therefore please note our recommended ambient temperatures in the data sheets!



LED ILLUMINANTS

G4
—



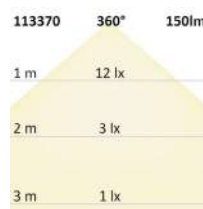
113370 | G4 LED 24SMD, 1.5W, cast, warm white


nominal power
active power
lighting current
color temp.
CRI

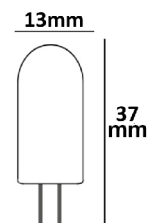
12V AC/DC
1,9 W
150lm
3000K
80

protection class
ambient temp.
service life

IP62
-20° - 35°
25000 h L70|B10



Length: 37mm Dia.: 13mm

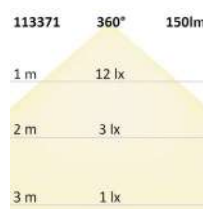

113371 | G4 LED 48SMD, 2W, encapsulated, neutral white


nominal power
active power
lighting current
color temp.
CRI

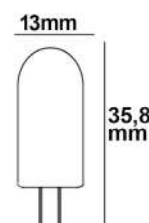
12V AC/DC
1,9 W
150lm
4000K
80

protection class
ambient temp.
service life

IP62
-20° - 35°
25000 h L70|B10



Length: 35,8mm Dia.: 13mm


112512 | G4 LED 33SMD, 3.5W, warm white


nominal power
active power
lighting current
color temp.
CRI

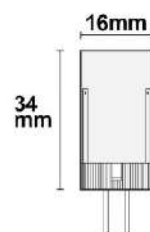
12V AC/DC
2,7 W
320lm
2700K
81

protection class
ambient temp.
service life

IP20
-20° - 35°
30000 h L70|B10



Length: 34mm Dia.: 16mm


112514 | G4 LED 33SMD, 3.5W, neutral white


nominal power
active power
lighting current
color temp.
CRI

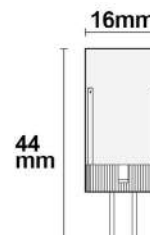
12V AC/DC
2,7 W
330lm
4200K
85

protection class
ambient temp.
service life

IP20
-20° - 35°
30000 h L70|B10



Length: 44mm Dia.: 16mm



112548 | G4 LED 1.2W, warm white

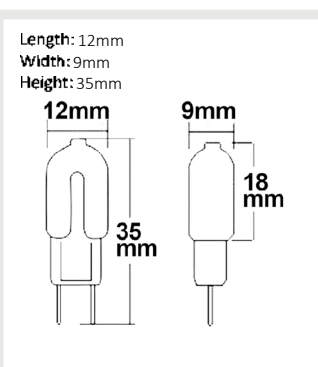
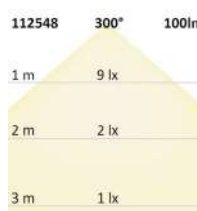


nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
1,1 W
100lm
2700K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



111977 | G4 LED 9SMD, 1.5W, warm white, pin on side

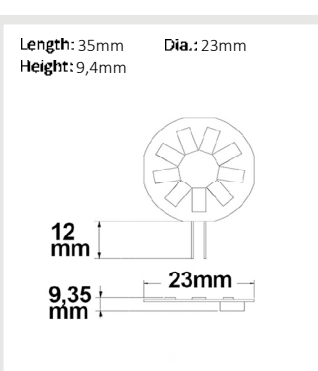


nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
1,4 W
150lm
3000K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



112329 | G4 LED 9SMD, 1.5W, neutral white, pin on side

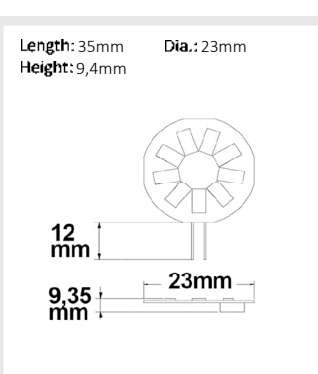


nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
1,2 W
120lm
4000K
83

protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



110072 | G4 LED 10SMD, 2W, warm white, pin on side

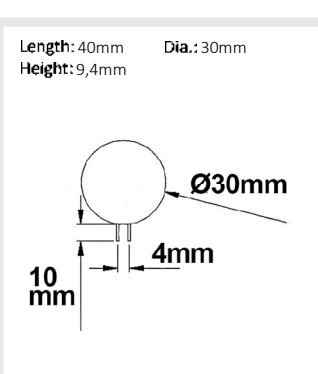
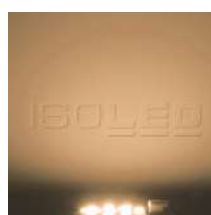


nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
1,9 W
127lm
3000K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



112330 | G4 LED 12SMD, 2W, neutral white, pin on side


nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
2 W
240lm
4200K
80

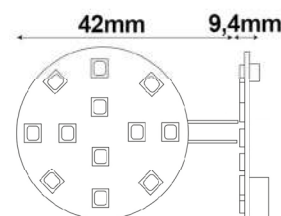
protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



	112330	120°	240lm
1 m	76 lx	Ø 3,5 m	
2 m	19 lx	Ø 6,9 m	
3 m	8 lx	Ø 10,4 m	

Length: 42mm
Height: 9,4mm
Dia.: 30mm


111978 | G4 LED 12SMD, 2W, warm white, pin on side


nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
2 W
220lm
3000K
80

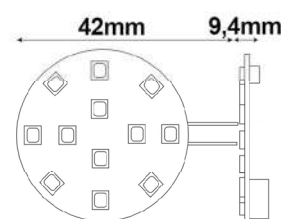
protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



	111978	120°	220lm
1 m	70 lx	Ø 3,5 m	
2 m	18 lx	Ø 6,9 m	
3 m	8 lx	Ø 10,4 m	

Length: 42mm
Height: 9,4mm
Dia.: 30mm


112331 | G4 LED 21SMD, 3W, neutral white, pin on side


nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
2,6 W
320lm
4000K
80

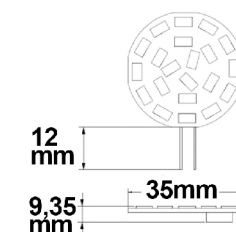
protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



	112331	120°	320lm
1 m	102 lx	Ø 3,5 m	
2 m	26 lx	Ø 6,9 m	
3 m	11 lx	Ø 10,4 m	

Length: 47mm
Height: 9,4mm
Dia.: 35mm


111979 | G4 LED 21SMD, 3W, warm white, pin on side


nominal power
active power
lighting current
color temp.
CRI

12V AC/DC
2,7 W
310lm
3000K
80

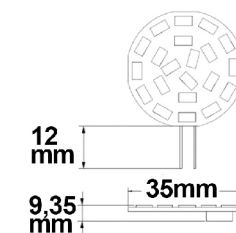
protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



	111979	120°	310lm
1 m	99 lx	Ø 3,5 m	
2 m	25 lx	Ø 6,9 m	
3 m	11 lx	Ø 10,4 m	

Length: 47mm
Height: 9,4mm
Dia.: 35mm



LED ILLUMINANTS

E27 | E40



E27
PAGE 418



E27/E40
PAGE 422

E27

115023 | E27 LED illuminant, 7W, clear, warm white, pack of 3

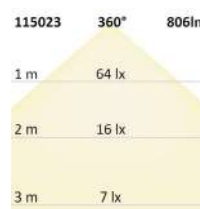


nominal power
active power
lighting current
color temp.
CRI

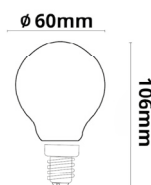
220-240V AC
7 W
806lm
2700K
80

protection class
ambient temp.
service life

IP20
0° - 40°C
25000 h L70|B10



Length: 106mm Dia.: 60mm



112443 | E27 LED Illu, 4W, CLEAR, warm white, dimmable

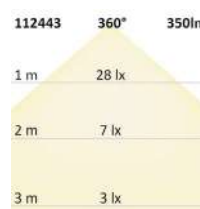


nominal power
active power
lighting current
color temp.
CRI

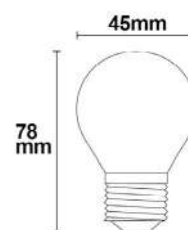
220-240V AC
4 W
350lm
2700K
83

protection class
ambient temp.
service life

IP20
-20° - 40°
20000 h L70|B10



Length: 78mm Dia.: 45mm



112444 | E27 LED Illu, 4W, milky, warm white, dimmable

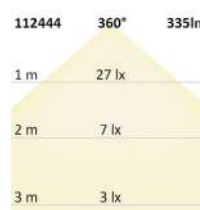


nominal power
active power
lighting current
color temp.
CRI

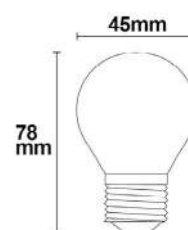
220-240V AC
3,3 W
335lm
2700K
83

protection class
ambient temp.
service life

IP20
-20° - 40°
20000 h L70|B10



Length: 78mm Dia.: 45mm



112445 | E27 LED bulb, 5W, CLEAR, warm white, dimmable

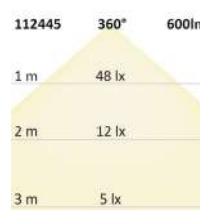


nominal power
active power
lighting current
color temp.
CRI

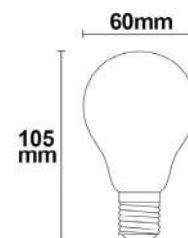
220-240V AC
5,5 W
600lm
2700K
83

protection class
ambient temp.
service life

IP20
-20° - 40°
20000 h L70|B10



Length: 105mm Dia.: 60mm



112446 | E27 LED bulb, 5W, milky, warm white, dimmable

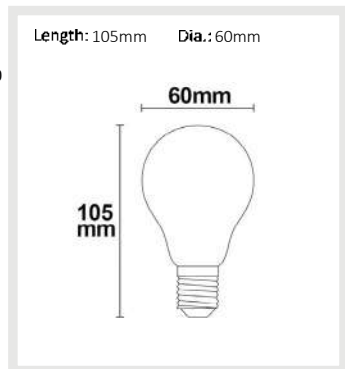
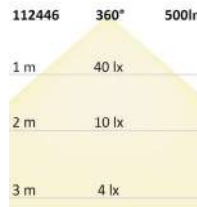


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
5,5 W
500lm
2700K
83

protection class
ambient temp.
service life

IP20
-20° - 40°
20000 h L70|B10



112447 | E27 LED bulb, 8W, CLEAR, warm white, dimmable

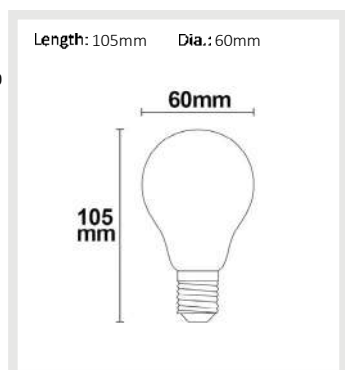
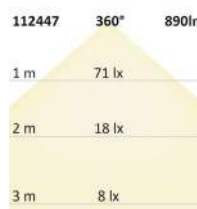


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
8,9 W
890lm
2700K
83

protection class
ambient temp.
service life

IP20
-20° - 40°
20000 h L70|B10



112448 | E27 LED bulb, 8W, milky, warm white, dimmable

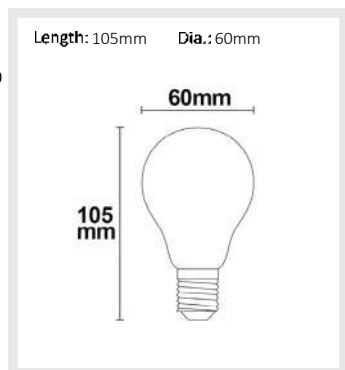
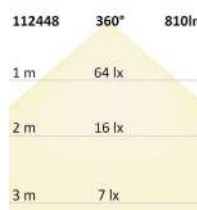


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
8,9 W
810lm
2700K
82

protection class
ambient temp.
service life

IP20
-20° - 40°
20000 h L70|B10



112607 | E27 LED bulb, 8W, milky, neutral white, dimmable

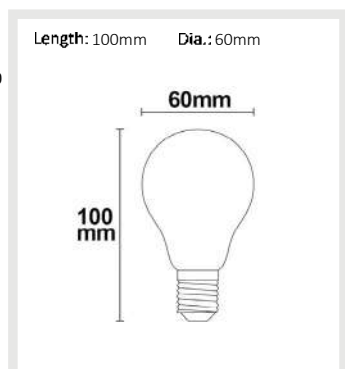
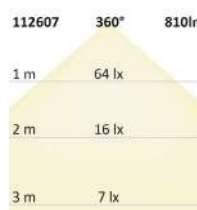


nominal power
active power
lighting current
color temp.
CRI

230V AC
8,9 W
810lm
4000K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



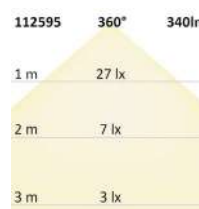
112595 | E27 LED mirror head, 4W, CLEAR, warm white


nominal power
active power
lighting current
color temp.
CRI

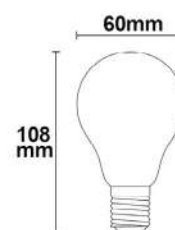
230V AC
3,5 W
340lm
2700K
82

protection class
ambient temp.
service life

IP20
-20° - 35°
40000 h L70|B10



Length: 108mm Dia.: 60mm

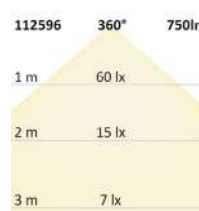

112596 | E27 LED Globe G95, 8W, 360°, milky, warm white, dimmable


nominal power
active power
lighting current
color temp.
CRI

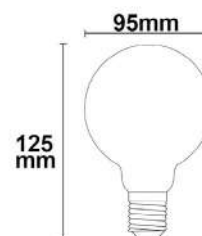
230V AC
7,4 W
750lm
2700K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 125mm Dia.: 95mm

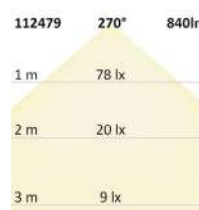
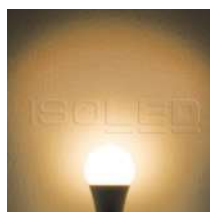

112479 | E27 LED 9W G60, 270°, white, warm white


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
9 W
840lm
3000K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
25000 h L70|B10



Length: 120mm Dia.: 60mm

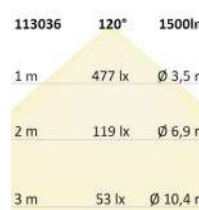

113036 | E27 LED bulb 15W G60, 240°, milky, warm white


nominal power
active power
lighting current
color temp.
CRI

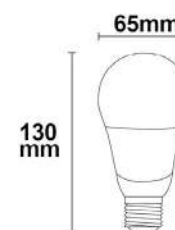
230V AC
15,6 W
1500lm
2700K
82

protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



Length: 130mm Dia.: 65mm



112250 | E27 LED Corn 11W, 360°, warm white



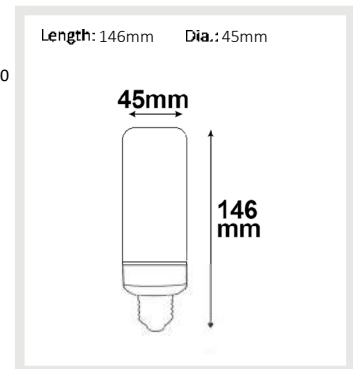
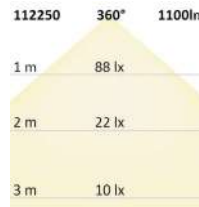
ATG **E**

nominal power
active power
lighting current
color temp.
CRI

230V AC
9,7 W
1100lm
2700K
83

protection class
ambient temp.
service life

IP40
-20° - 40°
25000 h L70|B10



113321 | E27 T45 8W, 360°, warm white, dimmable



ATG **F**

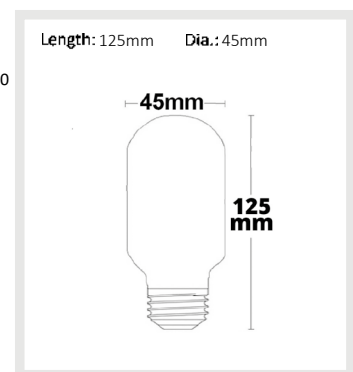
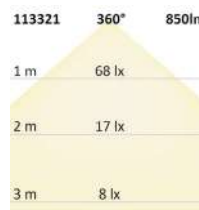


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
8 W
850lm
2700K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



113322 | E27 T45 8W 360°, neutral white, dimmable



ATG **E**

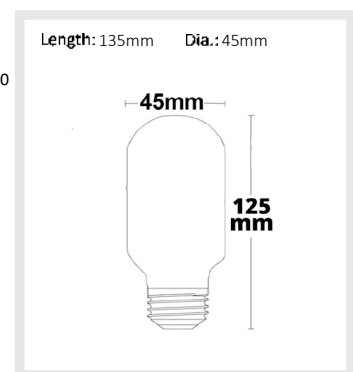
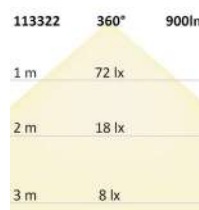


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
8 W
900lm
4000K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
30000 h L70|B10



111714 | E27 Corn light, 136SMD, 20W, 360°, warm white



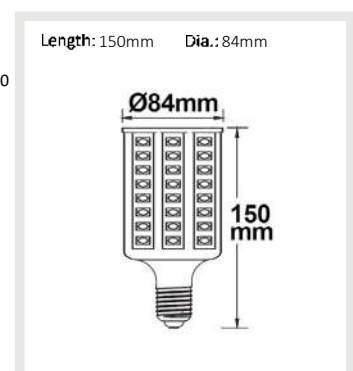
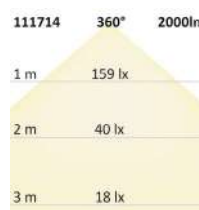
ATG **E**

nominal power
active power
lighting current
color temp.
CRI

220-240V AC
17 W
2000lm
2700K
79

protection class
ambient temp.
service life

IP20
-20° - 40°
25000 h L70|B10



E27/E40

111715 | E27 Corn light, 136SMD, 20W, 360°, cold white



nominal power
active power
lighting current
color temp.
CRI

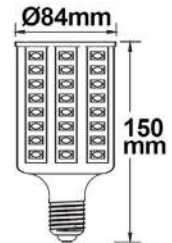
220-240V AC
17 W
2050lm
6000K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
25000 h L70|B10



Length: 150mm Dia.: 84mm



111874 | E27/E40 corn 23W, 360°, neutral white



nominal power
active power
lighting current
color temp.
CRI

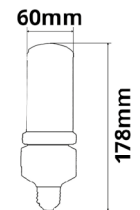
100-240V AC
22,5 W
3090lm
4200K
80

protection class
ambient temp.
service life

IP40
-20° - 40°
35000 h L70|B10



Length: 178mm Dia.: 60mm



111875 | E27/E40 corn 44W, 360°, neutral white



nominal power
active power
lighting current
color temp.
CRI

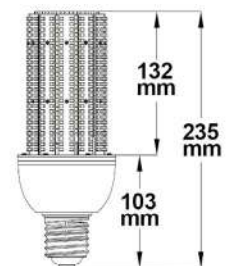
100-240V AC
42 W
5780lm
4200K
80

protection class
ambient temp.
service life

IP40
-20° - 40°
35000 h L70|B10



Length: 235mm Dia.: 90mm



111876 | E27/E40 corn 66W, 360°, neutral white



nominal power
active power
lighting current
color temp.
CRI

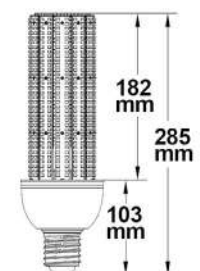
100-240V AC
63,4 W
8640lm
4200K
80

protection class
ambient temp.
service life

IP40
-20° - 40°
35000 h L70|B10



Length: 285mm Dia.: 90mm



LED ILLUMINANTS

E14
—

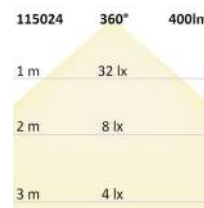


115024 | E14 LED candle, 4W, clear, warm white, 3 pack
3x

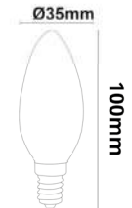
 nominal power
 active power
 lighting current
 color temp.
 CRI

220-240V AC
4 W
400lm
2700K
80

 protection class
 ambient temp.
 service life

IP20
0° - 40°C
20000 h L70|B10


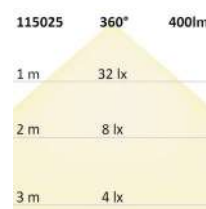
Length: 98mm Dia.: 35mm


115025 | E14 LED Illu, 4W, clear, warm white, pack of 3
3x

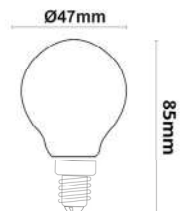
 nominal power
 active power
 lighting current
 color temp.
 CRI

220-240V AC
4 W
400lm
2700K
80

 protection class
 ambient temp.
 service life

IP20
0° - 40°C
20000 h L70|B10


Length: 78mm Dia.: 45mm


115254 | E14 LED 32SMD, 3.5W, warm white

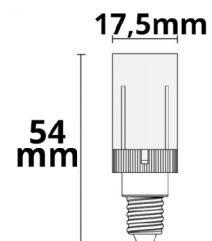
 nominal power
 active power
 lighting current
 color temp.
 CRI

230V AC
4 W
364lm
2700K
80

 protection class
 ambient temp.
 service life

IP20
-20° - 35°
30000 h L70|B10

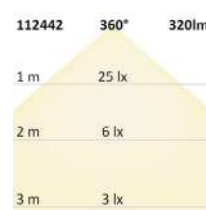

Length: 54mm Dia.: 17,5mm


112442 | E14 LED Illu, 4W, milky, warm white, dimmable

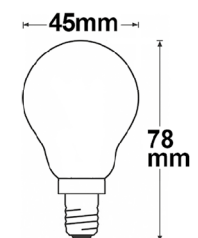
 nominal power
 active power
 lighting current
 color temp.
 CRI

220-240V AC
3,5 W
320lm
2700K
82

 protection class
 ambient temp.
 service life

IP20
-20° - 40°
20000 h L70|B10


Length: 78mm Dia.: 45mm



112441 | E14 LED Illu, 4W, CLEAR, warm white, dimmable

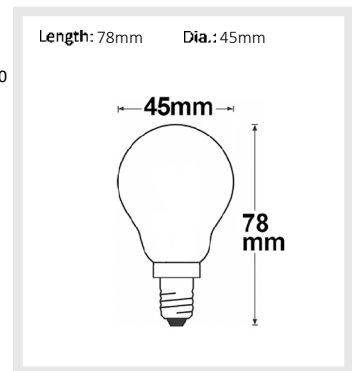
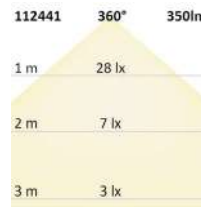


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
3,7 W
350lm
2700K
83

protection class
ambient temp.
service life

IP20
-20° - 40°
20000 h L70|B10



112604 | E14 LED Illu, 4W, CLEAR, neutral white

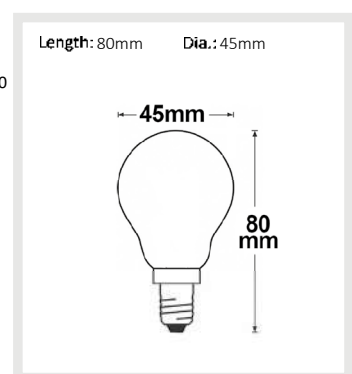
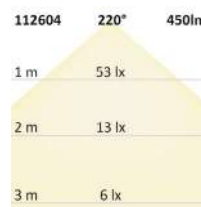


nominal power
active power
lighting current
color temp.
CRI

230V AC
3,7 W
450lm
3800K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



112437 | E14 LED candle, 2W, CLEAR, warm white, dimmable

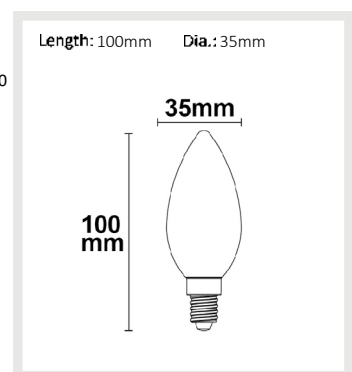
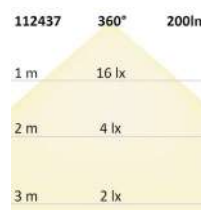


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
2,2 W
200lm
2700K
85

protection class
ambient temp.
service life

IP20
-20° - 40°
20000 h L70|B10



112439 | E14 LED candle, 2W, milky, warm white, dimmable

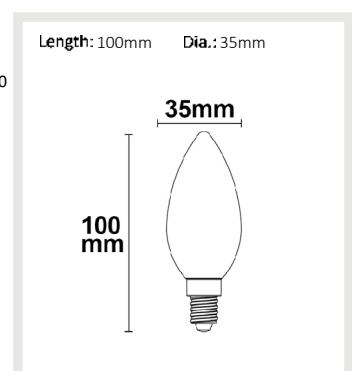
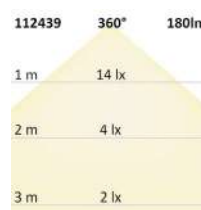
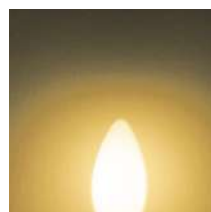


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
2,4 W
180lm
2700K
83

protection class
ambient temp.
service life

IP20
-20° - 40°
20000 h L70|B10



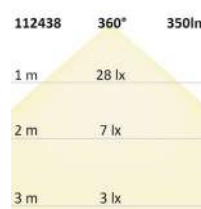
112438 | E14 LED candle, 4W, CLEAR, warm white, dimmable


nominal power
active power
lighting current
color temp.
CRI

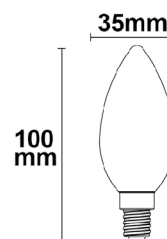
220-240V AC
3,6 W
350lm
2700K
82

protection class
ambient temp.
service life

IP20
-20° - 40°
20000 h L70|B10



Length: 100mm Dia.: 35mm

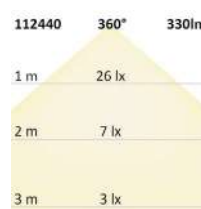

112440 | E14 LED candle, 4W, milky, warm white, dimmable


nominal power
active power
lighting current
color temp.
CRI

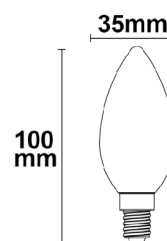
220-240V AC
3,6 W
330lm
2700K
82

protection class
ambient temp.
service life

IP20
-20° - 40°
20000 h L70|B10



Length: 100mm Dia.: 35mm


111993 | E14 R50 LED spotlight, 5W, warm white, frosted


nominal power
active power
lighting current
color temp.
CRI

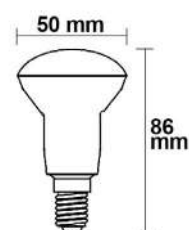
220-240V AC
5,5 W
490lm
2700K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
25000 h L70|B10



Length: 86mm Dia.: 50mm



LED ILLUMINANTS

vintage



E27 | 220-240V AC | CRI 95 | IP20

Ambient temp. : -20 ° - 40 ° | 30.000 h

**AMBER**

Ø 125 mm | H: 178 mm

Luminous flux: 130 Lm

Color temp: 2.200 K

active power 3,0 W

114168**SMOKY**

Ø 125 mm | H: 178 mm

Luminous flux: 90 Lm

Color temp: 2.200 K

active power 3,8 W

114169

E27 | 220-240V AC | CRI 95 | IP20

Ambient temp. : -20 ° - 40 ° | 30.000 h

**AMBER**

Ø 165 mm | H: 300 mm

Luminous flux: 150 Lm

Color temp: 2.200 K

active power 3,8 W

114164**SMOKY**

Ø 165 mm | H: 300 mm

Luminous flux: 110 Lm

Color temp: 2.200 K

active power 3,8 W

114165



E27 | 220-240V AC | CRI 95 | IP20

Ambient temp. : -20 ° - 40 ° | 30.000 h



AMBER

Ø 155 mm | H: 260 mm

Luminous flux: 300 Lm

Color temp: 2.200 K

active power 5,8 W

114166



SMOKY

Ø 155 mm | H: 260 mm

Luminous flux: 220 Lm

Color temp: 2.200 K

active power 5,5 W

114167



E27 | AMBER | 220-240V AC | CRI 80 | IP20

Ambient temp. : -20 ° - 40 °



Ø 45 mm | H: 135 mm

Luminous flux: 600 Lm

Color temp: 2.200 K

active power 8 W

30.000 h **A++ G**

113320



Ø 60 mm | H: 105 mm

Luminous flux: 500 Lm

Color temp: 2.200 K

active power 7,3 W

30.000 h **A++ G**

113323



Ø 64 mm | H: 140 mm

Luminous flux: 550 Lm

Color temp: 2.200 K

active power 7,3 W

30.000 h **A++ G**

113325



Ø 64 mm | H: 140 mm

Luminous flux: 720 Lm

Color temp: 2.700 K

active power 7 W

20.000 h **A+ F**

115022

E27 | 220-240V AC | CRI 90 | IP20

Ambient temp. : -20 ° - 40 ° | 30.000 h

**AMBER**

Ø 80 mm | H: 330 mm

Luminous flux: 240 Lm

Color temp: 2.200 K

active power 3,8 W

115071**SMOKY**

Ø 80 mm | H: 330 mm

Luminous flux: 120 Lm

Color temp: 2.200 K

active power 3,8 W

115072

E27 | 220-240V AC | CRI 85 | IP20

Ambient temp. : -20 ° - 40 ° | 30.000 h

**AMBER**

Ø 125 mm | H: 178 mm

Luminous flux: 200 Lm

Color temp: 2.200 K

active power 3,8 W

115078**SMOKY**

Ø 125 mm | H: 178 mm

Luminous flux: 120 Lm

Color temp: 2.200 K

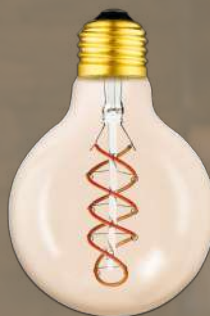
active power 3,8 W

115079



E27 | 220-240V AC | CRI 95 | IP20

Ambient temp. : -20 ° - 40 ° | 30.000 h



AMBER

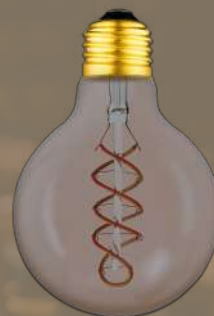
Ø 95 mm | H: 140 mm

Luminous flux: 200 Lm

Color temp: 2.200 K

active power 3,8 W

115077



SMOKY

Ø 95 mm | H: 140mm

Luminous flux: 260 Lm

Color temp: 2.200 K

active power 3,8 W

115076



E27 | AMBER | 220-240V AC | IP20

Ambient temp. : -20 ° - 40 ° | 30.000 h



AMBER | CRI 85

Ø 64 mm | H: 143 mm

Luminous flux: 200 Lm

Color temp: 2.200 K

active power 3,8 W

115075



SMOKY | CRI 90

Ø 30 mm | H: 185 mm

Luminous flux: 200 Lm

Color temp: 2.200 K

active power 3,8 W

115073

E14 | 220-240V AC | CRI 85 | IP20

Ambient temp.: -20 ° - 40 ° | 30.000 h

**AMBER**

Ø 35 mm | H: 100 mm

Luminous flux: 140 Lm

Color temp: 2.200 K

active power 3,5 W

nominal power: 120-230V AC

115074**AMBER**

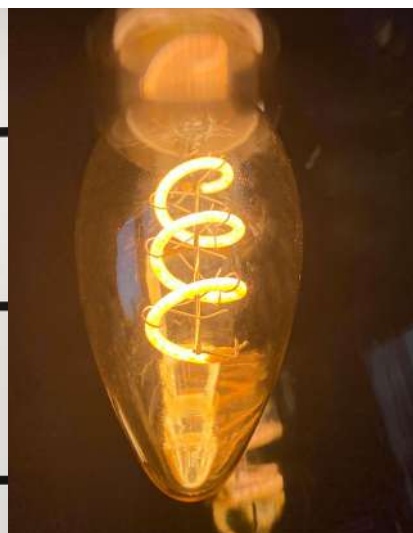
Ø 35 mm | H: 100 mm

Luminous flux: 210 Lm

Color temp: 2.200 K

active power 3,5 W

nominal power: 220-240V AC

113324

Further
pendant lumi-
naires on page
212



LED ILLUMINANTS

PAR30/38



114141 | LED PAR30, E27, 230V, 32W, 30°, warm white


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
31,8 W
3000lm
3000K
85

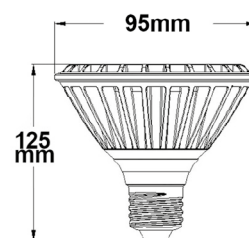
protection class
ambient temp.
service life

IP20
-20° - 35°
50000 h L70|B10



114141	30°	3000lm
2 m	3.503 lx	Ø 1,1 m
4 m	876 lx	Ø 2,1 m
8 m	219 lx	Ø 4,3 m

Length: 125mm Dia.: 95mm


114142 | LED PAR30, E27, 230V, 32W, 30°, neutral white


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
31,8 W
3000lm
4000K
85

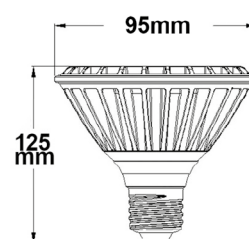
protection class
ambient temp.
service life

IP20
-20° - 35°
50000 h L70|B10



114142	30°	3000lm
2 m	3.503 lx	Ø 1,1 m
4 m	876 lx	Ø 2,1 m
8 m	219 lx	Ø 4,3 m

Length: 125mm Dia.: 95mm



LED ILLUMINANTS

G9



G9 COB



4 Watt warm white



G9 LED



2 Watt warm white

NEW

115250 | G9 LED 32SMD, 3.5W, warm white

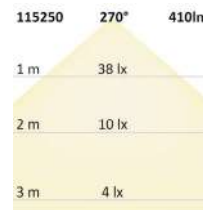
 A t G **D**

nominal power
active power
lighting current
color temp.
CRI

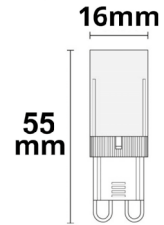
230V AC
2,7 W
410lm
3000K
80

protection class
ambient temp.
service life

IP20
-20° - 35°
30000 h L70|B10



Length: 55mm Dia.: 16mm


115251 | G9 LED 32SMD, 3.5W, neutral white

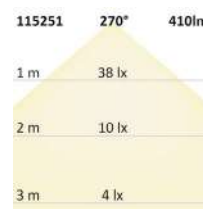
 A t G **D**

nominal power
active power
lighting current
color temp.
CRI

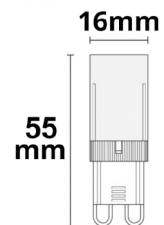
230V AC
2,7 W
410lm
4000K
80

protection class
ambient temp.
service life

IP20
-20° - 35°
30000 h L70|B10



Length: 55mm Dia.: 16mm


115252 | G9 LED 32SSMD, 5W, warm white

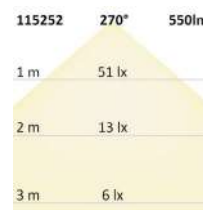
 A t G **E**

nominal power
active power
lighting current
color temp.
CRI

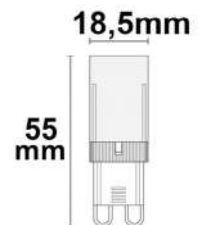
230V AC
4,8 W
550lm
3000K
80

protection class
ambient temp.
service life

IP20
-20° - 35°
30000 h L70|B10



Length: 55mm Dia.: 16mm


115253 | G9 LED 32SSMD, 5W, warm white, dimmable

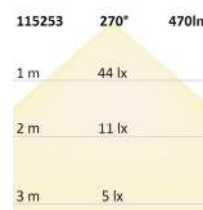
 A t G **F**


nominal power
active power
lighting current
color temp.
CRI

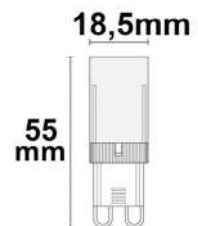
230V AC
4,8 W
470lm
3000K
80

protection class
ambient temp.
service life

IP20
-20° - 35°
30000 h L70|B10



Length: 55mm Dia.: 18,5mm



115746 | G9 COB LED 4W, warm white



nominal power
active power
lighting current
color temp.
CRI

220-240V AC
3,8 W
470lm
2700K
80

protection class
ambient temp.
service life

IP20
-20° - 35°
20000 h L70|B10



115747 | G9 LED 2W, warm white

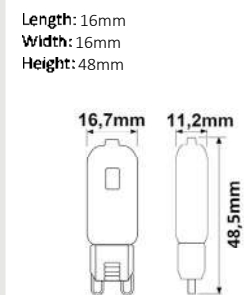


nominal power
active power
lighting current
color temp.
CRI

220-240V AC
2 W
210lm
2700K
80

protection class
ambient temp.
service life

IP20
-20° - 35°
20000 h L70|B10



112547 | G9 LED 2.5W, warm white

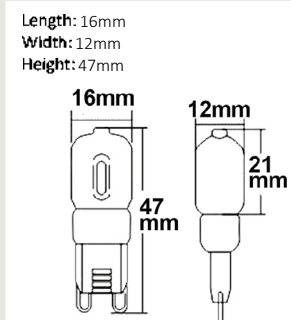


nominal power
active power
lighting current
color temp.
CRI

230V AC
2,4 W
230lm
2700K
80

protection class
ambient temp.
service life

IP20
-20° - 35°
30000 h L70|B10



ATTENTION - IMPORTANT NOTES

100 % Nominal service life with correct thermal management

1. Observe and strictly adhere to the manufacturer's specifications regarding ambient temperature limits! Also applies to switched off or stored Luminaire and illuminants.
2. Especially in closed LED Luminaire ensure enough natural air circulation (convection)!
3. Ideally, the warm air must be able to escape through an opening on the top or be dissipated via an integrated thermal bridge or a heat sink.
4. Keep the distance between lamp and housing according to the manufacturer's instructions.
5. The rear sides of integrated heat sinks must not be covered.
6. AVOID continuous direct or indirect sunlight (via reflectors such as reflective metal or glass surfaces)!



LED ILLUMINANTS

GX53



114409 | GX53 LED light 30 SMD, 6 watts, warm white


nominal power
active power
lighting current
color temp.
CRI

230V AC
6 W
700lm
3000K
80

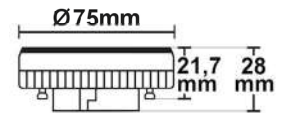
protection class
ambient temp.
service life

IP20
-20° - 40°
25000 h L70|B10



114409	120°	700lm
1 m	223 lx	Ø 3,5 m
2 m	56 lx	Ø 6,9 m
3 m	25 lx	Ø 10,4 m

Length: 28mm Dia.: 75mm


114410 | GX53 LED light 30 SMD, 6 watts, neutral white


nominal power
active power
lighting current
color temp.
CRI

230V AC
6 W
725lm
4000K
80

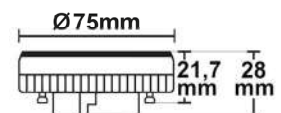
protection class
ambient temp.
service life

IP20
-20° - 40°
25000 h L70|B10



114410	120°	725lm
1 m	231 lx	Ø 3,5 m
2 m	58 lx	Ø 6,9 m
3 m	26 lx	Ø 10,4 m

Length: 28mm Dia.: 75mm


114411 | GX53 LED light 30 SMD, 6 watts, cold white


nominal power
active power
lighting current
color temp.
CRI

230V AC
6 W
725lm
6000K
80

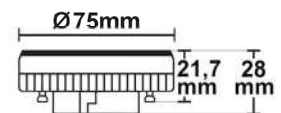
protection class
ambient temp.
service life

IP20
-20° - 40°
25000 h L70|B10



114411	120°	725lm
1 m	231 lx	Ø 3,5 m
2 m	58 lx	Ø 6,9 m
3 m	26 lx	Ø 10,4 m

Length: 28mm Dia.: 75mm



LED ILLUMINANTS

R7s



The glass cover in the picture above the R7S bar, which is still installed in most R7S lights, can be omitted when using LED technology.

If the glass cover is not inserted, the heat of the LED bulb can be emitted much better into the environment. This benefits the lifespan of the LEDs.

Annotation:

Halogen-filament R7S bulbs became very hot and tended to rupture after a period of use. For this reason, the glass cover was indispensable as protection against contact and splinters. With LED lights this is no longer necessary.



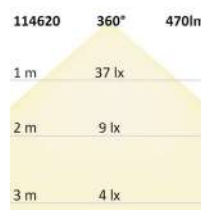
114620 | R7s LED rod SLIM, 6W, L: 78mm, dimmable, warm white


nominal power
active power
lighting current
color temp.
CRI

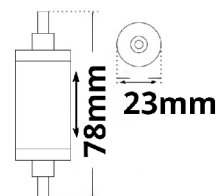
230V AC
6,9 W
470lm
3000K
80

protection class
ambient temp.
service life

IP20
-20° - 35°
40000 h L70|B10



Length: 78mm Dia.: 23mm

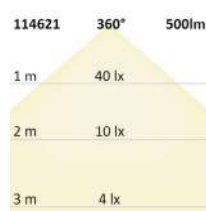

114621 | R7s LED rod SLIM, 6W, L: 78mm, dimmable, neutral white


nominal power
active power
lighting current
color temp.
CRI

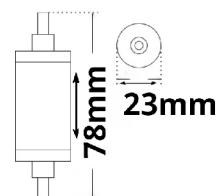
230V AC
6,9 W
500lm
4000K
80

protection class
ambient temp.
service life

IP20
-20° - 35°
40000 h L70|B10



Length: 78mm Dia.: 23mm


114622 | R7s LED rod SLIM, 10W, L: 118mm, dimmable, warm white


nominal power
active power
lighting current
color temp.
CRI

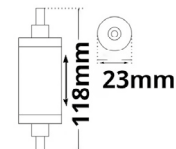
230V AC
10,9 W
740lm
3000K
80

protection class
ambient temp.
service life

IP20
-20° - 35°
40000 h L70|B10



Length: 118mm Dia.: 23mm

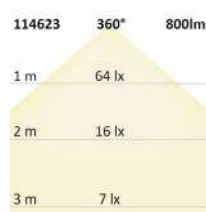

114623 | R7s LED rod SLIM, 10W, L: 118mm, dimmable, neutral white


nominal power
active power
lighting current
color temp.
CRI

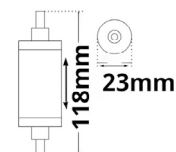
230V AC
10 W
800lm
4000K
80

protection class
ambient temp.
service life

IP20
-20° - 35°
40000 h L70|B10



Length: 118mm Dia.: 23mm



LED ILLUMINANTS

AR111/ES111



111810 | AR111 G53 spot, 11W, 30°, warm white

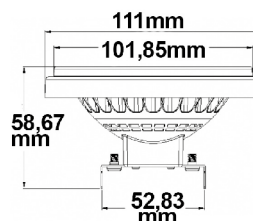

nominal power **12V DC**
 active power **11 W**
 lighting current **900lm**
 color temp. **3000K**
 CRI **83**

protection class **IP20**
 ambient temp. **-20° - 40°**
 service life **30000 h L70|B10**



111810	30°	900lm
1 m	4.204 lx	Ø 0,5 m
2 m	1.051 lx	Ø 1,1 m
3 m	467 lx	Ø 1,6 m

Length: 58,7mm Dia.: 111mm
 rec. depth: 58,67mm


111811 | AR111 G53 spot, 11W, 30°, neutral white

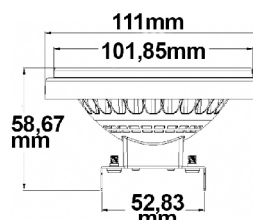

nominal power **12V DC**
 active power **11 W**
 lighting current **1010lm**
 color temp. **4000K**
 CRI **82**

protection class **IP20**
 ambient temp. **-20° - 40°**
 service life **30000 h L70|B10**



111811	30°	1010lm
1 m	4.718 lx	Ø 0,5 m
2 m	1.180 lx	Ø 1,1 m
3 m	524 lx	Ø 1,6 m

Length: 58,7mm Dia.: 111mm
 rec. depth: 58,67mm


112282 | ES111 GU10 COB spot, 13W, 75°, warm white

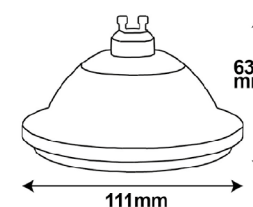

nominal power **100-250V AC**
 active power **13,4 W**
 lighting current **1050lm**
 color temp. **2700K**
 CRI **82**

protection class **IP20**
 ambient temp. **-20° - 40°**
 service life **25000 h L70|B10**



112282	75°	1050lm
1 m	809 lx	Ø 1,5 m
2 m	202 lx	Ø 3,1 m
3 m	90 lx	Ø 4,6 m

Length: 63,5mm Dia.: 111mm


112283 | ES111 GU10 COB spot, 13W, 75°, neutral white

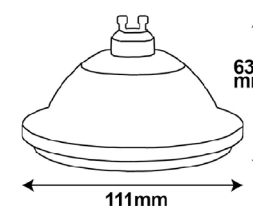

nominal power **100-250V AC**
 active power **13,4 W**
 lighting current **1400lm**
 color temp. **4200K**
 CRI **82**

protection class **IP20**
 ambient temp. **-20° - 40°**
 service life **25000 h L70|B10**



112283	75°	1400lm
1 m	1.078 lx	Ø 1,5 m
2 m	270 lx	Ø 3,1 m
3 m	120 lx	Ø 4,6 m

Length: 63,5mm Dia.: 111mm



112284 | AR111 G53 COB spot, 15W, 75°, warm white



nominal power
active power
lighting current
color temp.
CRI

12V DC
15,7 W
1020lm
2700K
84

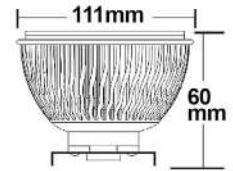
protection class
ambient temp.
service life

IP20
-20° - 40°
25000 h L70|B10



112284	75°	1020lm
1 m	786 lx	Ø 1,5 m
2 m	197 lx	Ø 3,1 m
3 m	87 lx	Ø 4,6 m

Length: 60mm Dia.: 111mm



112285 | AR111 G53 COB spot, 15W, 75°, neutral white



nominal power
active power
lighting current
color temp.
CRI

12V DC
15,7 W
1400lm
4000K
80

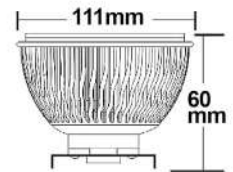
protection class
ambient temp.
service life

IP20
-20° - 40°
25000 h L70|B10



112285	75°	1400lm
1 m	1.078 lx	Ø 1,5 m
2 m	270 lx	Ø 3,1 m
3 m	120 lx	Ø 4,6 m

Length: 60mm Dia.: 111mm





Independent car workshop



multi-storey car park



Service room

Innovative sustainability for business and industry

HOMOGENOUS LIGHT QUALITY | STRUCTURE-FRIENDLY MOUNTING

"Excellent advice and support from the field service, always available and fast transmission of offers. Perfect, thank you keep up the good work."

Feedback from customer survey 2022

LED TUBES T8

CUSTOMISED LIGHT SOLUTIONS



PAGE 448

LED tubes conventional ballast
compatible



PAGE 451

LED tubes with cable

LED tubes conventional ballast compatible

DELIVERY INCLUDING STARTER BRIDGE

113317 | T8 LED tube Nano+, 60cm, 9W, cold white

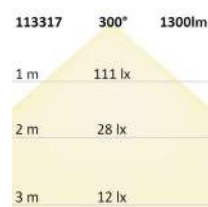


nominal power
active power
lighting current
color temp.
CRI

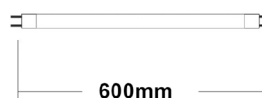
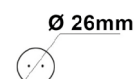
100-260V AC
9,5 W
1300lm
6000K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 600mm Dia.: 26mm



113318 | T8 LED tube Nano+, 60cm, 9W, neutral white

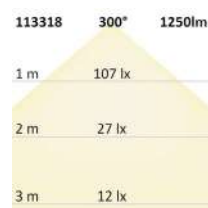


nominal power
active power
lighting current
color temp.
CRI

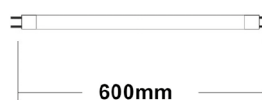
100-260V AC
9,5 W
1250lm
4000K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 600mm Dia.: 26mm



113319 | T8 LED tube Nano+, 60cm, 9W, warm white

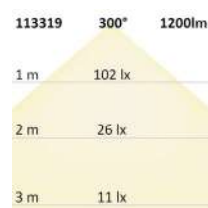


nominal power
active power
lighting current
color temp.
CRI

100-260V AC
9,5 W
1200lm
3000K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 600mm Dia.: 26mm



113314 | T8 LED tube Nano+, 120cm, 18W, cold white

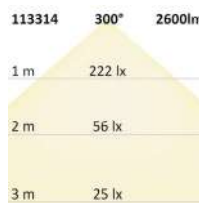


nominal power
active power
lighting current
color temp.
CRI

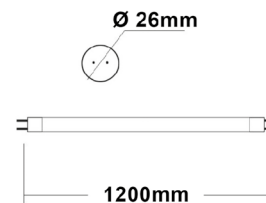
100-260V AC
17,2 W
2600lm
6000K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 1200mm Dia.: 26mm



3 YEAR GUARANTEE

113315 | T8 LED tube Nano+, 120cm, 18W, neutral white



nominal power
active power
lighting current
color temp.
CRI

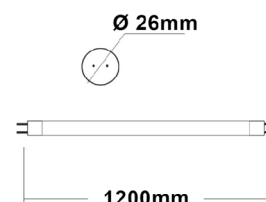
100-260V AC
17,2 W
2550lm
4000K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 1200mm Dia.: 26mm



3 YEAR GUARANTEE

113316 | T8 LED tube Nano+, 120cm, 18W, warm white



nominal power
active power
lighting current
color temp.
CRI

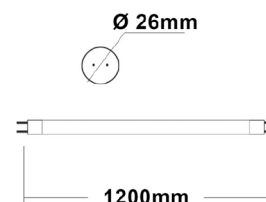
100-260V AC
17,2 W
2500lm
3000K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 1200mm Dia.: 26mm



3 YEAR GUARANTEE

113287 | Bracket for T8 tubes 120cm, cabled, without VG



nominal power

0-260V AC

protection class
ambient temp.

IP20
0° - 40°C

Length: 1235mm
Width: 50mm
Height: 40mm



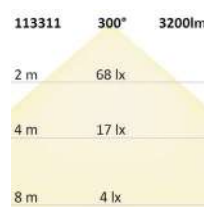
113311 | T8 LED tube Nano+, 150cm, 22W, cold white


nominal power
active power
lighting current
color temp.
CRI

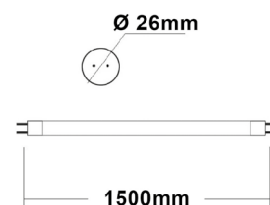
100-260V AC
22,8 W
3200lm
6000K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
50000 h L70|B10



Length: 1500mm Dia.: 26mm


113312 | T8 LED tube Nano+, 150cm, 22W, neutral white


nominal power
active power
lighting current
color temp.
CRI

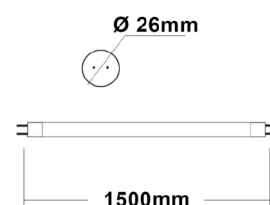
100-260V AC
22,8 W
3150lm
4000K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 1500mm Dia.: 26mm

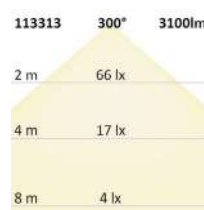

113313 | T8 LED tube Nano+, 150cm, 22W, warm white


nominal power
active power
lighting current
color temp.
CRI

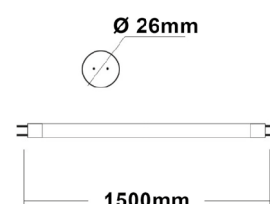
100-260V AC
22,8 W
3100lm
3000K
80

protection class
ambient temp.
service life

IP20
-20° - 40°
40000 h L70|B10



Length: 1500mm Dia.: 26mm


113288 | Bracket for T8 tubes 150cm, cabled, without VG

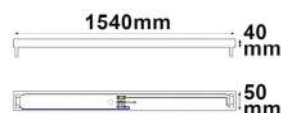

nominal power

0-260V AC

protection class
ambient temp.

IP20
0° - 40°C

Length: 1500mm
Width: 50mm
Height: 40mm



LED tubes with cable

114124 | T8 LED tube, 120cm, 22W, Highline+, cold white, frosted



nominal power
active power
lighting current
color temp.
CRI

230V AC
22 W
2800lm
6000K
82

protection class
ambient temp.
service life

IP42
-20° - 40°
50000 h L70|B10

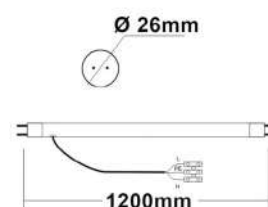


4 YEAR
GUARANTEE



114124	120°	2800lm
1 m	891 lx	Ø 3,5 m
2 m	223 lx	Ø 6,9 m
3 m	99 lx	Ø 10,4 m

Length: 1200mm Dia.: 26mm



114123 | T8 LED tube, 120cm, 22W, Highline+, neutral white, frosted



nominal power
active power
lighting current
color temp.
CRI

230V AC
22 W
2800lm
4000K
82

protection class
ambient temp.
service life

IP42
-20° - 40°
50000 h L70|B10

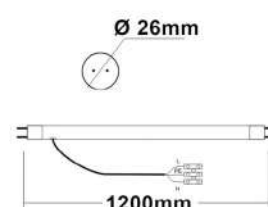


4 YEAR
GUARANTEE



114123	120°	2800lm
1 m	891 lx	Ø 3,5 m
2 m	223 lx	Ø 6,9 m
3 m	99 lx	Ø 10,4 m

Length: 1200mm Dia.: 26mm



114122 | T8 LED tube, 120cm, 22W, Highline+, warm white, frosted



nominal power
active power
lighting current
color temp.
CRI

230V AC
22 W
2700lm
3000K
82

protection class
ambient temp.
service life

IP42
-20° - 40°
50000 h L70|B10

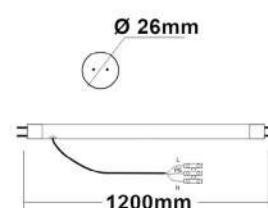


4 YEAR
GUARANTEE



114122	120°	2700lm
1 m	859 lx	Ø 3,5 m
2 m	215 lx	Ø 6,9 m
3 m	95 lx	Ø 10,4 m

Length: 1200mm Dia.: 26mm



114127 | T8 LED tube, 150cm, 33W, Highline+, cold white, frosted


nominal power
active power
lighting current
color temp.
CRI

230V AC
33 W
4300lm
6000K
82

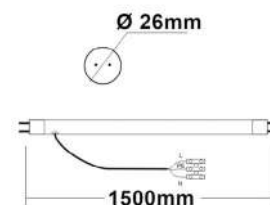
protection class
ambient temp.
service life

IP42
-20° - 40°
50000 h L70|B10



	114127	120°	4300lm
2 m	342 lx	Ø 6,9 m	
4 m	86 lx	Ø 13,9 m	
8 m	21 lx	Ø 27,7 m	

Length: 1500mm Dia.: 26mm


114126 | T8 LED tube, 150cm, 33W, Highline+, neutral white, frosted


nominal power
active power
lighting current
color temp.
CRI

230V AC
33 W
4300lm
4000K
82

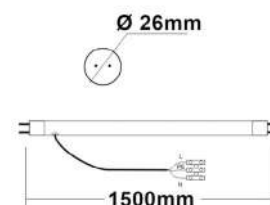
protection class
ambient temp.
service life

IP42
-20° - 40°
50000 h L70|B10



	114126	120°	4300lm
2 m	342 lx	Ø 6,9 m	
4 m	86 lx	Ø 13,9 m	
8 m	21 lx	Ø 27,7 m	

Length: 1500mm Dia.: 26mm


114125 | T8 LED tube, 150cm, 33W, Highline+, warm white, frosted


nominal power
active power
lighting current
color temp.
CRI

230V AC
33 W
4200lm
3000K
82

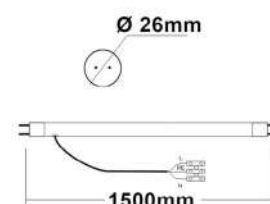
protection class
ambient temp.
service life

IP42
-20° - 40°
50000 h L70|B10



	114125	120°	4200lm
2 m	334 lx	Ø 6,9 m	
4 m	84 lx	Ø 13,9 m	
8 m	21 lx	Ø 27,7 m	

Length: 1500mm Dia.: 26mm


111954

Installation clip chrome for T8 tubes


112384

Suspension accessory (2 pcs.) for T8 tubes with ceiling screwing incl. Steel cables 1,5m and clips





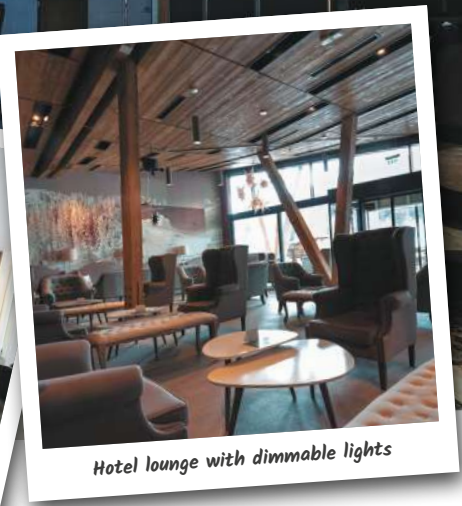
LED tubes with cable



Hotel lobby/bar



Zone-controlled surface mounted lights
and recessed luminaires



Hotel lounge with dimmable lights

Intelligent technology for sustainable efficiency improvement with smart LED lighting concepts

"Handling, accessibility and advice TOP."

Feedback from customer survey 2022

LED CONTROLLER

CUSTOMISED LIGHT SOLUTIONS



PAGE 459

Signal converters



PAGE 463

DALI controls and controllers



PAGE 473

LED dimmer



PAGE 477

LED controller



PAGE 479

Mini controllers



PAGE 481

SYS-PRO series



PAGE 491

SYS-ONE series



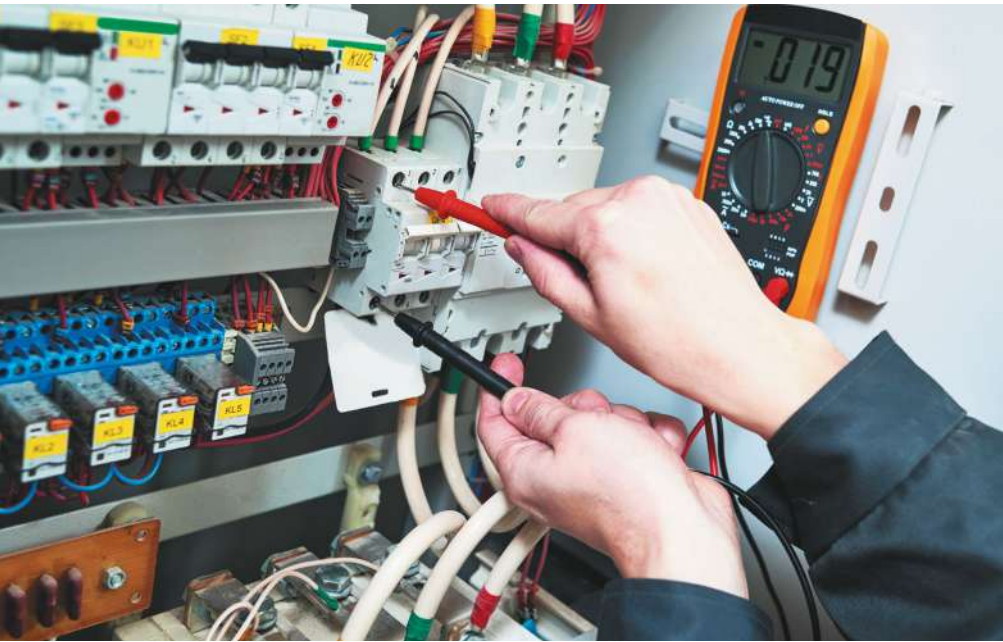
PAGE 497

ZIGBEE controllers



PAGE 499

LED sensors



COMMUNICATION STANDARD FOR BUILDING AUTOMATION

KNX

KNX is the successor standard of EIB (European Installation Bus).

Operational lighting devices, sensors, roller shutter doors, door openers, heating controls, buttons and so on with the corresponding interface have their parameters set and are coupled together with the aid of an ETS (engineering tool software) by the electrical installation technician carrying out the work.

The bidirectional communication and signal transmission is gene-

rally done via a separate, four-pole shielded KNX sheathed cable which is laid in a delta or tree circuit. The operating conditions of the individual devices (max. 256 address in a line) are now often presented in a visualisation on a touchscreen, with the option for simple interaction.

DALI

A DALI signal is very frequently used for simple and uncomplicated control of lighting and lighting scenes in building controls.

Devices with a DALI interface (mainly limited to light operating devices, sensors and buttons for lighting applications), are assigned unique DALI short addresses (up to 64 per line), which are used by the DALI control unit to query the status of the lights and operating devices (bidirectional communication) and set the desired operating condition.

An advantage of the DALI standard is that for signal transmission for example two conductors within a 5-pole sheathed cable can be used, i.e. The insulated but unshielded signal cable can be located in parallel next to a current-carrying cable without worrying about the communication being disrupted by unavoidable induced voltages. This significantly simplifies the building installation and cabling.

The DALI control signal itself comes from a corresponding gateway (this is usually a KNX to DALI coupler/signal converter) or a standalone push button or control device. The dimming behaviour (linear or algorithmic) as well as the PowerOn behaviour and soon of an operating device, if required can have its parameters set directly to those on a DALI interface with the aid of a so-called DALI USB mouse and corresponding software.

0 / 1-10V CONTROL SIGNAL

KNX and DALI have a digital voltage signal, with 0/1-10V an analogue or pulse-modulated unidirectional control voltage via a two-pole cable installed in a delta, tree or ring-shaped configuration (max. 60 metres)

Operating devices with a 1-10V control signal input are generally significantly more cost-effective than those with a KNX or DALI input. Professionals often take advantage of this as follows: Multiple operating devices with 1-10V control signal input on a lighting circuit are combined and a DALI provided upstream on a 1-10V signal converter. In this way, this group is controlled via a common DALI address and controlled/ dimmed; it is generally very unusual to need to control individual lights.

A 0-10 V control signal can be provided by a motion sensor with a corresponding signal output, with the lighting controlled e.g. only being activated in the presence of persons, and additionally being dynamically adjusted to the ambient light level (daylight control).

It must be mentioned that the disadvantage of a 0/1-10V control signal is that if the signal cable is laid parallel to cables carrying voltages and with the use of an unshielded control cable, induced voltages and therefore changes in signal condition could arise. Also with this signal it is also not essential to switch off each individual light or a lighting unit, but instead often just "dimming". In this case the light must be switched on and off via a separate 230V relay. Despite all of this the lighting control method with this signal provides the best ratio of costs to benefit.

PUSH INPUT

In addition to a radio, DALI or 1-10V control signal, many dimming actuators and transformers in our range can also be operated via a push-input or an additional connection contact. This is always a closing contact of a returning pushbutton switch.

If the option and selection is available, for lighting control we always recommend a light operating device with one of the control signal interfaces mentioned above, in preference to a dimmer unit placed upstream (primary side) or after the transformer (secondary side). This already allows possible undesirable accompanying effects to be eliminated upfront, such as flickering or transformer buzzing due to incompatibilities of the devices used.





LED CONTROLLER

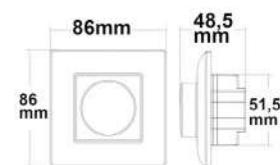
Signal converters



114546 | Sys-Pro 1 zone built-in rotary knob radio dimmer with 0/1-10V output, 350W switching relay, 85-265V

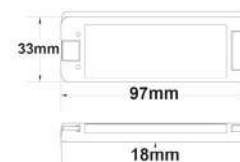

nominal power **85-265V AC** protection class **IP20**
 ambient temp. **-30° - 55°**

Length: 86mm rec. depth: 35mm
 Width: 86mm
 Height: 48,5mm


114463 | 0/1-10V Input PWM controller, 1 channel, 5-36V DC 8A, 48V DC 4A

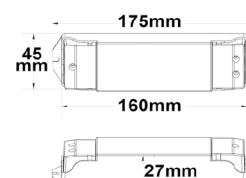

nominal power **5-48V DC** protection class **IP20**
 ambient temp. **-30° - 55°**

Length: 97mm
 Width: 33mm
 Height: 18mm


114464 | Sys-Pro 1xpush/4x1-10V input PWM dimmer, 4 channel, 12-36V DC 4x5A

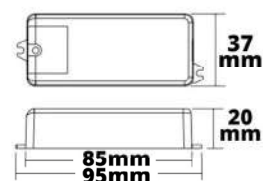

nominal power **12-36V DC** protection class **IP20**
 ambient temp. **-30° - 55°**

Length: 175mm
 Width: 45mm
 Height: 27mm


115063 | ZIGBEE to DALI DT6/DT8 or 0/1-10V signal converter + 5A switching relay, 110-240V AC


nominal power **100-240V AC** protection class **IP20**
 ambient temp. **-20° - 50°**

Length: 95mm
 Width: 37mm
 Height: 20mm

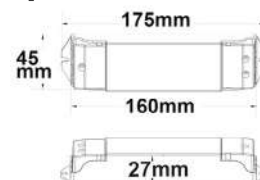


114431 | Phase angle (40-230V)/Push input signal to PWM controller, 1 channel, 12-48V DC 15A

nominal power **12-48V DC** protection class **IP20**
ambient temp. **-30° - 55°**



Length: 175mm
Width: 45mm
Height: 27mm

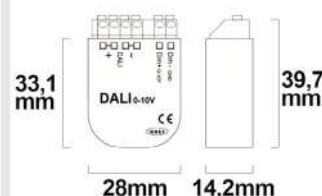


113551 | DALI to 0-10V/1-10V signal converter

protection class **IP20**
ambient temp. **-20° - 50°**



Length: 39,7mm
Width: 28mm
Height: 14,2mm

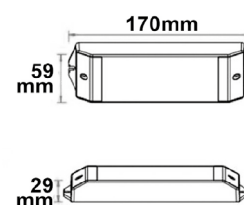


112623 | DMX512 RDM 8/16 bit decoder, 1-5 channel, 12-36V 5x5A, 48V 5x1.5A

nominal power **12-48V DC** protection class **IP20**
ambient temp. **-20° - 40°**



Length: 170mm
Width: 59mm
Height: 29mm

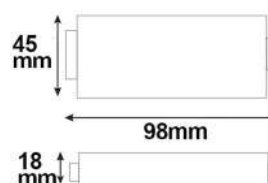


111632 | Mini RGB (PWM) amplifier, 3 channel, 12-24V DC, 3x4A

nominal power **12-24V DC** protection class **IP20**
ambient temp. **-20° - 40°**



Length: 98mm
Width: 45mm
Height: 18mm





LED CONTROLLER

DALI controller



DALI-2 Interface Bluetooth
Extension of the range



DALI to TRIAC signal
converter type B
Item no. 115807

NEW



INTELLIGENT LIGHT CONTROL WITH DALI



DALI SingleColor and RGB wall control elements as a stand-alone control unit for DALI components (addressing individual or group addresses and scenes)



NEW
DALI bus supply



NEW DALI Motion Detector (StandAlone Application Controller)



NEW
DALI RealTime Clock with Astro function



NEW
DALI HCL daily scene controller for biodynamic light control



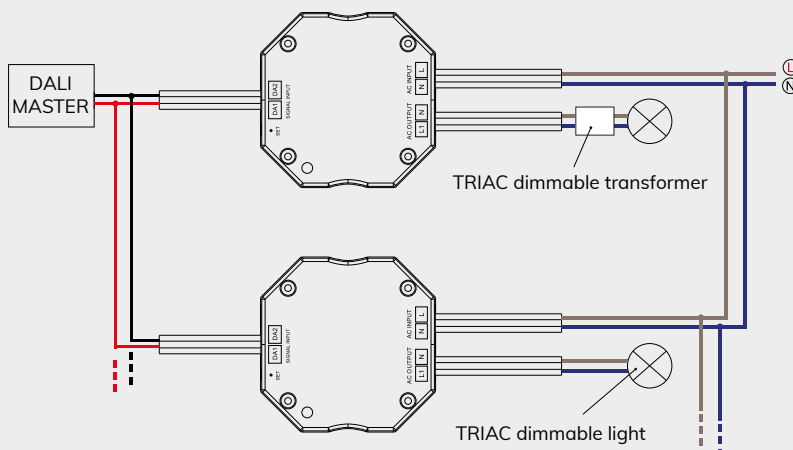
NEW
DALI dimmer for dimmable 230V luminaires and transformers



DALI DT6/DT8 PWM controller



DALI signal converter (0/1-10V, TRIAC)



Give your TRIAC dimmable product an "upgrade" and control it conveniently via DALI with our upstream

115807 DALI phase cut-off dimmer for dimmable 230V LED luminaires/transformers

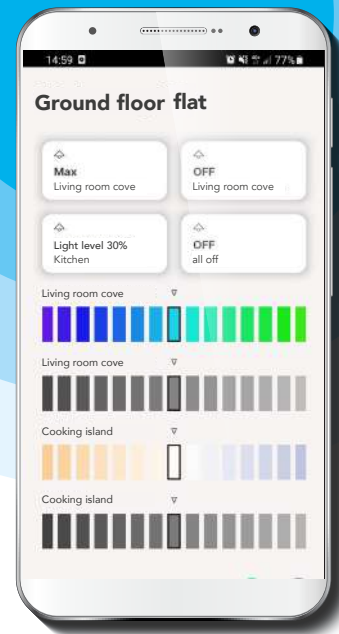
Less expensive than a DALI driver!

1 DALI address/factory setting DALI group 0 | Configurable (Min-Max, dimming curve, ...) e.g. via 115514 DALI Interface Bluetooth | dims one or more dimmable lamps or operating devices (transformers) in the trailing edge up to an output of 200VA | Minimum brightness adjustable | Standby consumption <0.3W | 100-240V AC | IP20, 3 year warranty | 15 cm long connection cable | self-resetting overload and overheating protection | small form (52x52x27mm)

Easy DALI programming via smartphone with our DALI-2 Interface Bluetooth Controller

ITEM NO. 115514

NEW



iOS and Android app for smartphones
and tablets



fully automatic finding
and addressing



intuitive configuration
and setting



Control interface for
commissioning engineers
to test the parameterization



Setting up jobs for automated
light control

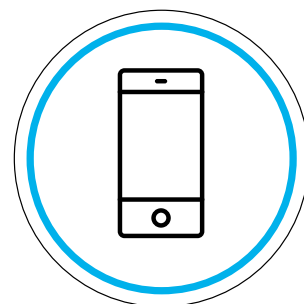
MOBILE APP

INTERFACE BETWEEN BLUETOOTH 5.0 AND DALI

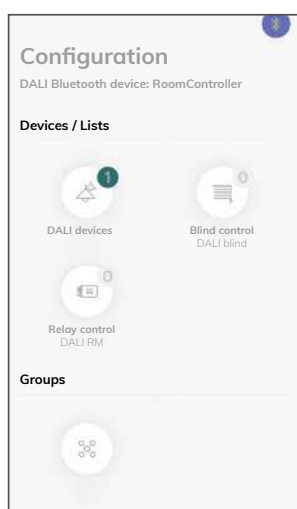
Up to 64 DALI operating devices and 16 groups can be individually addressed in a DALI bus line

DALI bus voltage: 12V-22.5V (typical 16V) DALI system

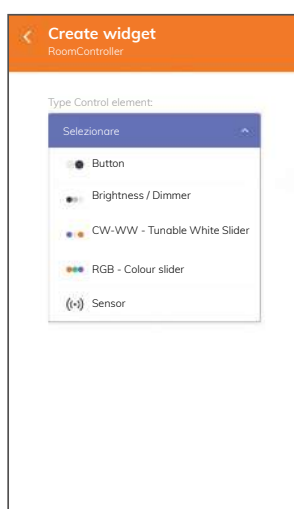
current: <250mA



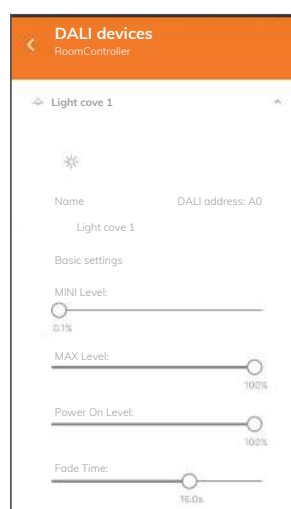
**LENGTH OF THE CONTROL LINE UP TO
300 METER (AT 1.5 MM2 CONDUCTOR CROSS-SECTION)**



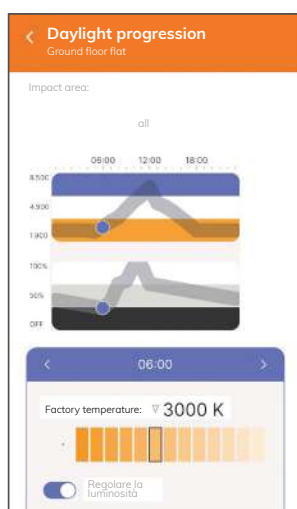
Configuration of new components



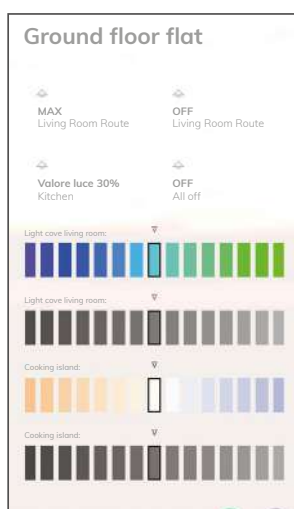
Select the type of operating element/control function



Setting the components



HCL Daily scene

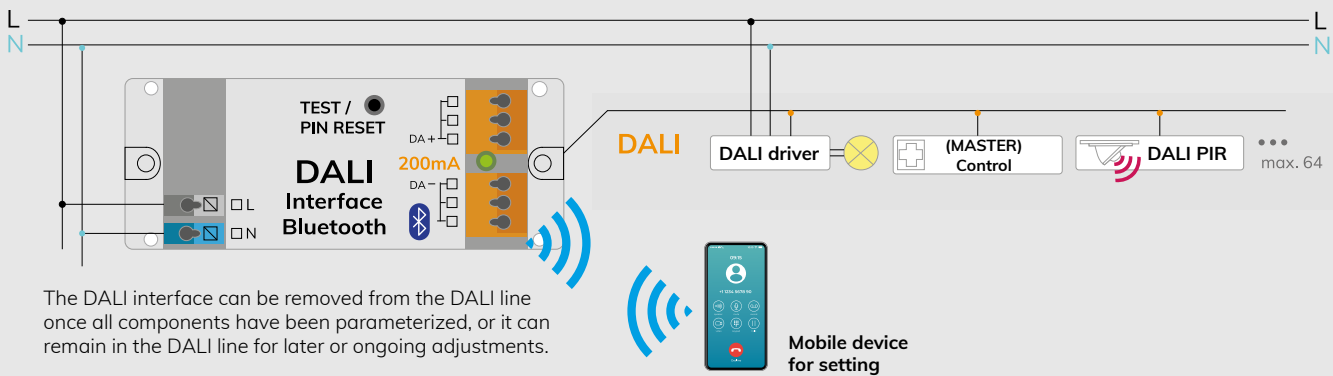


Test surface



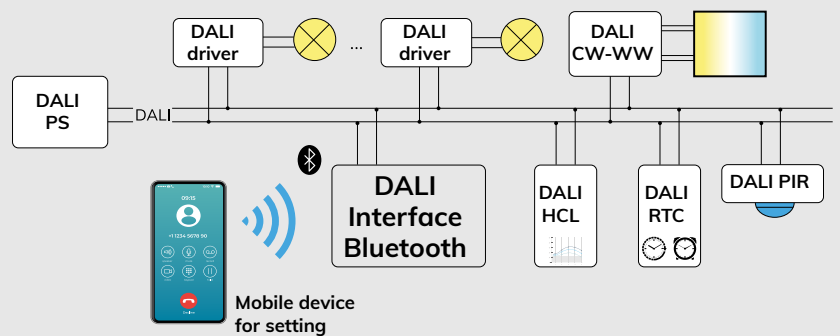
EXAMPLES OF USE

Typical use of the DALI interface



EXAMPLES OF USE

Fully automatic, presence and day scene controlled lighting control

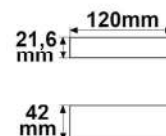


115514 | DALI-2 Interface Bluetooth 5.0 Controller incl. App, 100-240V AC

nominal power 100-240V AC protection class IP20
ambient temp. -20° - 50°



Length: 120mm
Width: 42mm
Height: 21,6mm



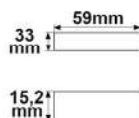
NET PRICE ITEM

No further discount possible

115515 | DALI HCL Day progression controller, supply via DALI bus voltage



Length: 59mm
Width: 33mm
Height: 15,2mm



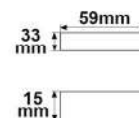
Length: 59mm
Width: 33mm
Height: 15mm



115516 | DALI timer with astro function, supply via DALI bus voltage



Length: 59mm
Width: 33mm
Height: 15mm

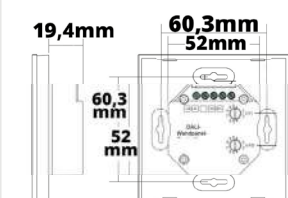


115060 | DALI 4 addresses built-in touch master dimmer, black, supply via DALI bus voltage


protection class **IP20**
 ambient temp. **-20° - 50°**



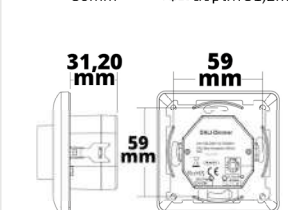
Length: 86mm
 Width: 86mm
 Height: 43,5mm


115062 | DALI 1 group built-in rotary master dimmer, white, 100-240V AC / DALI bus voltage


nominal power **100-240V AC** protection class **IP20**
 ambient temp. **-20° - 50°**



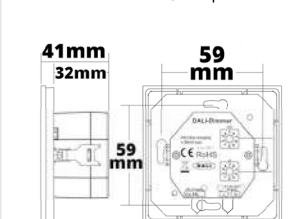
Length: 80mm
 Width: 80mm


115061 | DALI 4 groups / 4 scenes built-in touch master dimmer, white, 100-240V AC / DALI bus voltage


nominal power **100-240V AC** protection class **IP20**
 ambient temp. **-20° - 50°**



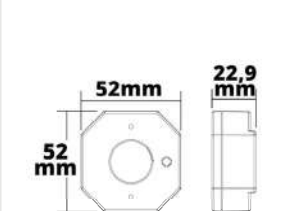
Length: 85mm
 Width: 85mm


115065 | DALI master control for 4 addresses, control via 4 push (close) button inputs


protection class **IP20**
 ambient temp. **-20° - 50°**



Length: 52mm
 Width: 52mm



115058 | DALI DT8 CCT 1 group built-in rotary master controller, white, 100-240V AC or DALI bus voltage

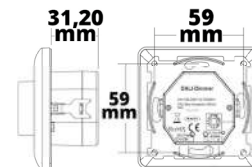


nominal power **100-240V AC** protection class **IP20**
ambient temp. **-20° - 50°**



Length: 84mm
Width: 84mm
Height: 41mm

Cut-out: 52mm
rec. depth: 34mm



115057 | DALI DT8 CCT 1 group built-in touch master controller, white, 100-240V AC or DALI bus voltage

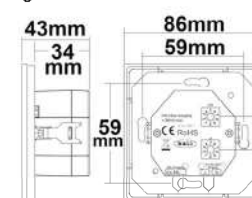


nominal power **100-240V AC** protection class **IP20**
ambient temp. **-20° - 50°**



Length: 86mm
Width: 86mm
Height: 43mm

Cut-out: 52mm
rec. depth: 34mm



115059 | DALI DT8 RGB+W 1 group built-in touch master controller, black, 100-240V AC or DALI bus voltage

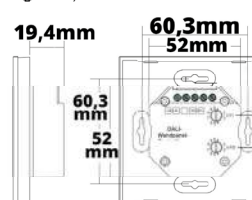


nominal power **100-240V AC** protection class **IP20**
ambient temp. **-20° - 50°**



Length: 86mm
Width: 86mm
Height: 43,5mm

Cut-out: 52mm
rec. depth: 34,2mm



115517 | DALI-2 bus voltage supply 128mA, 100-240V AC



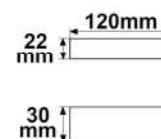
ISOLED



ISOLED



Length: 120mm
Width: 30mm
Height: 22mm

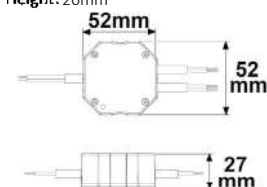


115807 | DALI to TRIAC signal converter type B

nominal power **100-240V AC** protection class **IP20**
 service life **50000 h L70|B10**



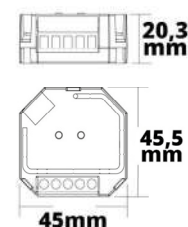
Length: 52mm
 Width: 52mm
 Height: 26mm


115064 | DALI-2 DT6 / Push phase-cut dimmer for dimmable 230V lamps/transformers, 400VA

nominal power **100-240V AC** protection class **IP20**
 ambient temp. **-20° - 50°**



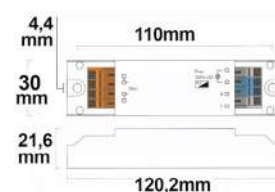
Length: 45,5mm rec. depth: 20,3mm
 Width: 45,5mm


113091 | DALI universal dimmer for dimmable 230V LED lamps/transformers, 10-300VA

nominal power **230V AC** protection class **IP20**
 ambient temp. **-20° - 50°**



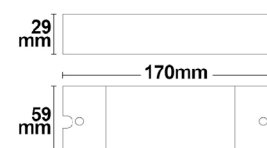
Length: 120,2mm
 Width: 30mm
 Height: 21,6mm


112646 | DALI switch, 230V, 1,000W switching power

nominal power **100-240V AC** protection class **IP20**
 ambient temp. **-20° - 50°**

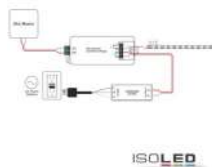


Length: 170mm
 Width: 59mm
 Height: 29mm

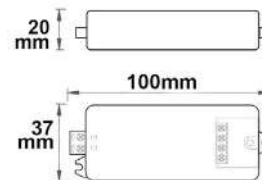


113203 | DALI PWM controller 12-36V, 1 channel, 12-36V 8A, 48V 4A

nominal power **12-48V DC** protection class **IP20**
ambient temp. **-20° - 50°**



Length: 100mm
Width: 37mm
Height: 20mm

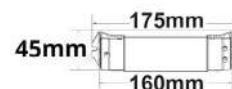


114465 | DALI DT6 PWM controller, 4 channel, 12-24V DC 4x5A

nominal power **12-24V DC** protection class **IP20**
ambient temp. **-30° - 55°**

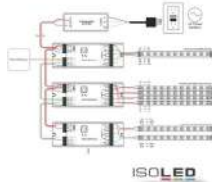


Length: 175mm
Width: 45mm
Height: 27mm

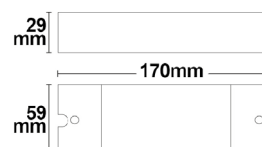


113202 | DALI DT6 PWM controller, 1 or 4 channel, 12-36V 4x8A, 48V 4x4A

nominal power **12-48V DC** protection class **IP20**
ambient temp. **-20° - 50°**



Length: 170mm
Width: 59mm
Height: 29mm



114873 | DALI DT8 universal Push-Dim PWM controller, 4 channel, 12-36V 4x5A, 48V 4x3A

nominal power **12-48V DC** protection class **IP20**
ambient temp. **-20° - 50°**



Length: 170mm
Width: 53,4mm
Height: 28mm



115066 | DALI DT8 1 address RGB+W PWM dimmer IP67, 4 channel, 12-36V 4x5A, 48V 4x3A


nominal power **12-48V DC** protection class **IP67**
 ambient temp. **-20° - 50°**

Length: 180mm
 Width: 75mm
 Height: 38mm


115513 | DALI-2 Master PIR surface mount motion sensor, black, detection range 12m, power supply via DALI


ISOLED
NEW



ISOLED

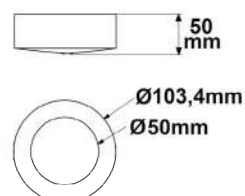


ISOLED



protection class **IP20**
 ambient temp. **-20° - 50°**

Height: 50mm Dia.: 103mm


115512 | DALI-2 Master PIR built-in presence sensor, white, detection range 3m, supply via DALI bus voltage


ISOLED
NEW



ISOLED

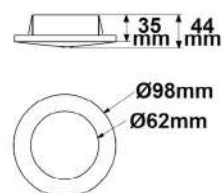


ISOLED



protection class **IP20**
 ambient temp. **-20° - 50°**

Height: 44mm Dia.: 98mm
 Cut-out: 62mm
 rec. depth: 30mm


115518 | Surface mount housing for Art. 115512 DALI-2 Master PIR presence sensor


ISOLED
NEW



ISOLED

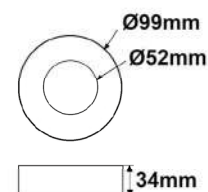


ISOLED



protection class **IP20**
 ambient temp. **-20° - 50°**

Height: 34mm Dia.: 99mm

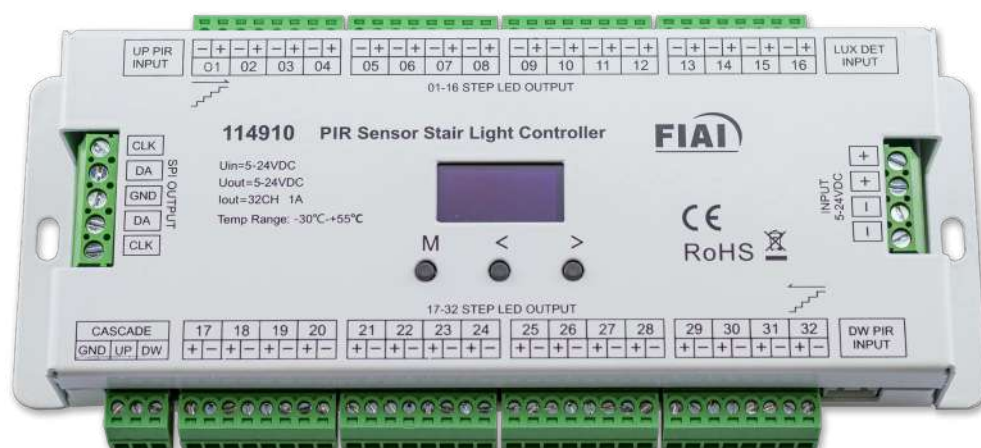


NET PRICE ITEM

No further discount possible

LED CONTROLLER

LED dimmer



LED radio mesh
4 zones PWM dimmer 1-4 channel



Remote control: 3 scene
memories for 4 zones

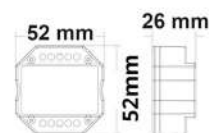
NEW

114425 | Sys-Pro universal Push/Radio mesh dimmer 230V, 360VA, trailing/leading edge cut-off selectable


nominal power **100-240V AC** protection class **IP20**
 ambient temp. **-30° - 55°**

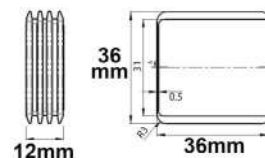


Length: 52mm rec. depth: 26mm
 Width: 52mm
 Height: 26mm


114936 | Universal push mini dimmer for dimmable 230V luminaires/transformers, 250VA


nominal power **220-240V AC** protection class **IP20**
 ambient temp. **-20° - 40°**

Length: 36mm rec. depth: 12mm
 Width: 36mm
 Height: 12mm


112449 | Universal Push dimmer for dimmable 230V lamps/transformers, 300VA

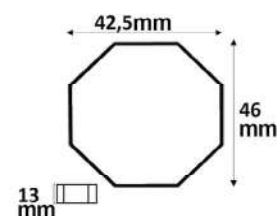

nominal power **230V AC** protection class **IP20**
 ambient temp. **-20° - 50°**

NET PRICE ITEM

No further discount possible



Length: 42,5mm
 Width: 46mm
 Height: 13mm

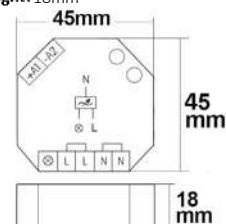

111881 | Universal-Push-Dimming actuator Eltako for dimmable 230V light / transformers, 400VA


nominal power **230V AC** protection class **IP20**
 ambient temp. **-20° - 50°**

NET PRICE ITEM

No further discount possible

Length: 45mm
 Width: 55mm
 Height: 18mm

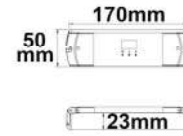


115484 | LED wireless 4 zones PWM dimmer, 1-4 channel, 12-24V DC, 4x5A

nominal power **12-24V DC** protection class **IP20**
ambient temp. **-30° - 55°**



Length: 170mm
Width: 50mm
Height: 23mm



115485 | 4 zones remote control with 3 scene memories for 4 zones PWM dimmer No. 115484

nominal power **3V DC** protection class **IP20**
ambient temp. **-30° - 55°**



Length: 155mm
Width: 43mm
Height: 17,5mm



112451 | Universal-Push-Controller actuator for LED spots / stripes, 12-24V 8A, 36-48V 6A

nominal power **12-48V DC** protection class **IP20**
ambient temp. **-20° - 50°**

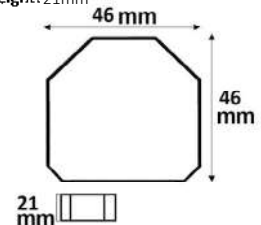


NET PRICE ITEM

No further discount possible



Length: 46mm
Width: 46mm
Height: 21mm

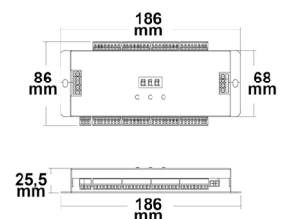


114910 | Stair effect PWM dimmer 5-24V DC, 32x1A + SPI output, 2 PIR sensor + 2 push button inputs

nominal power **5-24V DC** protection class **IP20**
ambient temp. **-30° - 55°**



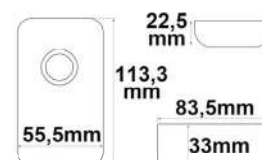
Length: 186mm
Width: 86mm
Height: 25,5mm



112323 | Wireless touch LED controller, 1 channel, 12-24V DC 9A

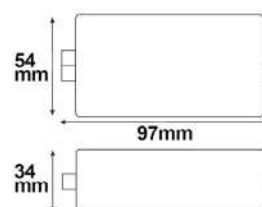

nominal power **12-24V DC** protection class **IP20**
 ambient temp. **-20° - 40°**

Length: 83mm
 Width: 79mm
 Height: 33mm


113309 | LED strip radio PWM controller, 1 channel, 12-24V DC 8A, follow-up control

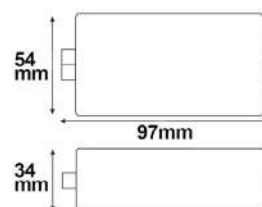

nominal power **12-24V DC** protection class **IP20**
 ambient temp. **-20° - 50°**

Length: 97mm
 Width: 54mm
 Height: 34mm


111091 | LED Radio PWM controller, 1 channel, 12-24V DC 8A

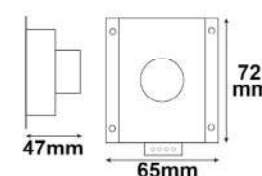

nominal power **12-24V DC** protection class **IP20**
 ambient temp. **-20° - 40°**

Length: 97mm
 Width: 54mm
 Height: 34mm


111094 | LED controller, 1 channel, 12-24V DC 8A

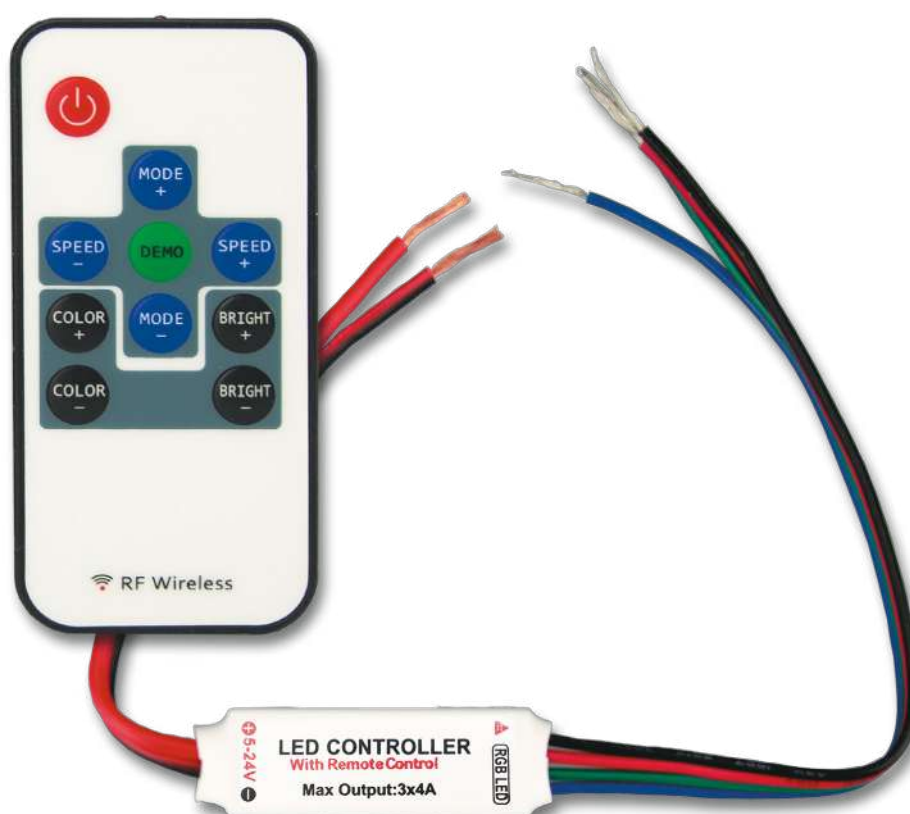

nominal power **12-24V DC** protection class **IP20**
 ambient temp. **-20° - 40°**

Length: 72mm
 Width: 65mm
 Height: 47mm

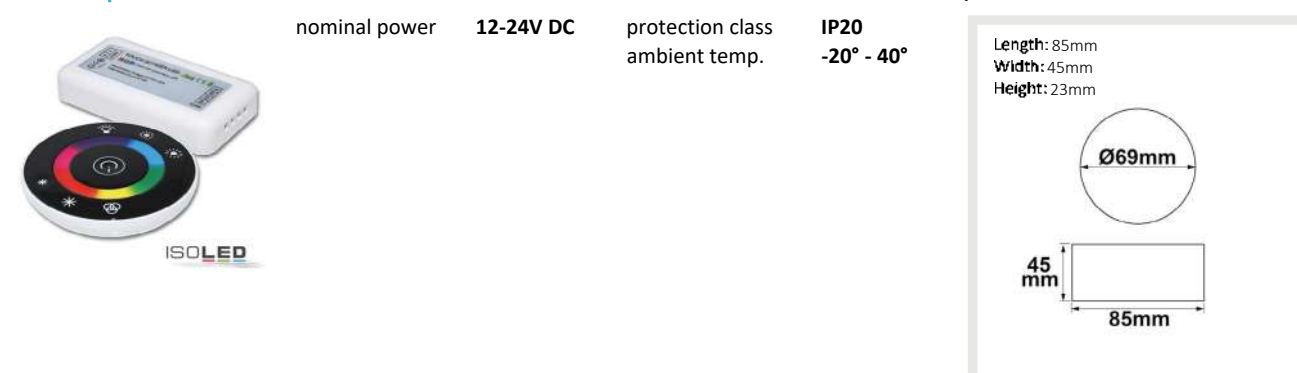
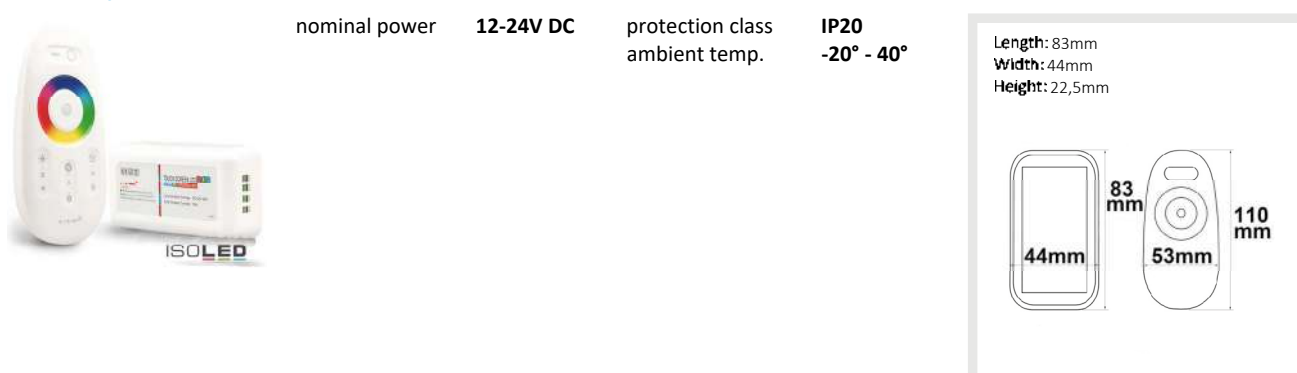


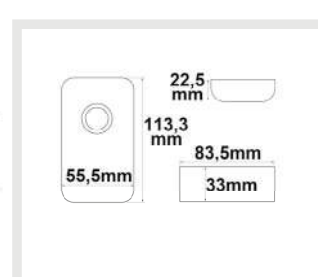
LED CONTROLLER

LED controller



114056 | RGB+W PWM controller with local and remote control, 2 scene memory, 4 channel, 12-36V, 4x5A

113310 | Wireless Touch RGB PWM controller with wireless remote control Round, 12-24V DC 3x4A

111802 | Wireless Touch RGB PWM controller with wireless remote control 2.4GHz, 12-24V DC 3x4A

112322 | Wireless Touch RGB PWM controller with Radio remote control Flat,

112529 | Wireless Touch dynamic white Radio controller with Radio remote


LED CONTROLLER

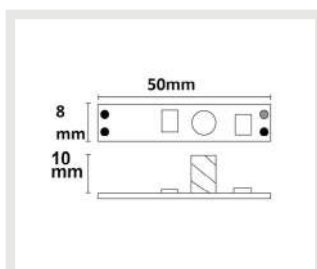
Mini controllers





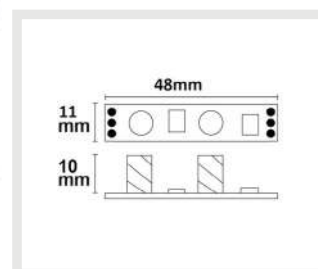
Length: 50mm
Width: 8mm
Height: 10mm

113723 | LED Mini PWM controller for installation under profile cover, 1



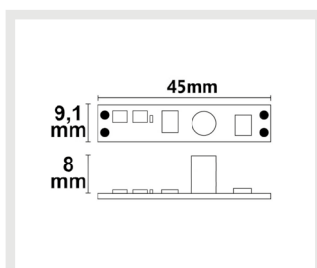
Length: 48mm
Width: 11mm
Height: 10mm

113724 | LED mini PWM controller white dynamic for installation under profile



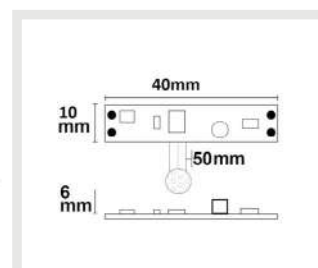
Length: 45mm
Width: 9,1mm
Height: 8mm

113725 | LED Mini PWM controller with wiper sensor for profiles, 1 channel, 12-24V



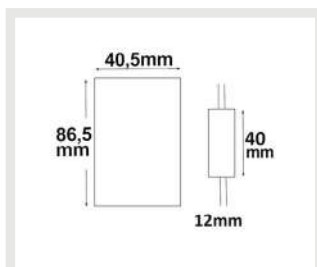
Length: 40mm
Width: 10mm
Height: 6mm

113726 | LED Mini-Switch PIR motion sensor with StandBy-Level, 12-24V DC 5A



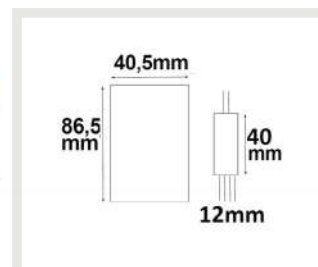
Length: 40mm
Width: 12mm
Height: 5mm

113306 | LED Strip mini radio PWM controller, 1 channel, 12-24V DC 3A



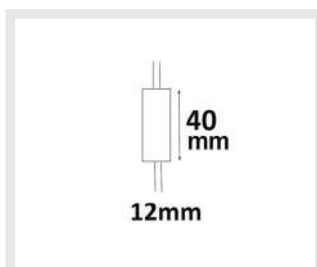
Length: 40mm
Width: 12mm
Height: 5mm

113307 | LED Strip Mini RGB radio controller, 3 channel, 12-24V DC 3x2A



Length: 40mm
Width: 12mm
Height: 5mm

113308 | LED Strip mini cable PWM controller, 1 channel, 12-24V DC 3A



LED CONTROLLER

SYS-PRO series

PRODUCT BOOK-
LET AS DOWN-
LOAD OR PRINT
VERSION AVAILA-
BLE

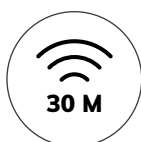


Integrated LED lighting and control system

SYS-PRO

OVERVIEW OF ALL
SYS-PRO
ITEM AVAILABLE
AS POSTER
ITEM NO. 100039

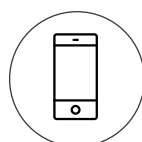
COMPREHENSIVE CONTROLLER + TRIAC / PWM-DIMMERSYSTEM



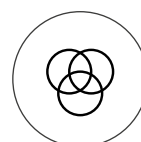
RADIO RANGE UP TO 30
METER



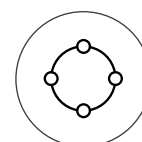
EVERY RECEIVER =
REPEATER (MESH!)



FREE ISOLED® SMART-
PHONE APP



SINGLE COLOR / RGB / RGB +
W / RGB + CCT



WITH MEMORY + SCENE
FUNCTIONS

GOOD TO KNOW

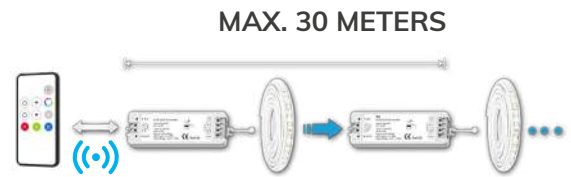
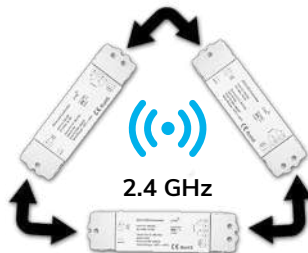
The 2.4GHz radio wave of the SYS-PRO components reaches up to 30 meters under optimal conditions. However, to ensure optimal reception of control commands, the following points should be observed:

- » Do not place radio receivers in corners or angles! The more open and free the environment the better the reception.
- » Do not place the radio receiver in the immediate vicinity of transformers or other live lines, as their electromagnetic radiation during operation can considerably interfere with reception.
- » If radio transmitters or wall remote controls are placed in recessed boxes, neither the recessed box nor the push-button of the switch range should be made of metal and - in the case of cavity walls - the installation location should not be directly or in the immediate vicinity of a metallic bracing of drywall profiles

- » In the event of errors in connection with battery-operated remote controls, please check the charge status of the button cell and replace it in good time.
- » A functioning mesh network, i.e. the transmission of the incoming radio control signal from one receiver to the next can in principle only be guaranteed between one and the same receivers.

All SYS-PRO PWM dimmers operate at a flicker-free frequency of 500Hz. If the upstream transformer begins to "hum" when dimming (the reason for this is the coils and chokes installed in the transformer), we recommend the selection of a multi -PWM dimmer (art.nos. 114433, 114434) where the operating frequency is set to a level which does not cause any interference (250Hz, 500Hz, 2kHz or 8kHz).

up to 10 different remote controls or
10 zones



Details

RADIO FREQUENCY 2.4 GHZ

Wifi networks are not disturbed, since only extremely short radio pulses are transmitted.

All radio receivers act as so-called mesh transceivers, i.e. they transmit the incoming signal again within a radius of up to 30 meters.

All radio receivers act as so-called mesh transceivers, i.e. they transmit the incoming signal again within a radius of up to 30 meters.

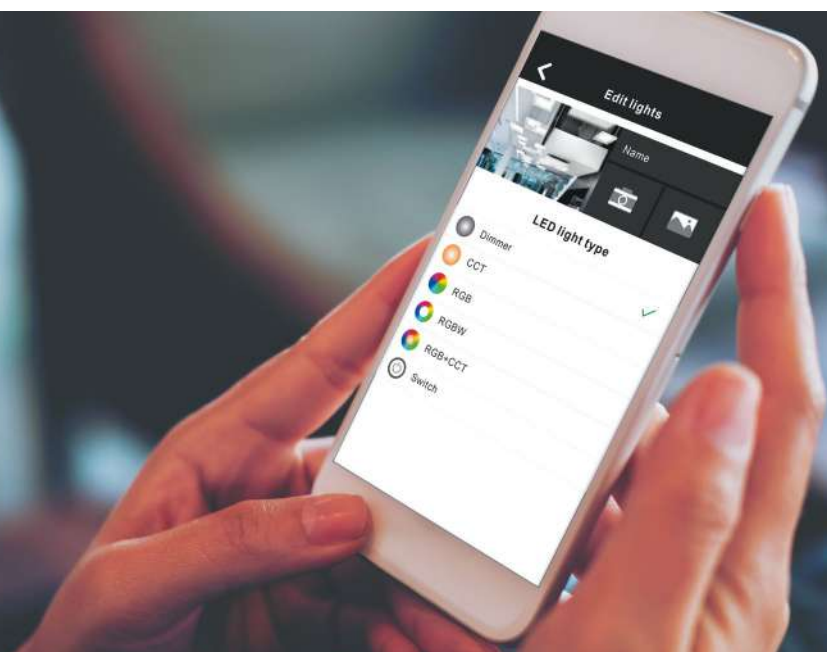
One remote control can control any number of receivers as long as they are within the transmission range of the remote control or the receivers receive the forwarded signal of the remote control via intermediate mesh transceivers.

Standard PWM frequency 500 Hz (adjustable at Multi -PWM dimmers to 8kHz, 2kHz, 500Hz, 250Hz).

ISO SYS-PRO APP



Available in the following languages:



5-24 V

IN Radio
OUT Radio

114583

Sys-Pro Wifi-Bridge Controller incl. Android/iOS app,
5-24V DC/5V Micro-USB



With the exception of the zones or room photos, all settings, scenes and timers in the ISO SYS PRO app are transferred to any other smartphone connected to the bridge. The access to the bridge can be protected by a password.

SC

Single Color

BATTERY
OUT RADIO

113569

Sys-Pro single color 4 zones remote control with 4 scene memory

BATTERY
OUT RADIO

114440

Sys-Pro single color 4 zones remote control, black

BATTERY
OUT RADIO

114437

Sys-Pro Single Color 1 Zone Remote Control Slide



MINI

BATTERY
OUT RADIO

114432

Sys-Pro single color 1 zone remote control mini

BATTERY
OUT RADIO

114530

Sys-Pro Single Color 1 zone table remote control, black

BATTERY
OUT RADIO

114439

Sys-Pro single color 1 zone remote control round, black

BATTERY
OUT RADIO

114438

Sys-Pro single color 1 zone remote control round, white

230 V
IN RADIO
OUT RADIO DMX

114443

Sys-Pro SingleColor 3 zones built-in Touch Fernbedienung + DMX Output, black, 230V

230 V
IN RADIO
OUT RADIO DMX

114442

Sys-Pro SingleColor 3 zones built-in Touch Fernbedienung + DMX Output, white, 230V

BATTERY
OUT RADIO

114578

Sys-Pro single color 1 zone Surface-mounted touch remote control with battery

BATTERY
OUT RADIO

114579

Sys-Pro single color 2 Zones Surface-mounted touch remote control with battery

BATTERY
OUT RADIO

114441

Sys-Pro single color 1 zone built-in rotary knob remote control with battery

12-24 V
IN PUSH RADIO
OUT PWM

114454

Sys-Pro push/radio Mesh PWM dimmer, 1-4 channel, 12-24V DC 4x3A

12-24 V
IN RADIO
OUT PWM

113567

Sys-Pro radio PWM mesh dimmer, 1-4 channel, 12-24V DC 4x3A, 36-48V DC 3A

12-36 V
IN RADIO
OUT PWM

114459

Sys-Pro radio Mesh PWM dimmer IP67, 1-4 channel, 12-36V DC 4x5A

12-24 V
IN RADIO
OUT PWM

114455

Sys-Pro radio Mesh PWM controller, 1-4 channel, 12-24V DC 4x8A, 36-48V DC 4x5A

12-24 V
IN PUSH RADIO
OUT PWM

114435

Sys-Pro push/radio Mesh Multi-PWM dimmer, 1 Channel, 12-24V DC 6A, 36-48V DC 3A

5-36 V
IN PUSH RADIO
OUT PWM

113566

Sys-Pro push/radio Mesh PWM dimmer, 1 channel, 5-36V DC 8A

12-24 V
IN PUSH RADIO
OUT PWM

114433

Sys-Pro push/radio Mesh Multi PWM dimmer, 1 channel, 12-24V DC 10-15A

12-24 V
IN RADIO ROTATE
OUT PWM

114434

Sys-Pro Rotary/radio Mesh Multi-PWM dimmer, 1 Channel, 12-24V DC 10-20A

12-24 V
IN RADIO
OUT PWM

114436

Sys-Pro radio Mesh PWM dimmer mini, 1 channel, 12-24V DC 3A

Dynamic white

CCT



BATTERY
OUT RADIO
113570

Sys-Pro dynamic white 4 zones remote control with 4 scene memories



BATTERY
OUT RADIO
114446

Sys-Pro dynamic white 4 zones remote control with 3 scene memories



BATTERY
OUT RADIO
114447

Sys-Pro dynamic white 1 zone remote control Slide



MINI

BATTERY
OUT RADIO
114444

Sys-Pro dynamic white 1 zone remote control mini



BATTERY
OUT RADIO
114531

Sys-Pro dynamic white 1 zone table remote control, black



BATTERY
OUT RADIO
114580

Sys-Pro dynamic white 1 zone surface-mounted touch remote control with battery



BATTERY
OUT RADIO
114448

Sys-Pro dynamic white 1 zone built-in rotary knob remote control with battery



230 V
IN RADIO
OUT RADIO DMX
114450

Sys-Pro dynamic white 4 zones built-in touch remote control + DMX output, black, 230V



230 V
IN RADIO
OUT RADIO DMX
114449

Sys-Pro dynamic white 4 zones built-in touch remote control + DMX output, white, 230V



12-24 V
IN PUSH RADIO
OUT PWM
114454

Sys-Pro push/radio Mesh PWM dimmer, 1-4 channel, 12-24V DC 4x3A



12-24 V
IN RADIO
OUT PWM
113567
Sys-Pro radio Mesh PWM dimmer, 1-4 channel, 12-24V DC 4x3A



12-36 V
IN RADIO
OUT PWM
114459
Sys-Pro radio Mesh PWM dimmer IP67, 1-4 channel, 12-36V DC 4x5A



12-24 V
IN RADIO
OUT PWM
114455
Sys-Pro radio Mesh PWM controller, 1-4 channel, 12-24V DC 4x8A, 36-48V DC 4x5A



12-24 V
IN RADIO
OUT PWM
114445
Sys-Pro dynamic white radio Mesh PWM controller mini, 2 channel, 12-24V DC 2x1.5A

RGB**RGB**

1Z

**BATTERY****OUT RADIO****114545**

Sys-Pro RGB 1 zone remote control Slide

1Z

**BATTERY****OUT RADIO****114532**

Sys-Pro RGB 1 zone table remote, black

**12-24 V****IN PUSH RADIO****OUT PWM****114454**

Sys-Pro push/radio Mesh PWM dimmer, 1-4 channel, 12-24V DC 4x3A

**12-24 V****IN RADIO****OUT PWM****113567**

Sys-Pro radio Mesh PWM dimmer, 1-4 channel, 12-24V DC 4x3A

**12-36 V****IN RADIO****OUT PWM****114459**

Sys-Pro radio Mesh PWM dimmer IP67, 1-4 channel, 12-36V DC 4x5A

**12-24 V****IN RADIO****OUT PWM****114455**

Sys-Pro radio Mesh PWM controller, 1-4 channel, 12-24V DC 4x8A, 36-48V DC 4x5A

**MINI****12-24 V****IN RADIO****OUT PWM****114451**

Sys-Pro RGB radio Mesh PWM dimmer mini, 3 channel, 12-24V DC 3x1A

RGB + White

**RGB
W**



BATTERY
OUT RADIO

113568

Sys-Pro RGB+W 4 zones remote control with 2 scene memory



MINI

BATTERY
OUT RADIO

114453

Sys-Pro RGB+W 1 zone remote control mini



BATTERY
OUT RADIO

114581

Sys-Pro RGB/RGB+W 1 zone Surface-touch remote control with battery



230 V
IN RADIO
OUT RADIO DMX

114458

Sys-Pro RGB+W 4 zones built-in remote touch control + DMX output, black, 230V



230 V
IN RADIO
OUT RADIO DMX

114595

Sys-Pro RGB+W 4 zones built-in touch remote control + DMX output, white, 230V



12-24 V
IN PUSH RADIO
OUT PWM

114454

Sys-Pro push/radio Mesh PWM dimmer, 1-4 channel, 12-24V DC 4x3A



12-24 V
IN RADIO
OUT PWM

113567

Sys-Pro radio Mesh PWM dimmer, 1-4 channel, 12-24V DC 4x3A



12-36 V
IN RADIO
OUT PWM

114459

Sys-Pro radio Mesh PWM dimmer IP67, 1-4 channel, 12-36V DC 4x5A



12-24 V
IN RADIO
OUT PWM

114455

Sys-Pro radio Mesh PWM controller, 1-4 channel, 12-24V DC 4x8A, 36-48V DC 4x5A



12-24 V
IN RADIO
OUT PWM

114456

Sys-Pro RGB+W radio Mesh PWM dimmer mini, 4 Channel, 12-24V DC 4x1A

**RGB
CCT****RGB+Dynamic white**

4Z

**BATTERY**
OUT RADIO**114452**

Sys-Pro RGB+ dynamic white 4 zones remote control with 2 scene memories

12-24 V
IN PUSH RADIO
OUT PWM**114588**

Sys-Pro RGB+CCT push/radio Mesh PWM dimmer, 1-5 channel, 12-24V DC 5x5A

12-24 V
IN RADIO
OUT PWM**114590**

Sys-Pro RGB + CCT radio Mesh PWM dimmer, 1-5 channel, 12-24V DC 5x3A

HF**HF-Motion detector****9-24 V**
IN MOTION
OUT RADIO**114665**

Sys-Pro wireless RF motion detector MiniAMP, 9-24V

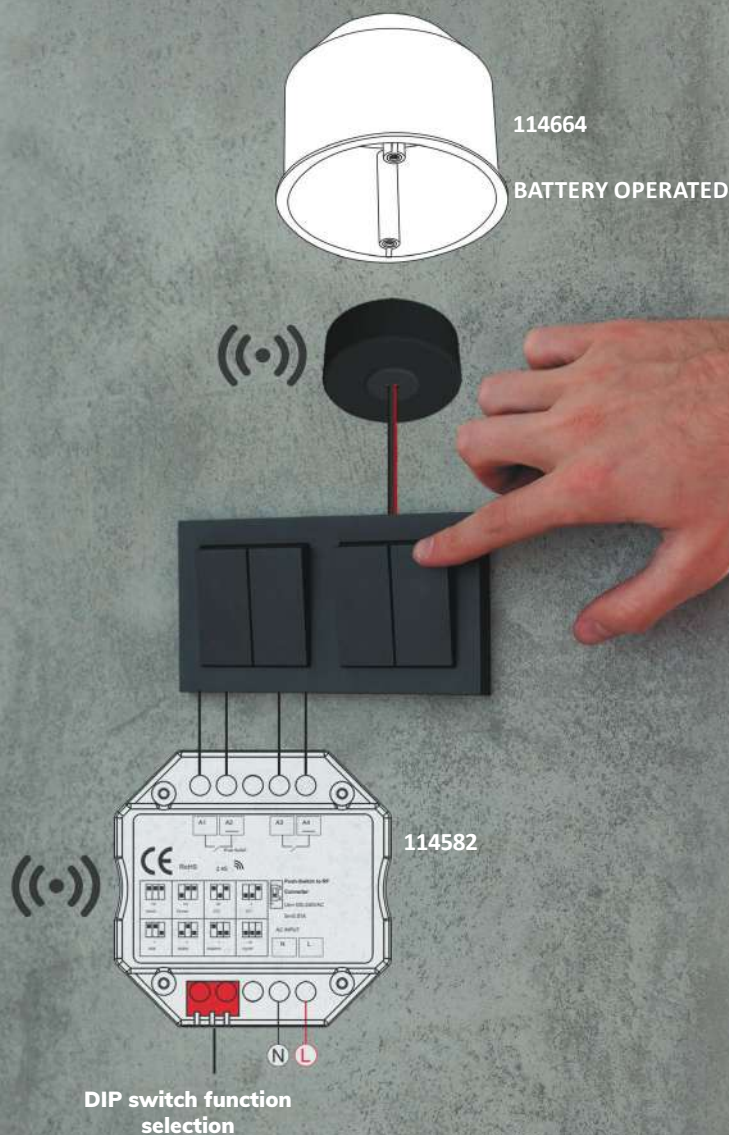
**9-24 V**
IN MOTION
OUT RADIO**114666**

Sys-Pro Radio RF Motion Detector MiniAMP with inverted function for UV-C, 9-24V

**Inverted
function****SIGNAL REPEATER****12-24 V 230 V**
IN RADIO
OUT RADIO**114892**

Sys-Pro Mesh signal repeater, max. 30m, 12-24V DC / 100-240V AC

FOR EXISTING SWITCH RANGES (button)



**230 V
Dimmer****Triac**

1Z

230 VIN RADIO
OUT TRIAC**114430**

Sys-Pro 1 zone recessed controller radio dimmer 230V, 360VA, phase control/ section selectable



1Z

230 VIN RADIO
OUT TRIAC**114429**

Sys-Pro 1 zone touch wireless dimmer 230VA, 360VA, phase on/phase off selectable



1Z

230 VIN RADIO
OUT TRIAC**114428**

Sys-Pro 1 zone touch radio dimmer 230V white, 360VA, phase on/phase off selectable

**230 V**IN RADIO PUSH
OUT TRIAC**114425**

Sys-Pro universal Push/Radio mesh dimmer 230V, 360VA, trailing/leading edge cut-off selectable

**230 V**IN 0-10 V RADIO PUSH
OUT TRIAC**114891**

Sys-Pro radio/push/1-10V input triac dimmer, 230V, 300VA, trailing/leading edge cut-off selectable

230V**Switch****230 V**IN RADIO PUSH
OUT SWITCH**114426**

Sys-Pro Push/Radio Mesh Switch On/Off 100-240V, 360W

**230 V**IN RADIO PUSH
OUT SWITCH**114427**

Sys-Pro Radio Mesh Socket Type F On/Off 100-240V, 720W

0/1-10 V**Control signal**

1Z

12-36 VIN RADIO
OUT 0-10 V SWITCH**114546**

Sys-Pro 1 zone recessed controller radio dimmer with 0-10V output, 350W switching relay, 85-265V



1Z

230 VIN RADIO
OUT 0-10 V**114462**

Sys-Pro 1 zone built-in Touch-Radio operation 1x0-10V output, black, 85-265V



4Z

230 VIN RADIO
OUT 0-10 V**114461**

Sys-Pro 4 Zones built-in Touch-Radio Operation 4x0-10V Output, White, 85-265V

**230 V**IN PUSH RADIO
OUT 0-10 V SWITCH**114460**

Sys-Pro Push/Radio Mesh dimmer with 0/1-10V output and switch 85-265V 1.5A

**12-36 V**IN PUSH 0-10 V
OUT PWM**114464**

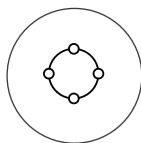
1xPush/4x1-10V Input PWM Dimmer, 4 Channel, 12-36V DC 4x5A

LED CONTROLLER **SYS-ONE series**

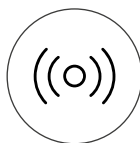


SYS-ONE

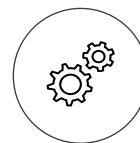
Integrated LED lighting and control system



UNRESTRICTED COMPATIBILITY
OF THE SYS-ONE
COMPONENTS



EASY LEARNING FUNCTION - ONE
TOUCH CONNECTION FAST AND
AUTOMATED CONNECTION



ASYNCHRONOUS AND SYNCHRONOUS
CONTROL OF THE SEQUENCERS, MASTER
SLAVE MODES

**ON
OFF**

On-Off



230 V

IN RADIO
OUT SWITCH

112999

Sys-One Radio Switch
On/Off 230V, 100VA

230V

230 V



230 V

IN RADIO
OUT TRIAC

112699

Sys-One radio dimmer
for dimmable 230V LED
illuminants/transformers, 2x288VA



230 V

IN PUSH RADIO
OUT TRIAC

113000

Sys-One radio/push
dimmer for dimmable
230V LED illuminants/
transformers, 400VA



230 V

IN RADIO
OUT TRIAC

112998

Sys-One radio dimmer
for dimmable 230V LED
illuminants/transformers, 100VA

SC

0/1 - 10 V - Control signal



230 V

IN RADIO PUSH
OUT 0-10 V

112711

Sys-One radio/push dimmer 0-10V
output, 2.000W switching relay,
230V

Single Color

SC



BATTERY
OUT RADIO

112622

Sys-One single color 1 zone push button remote control with battery



BATTERY
OUT RADIO

114261

Sys-One single color 4 zone remote control with 2 scene memories



BATTERY
OUT RADIO

112490

Sys-One single color 5 zone remote control



BATTERY
OUT RADIO

112493

Sys-One single color 1 zone recessed controller remote control frameless with battery



BATTERY
OUT RADIO

112491

Sys-One single color 1 zone surface mount push button remote control with battery



BATTERY
OUT RADIO

112494

Sys-One single color 1 zone recessed rotary knob remote control with battery



BATTERY
OUT RADIO

112492

Sys-One single color 2 zone surface mount push button remote control with battery



230 V
OUT RADIO

113001

Sys-One single color 4 zone built-in touch wireless remote control, 230V AC



BATTERY
OUT RADIO

112495

Sys-One single color 1 zone tabletop rotary knob remote control with battery



12-48 V
IN PUSH RADIO
OUT PWM

112488

Sys-One radio/push PWM controller, 1 channel, 12-36V 8A, 48V 4A



12-48 V
IN RADIO
OUT PWM

112477

Sys-One radio PWM controller, 4 channel, 12-36V 4x5A, 48V 4x2.5A



12-48 V
IN RADIO
OUT PWM

112487

Sys-One wireless PWM controller IP66, 4 channel, 12-36V 4x5A, 48V 4x2A



12-48 V
IN PUSH RADIO
OUT PWM

112482

Sys-One DIN rail radio PWM controller, 4 channel, 12-36V 4x5A, 48V 4x2.5A



24 V
IN RADIO PUSH
OUT PWM

113521

LED Sys-One PWM transformer 24V / DC, 0-75W, IP20, 2 channels / dynamic white, Push / Sys-One-RC dimmable

CCT**Dynamic white**

4Z

**BATTERY**
OUT RADIO**112496**Sys-One dynamic white
4 zone Remote control
multi-function

1Z

**BATTERY**
OUT RADIO**112497**Sys-One dynamic white
1 Zone Recessed con-
troller + battery

1Z

**BATTERY**
OUT RADIO**112498**Sys-One dynamic
white 1 Zone table
controller + battery**12-48 V****IN RADIO****OUT PWM****112477**Sys-One radio PWM
controller, 4 channel,
12-36V 4x5A, 48V
4x2.5A**12-48 V****IN RADIO****OUT PWM****112487**Sys-One wireless
PWM controller IP66,
4 channel, 12-36V
4x5A, 48V 4x2A**12-48 V****IN RADIO****OUT PWM****112482**Sys-One DIN rail radio
PWM controller, 4 chan-
nel, 12-36V 4x5A, 48V
4x2.5A**RGB****RGB**

1Z

**BATTERY**
OUT RADIO**112499**Sys-One RGB 1 Zone
Remote Control Multi-
function

1Z

**BATTERY**
OUT RADIO**112502**Sys-One RGB 1 Zone
Surface Mount Push
Button Remote Control
with Battery

1Z

**BATTERY**
OUT RADIO**112503**Sys-One RGB 1 zone
recessed controller
remote control frame-
less with battery

1Z

**BATTERY**
OUT RADIO**112501**Sys-One RGB 1 zone re-
cessed controller remote
control with battery

1Z

**BATTERY**
OUT RADIO**112504**Sys-One RGB 1 Zone
Desktop Remote Control
with Battery**12-48 V****IN PUSH RADIO****OUT PWM****112477**Sys-One radio PWM
controller, 4 channel,
12-36V 4x5A, 48V
4x2.5A**12-48 V****IN RADIO****OUT PWM****112487**Sys-One wireless
PWM controller IP66,
4 channel, 12-36V
4x5A, 48V 4x2A**12-48 V****IN RADIO****OUT PWM****112482**Sys-One DIN rail radio
PWM controller, 4 channel,
12-36V 4x5A, 48V 4x2.5A

RGB + White

**RGB
W**



BATTERY
OUT RADIO
112500

Sys-One RGB+W 4 Zone Remote Control Multi-function



BATTERY
OUT RADIO
113589

Sys-One RGB+W 8 Zone Remote Control black



230 V
OUT RADIO
112505

Sys-One RGB+W 4 zones built-in touch remote control, 230V AC



12-48 V
IN RADIO
OUT PWM
112477

Sys-One radio PWM controller, 4 channel, 12-36V 4x5A, 48V 4x2.5A



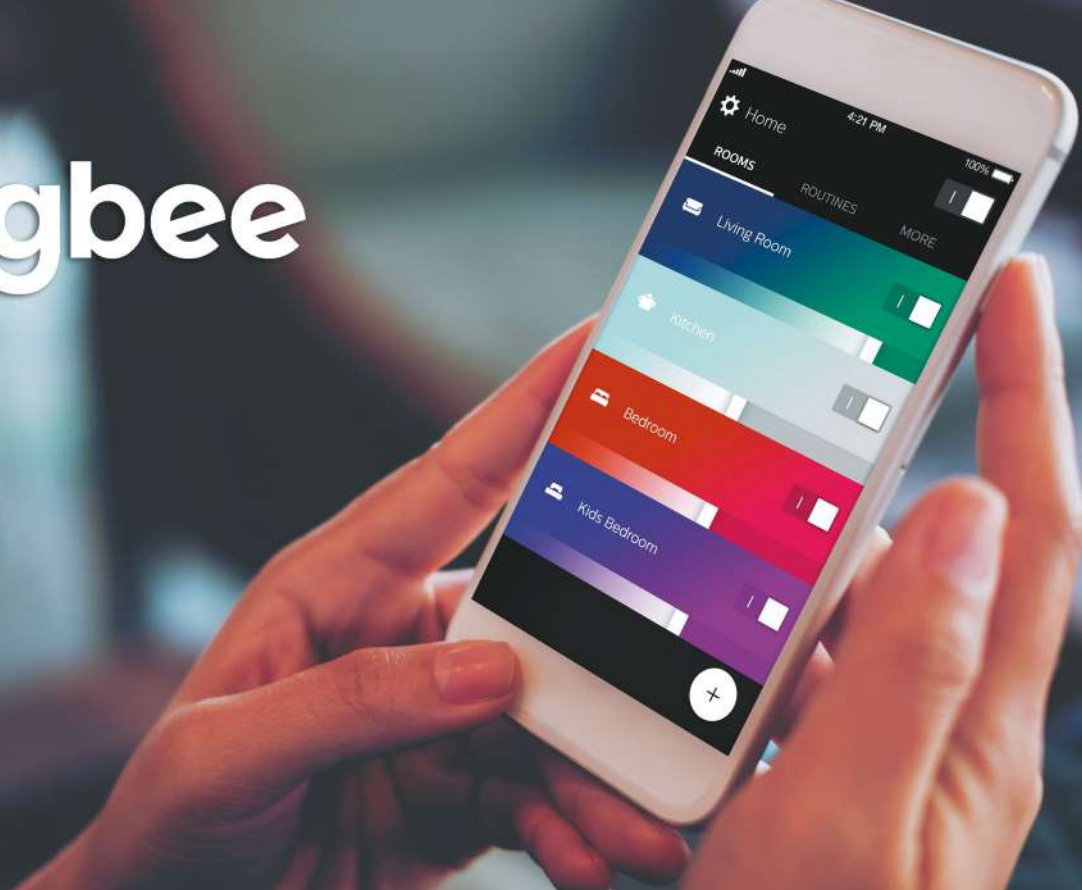
12-48 V
IN RADIO
OUT PWM
112487

Sys-One wireless PWM controller IP66, 4 channel, 12-36V 4x5A, 48V 4x2A



12-48 V
IN RADIO
OUT PWM
112482

Sys-One DIN rail radio PWM controller, 4 channel, 12-36V 4x5A, 48V 4x2.5A



ZIGBEE

Smart lighting control - simple and future-proof

ZIGBEE is a manufacturer-independent wireless communications standard for SMART-(LIGHT)-

SOLUTIONS (building automation, sensor networks etc). It eliminates other technologies and is leading the way in the market, making it a future-proof choice.

ZIGBEE facilitates exceptionally simple and intelligent control using a suitable wireless controller, mobile end device (such as a smartphone) or virtual assistant.

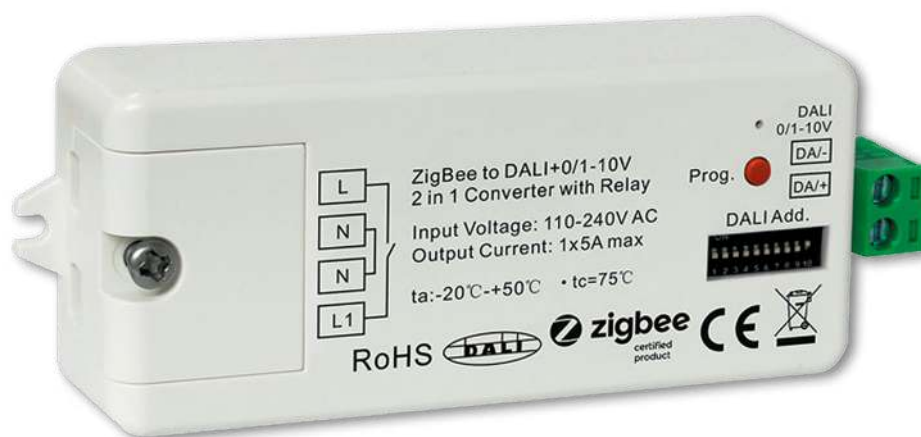
Existing installations can be made sustainably SMART with minimal cabling!

Intelligent lighting control without a system bus

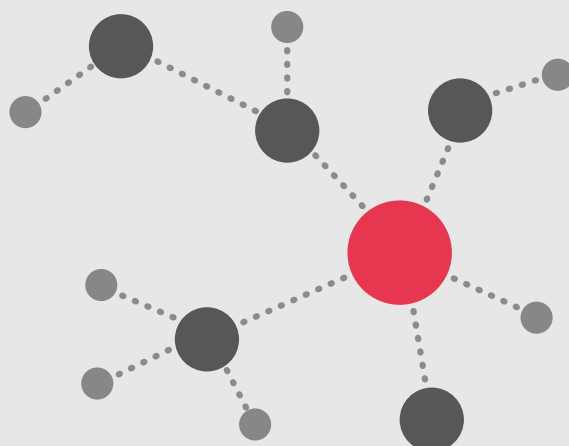
- » Future-proof, sustainable remote control system
- » Hundreds of manufacturers in the ZIGBEE network
- » Maximum flexibility in installing the network
- » Use-triggered (motion sensors, time switch) and daylight-triggered lighting can be set for high efficiency and cost effectiveness
- » Lighting solutions designed for industry and commercial complexes can be easily implemented with ZIGBEE
- » Cost-effective conversion to intelligent (smart) lighting control
- » Requires minimal cabling and generally no changes to the building
- » Low energy consumption for ZIGBEE control system (low operating costs)
- » Simple and intuitive operation with mobile end devices (smartphones and tablets) or virtual assistants (e.g. Alexa)

LED CONTROLLER

ZIGBEE controllers



The new Zigbee 3.0 standard replaces the old ZigBee ZLL standard. ZigBee 3.0 is now better compatible with several "bridges" from different manufacturers. Devices with this technology also communicate in a mesh network. Mesh means that the transmitted control signals from the dimmers or controllers are not only received, but also transmitted to all additional similar devices in the environment and transmission range. This increases the transmission distance enormously and helps to avoid dead spots.

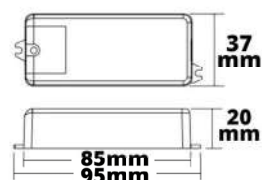


115063 | ZIGBEE to DALI DT6/DT8 or 0/1-10V signal converter + 5A switching relay, 110-240V AC

nominal power **100-240V AC** protection class **IP20**
ambient temp. **-20° - 50°**



Length: 95mm
Width: 37mm
Height: 20mm

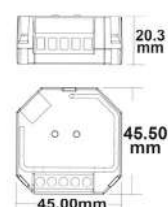


114728 | ZigBee 3.0/Push Universal Triac Dimmer 230V, 200VA

nominal power **100-240V AC** protection class **IP20**
ambient temp. **-20° - 50°**



Length: 45mm
Width: 45,5mm
Height: 20,3mm

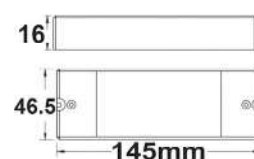


114729 | ZigBee 3.0 PWM controller for LED flex ribbons/spots, 5 channel, 12-24V DC 5x4A

nominal power **12-24V DC** protection class **IP20**
ambient temp. **-20° - 50°**



Length: 145mm
Width: 46,5mm
Height: 16mm



LED CONTROLLER

LED sensors

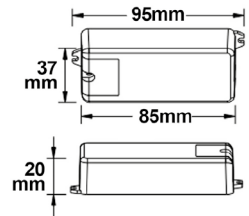


112585 | Wipe-Switch with sensor head silver, wipe distance 6cm, 230V, 500VA

nominal power **100-240V AC** protection class **IP20**
 ambient temp. **-20° - 50°**
 service life **30000 h L70|B10**



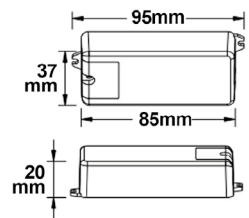
Length: 95mm Cut-out: 17x17mm
 Width: 37mm
 Height: 20mm


112587 | PIR motion sensor with sensor head, detection max. 3m, 230V, 500VA

nominal power **100-240V AC** protection class **IP20**
 ambient temp. **-20° - 50°**
 service life **30000 h L70|B10**



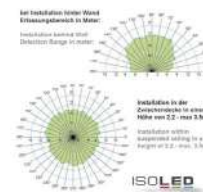
Length: 95mm
 Width: 37mm
 Height: 20mm


113252 | HF-motion sensor with LUX-Sensor, 230V, 300VA

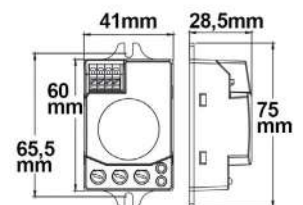
nominal power **230V AC** protection class **IP20**
 ambient temp. **-20° - 40°**
 service life **25000 h L70|B10**



ISOLED



Length: 65,5mm
 Width: 41mm
 Height: 28,5mm

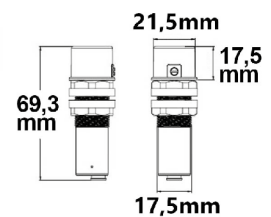

112619 | Daylight sensor passive for parallel connection into active 1-10V control signal wires

nominal power **1-10V DC** protection class **IP20**
 ambient temp. **-20° - 45°**



ISOLED

Length: 69,3mm Dia.: 21,5mm
 Cut-out: 17,5mm
 rec. depth: 47mm



LED CONTROLLER

Twilight / Motion detector Outdoor

NEW

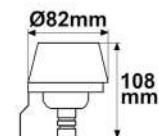
NOW NEW IN THE
IN THE RANGE



115798 | Twilight switch 230V, max. 10A, 5-50Lux, IP44, for remote mounting with PG gland


nominal power **220-240V AC** protection class **IP44**
 ambient temp. **-20° - 50°**

Height: 108mm Dia.: 82mm


115799 | Twilight switch 230V, max. 10A, 3-500Lux, IP54, surface mounting


nominal power **220-240V AC** protection class **IP54**
 ambient temp. **-20° - 50°**



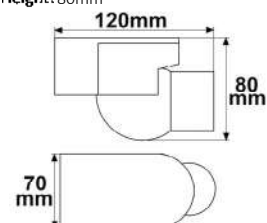
Length: 40mm
 Width: 70mm
 Height: 108mm


115800 | PIR motion detector white, 230V, max. 4A, 180° max. 10m detection radius, IP44, surface mounting


nominal power **220-240V AC** protection class **IP44**
 ambient temp. **-20° - 50°**



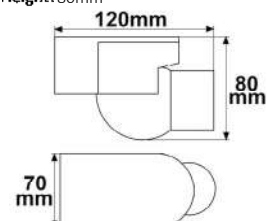
Length: 120mm
 Width: 70mm
 Height: 80mm


115801 | PIR motion detector black, 230V, max. 4A, 180° max. 10m detection radius, IP44, surface mounting


nominal power **220-240V AC** protection class **IP44**
 ambient temp. **-20° - 50°**



Length: 120mm
 Width: 70mm
 Height: 80mm



Twilight switch

Setting of the twilight threshold from approx. 3-500 lux

sensor

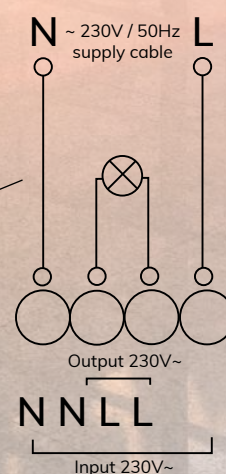
Setting the switching time from approx. 1-9 hours or sunrise and sunset

Indicator LED

115799

Cable entry on the back and/or cable entry on the bottom

strain relief





Linear lighting lines in the bus

Clinic waiting area

Carpark entrance/exit

Sustainable quality with long service life for high demands

"We have been completely satisfied and feel very well advised"

Feedback from customer survey 2022

LED TRANSFORMERS

CUSTOMISED LIGHT SOLUTIONS



PAGE 507

Constant current transformers



PAGE 511

Transformer 12V IP20



PAGE 519

Transformer 24V IP20



PAGE 529

Transformer 12V IP65/IP67



PAGE 533

Transformer 24V IP65/IP67



PAGE 541

Transformer 48V IP20 - IP67

SPECIAL FEATURES OF LED TRANSFORMERS EXPLAINED SIMPLY

Constant current transformers

(CC - Constant Current) with a constant current exit (partially adjustable) and a variable voltage exit as component included in delivery or as alternative or replacement of existing external

transformers (drivers/ballasts) for the operation of LED chips in downlights, panels, installation spots etc.

AC transformers

(AC - Alternating Current) with constant 12 V voltage at the exit and a variable exit current for operating 12 V illuminants/spots with at least one integrated resistance for current limitation and an integrated rectifier circuit which converts the AC voltage from the transformer into a DC voltage suitable for operating the LED.

It should be noted that the operation of LEDs (because they are capacitive loads) in conjunction with AC voltage produces a reactive power. This means that not only the active power rating in watts of the connected illuminants must be used for the power design of the transformer, but also the total apparent power in VA!

The special feature of our two AC transformers (Item no. 111213, 112669) is their dimmability and that no minimum load is required - a single 2W G4 lamp already works on them.

Caution: If a TRIAC dimming actuator is connected in front of one of these two transformers, the effect can occur that the reactive power is additionally increased when dimming (depending on the dimming actuator, the lamp and the degree of dimming). In extreme cases, the actual apparent power can be 3 times higher! If this fact is taken to heart, there is nothing to stop you from using our two blue AC transformers with their fantastic price/power ratio.

DC voltage transformers

(DC - Direct Current) with a constant voltage exit (partly adjustable) of 12, 24, or 48 V and variable exit current for the operation of 12 V illuminants/spots and flex stripes, which have besides the LEDs only at least one resistance for current limitation (or IC

for current adjustment in case of our LED flex stripes of the CC-series) with on board and thus on their PCB/board.

The following should be noted:

- » Never operate all transformers up to their power limits, i.e. ideally always calculate with a power reserve of approx. 20 %! The same applies to dimming actuators, flex stripes controllers etc.
- » Operate all transformers and control gear only within their parameters regarding ambient temperature and protection class!
- » Never cover transformers with thermal insulation materials and place them at enough distance from each other!
- » Do not energize each transformer until all components are connected. Do not carry out any manipulations (setting the exit current, ColorSwitch etc.) during operation, but always disconnect the supply voltage beforehand.!



LED TRANSFORMERS

Constant current transformers



114692 | LED constant current transformer 100/180/270/350/440mA, 10W, Push/0-10V/DALI dimmable

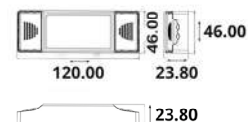
nominal power **198-264V AC** protection class **IP20**
 ambient temp. **-20° - 45°**



ISOLED

5 YEAR
GUARANTEE

Length: 120mm
 Width: 46mm
 Height: 23,8mm


114694 | LED constant current transformer 700/800/900/950/ 1050/1200mA, 40W, Push/0-10V/DALI

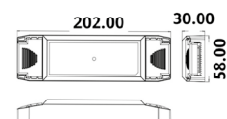
nominal power **198-264V AC** protection class **IP20**
 ambient temp. **-20° - 45°**



ISOLED

5 YEAR
GUARANTEE

Length: 202mm
 Width: 58mm
 Height: 30mm


114874 | LED constant current transformer 300-900mA (9-58V), 30W, Push/0-10V/DALI dimmable, SELV

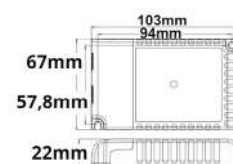
nominal power **198-264V AC** protection class **IP20**
 ambient temp. **-20° - 45°**



ISOLED

5 YEAR
GUARANTEE

Length: 103mm
 Width: 67mm
 Height: 22mm


114189 | LED constant current transformer MW LCM-40KN 350/500/600/700/900/1050mA, KNX dimmable,

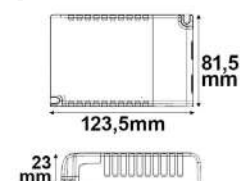
nominal power **180-295V AC** protection class **IP20**
 ambient temp. **-30° - 60°**



ISOLED

5 YEAR
GUARANTEE

Length: 123,5mm
 Width: 81,5mm
 Height: 23mm



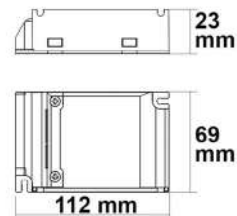
111989 | LED MULTI Transformer 12V/24V/350mA/500mA/700mA, Push + 1-10V dimmable, SELV



nominal power **220-240V AC** protection class **IP20**
ambient temp. **-20° - 50°**



Length: 112mm
Width: 69mm
Height: 23mm

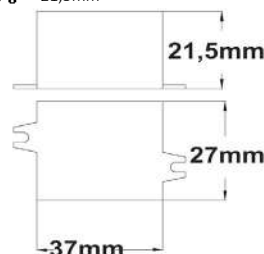


112158 | LED constant current transformer 350mA, 1-4W, SELV



nominal power **200-264V AC** protection class **IP20**
ambient temp. **-20° - 50°**

Length: 37mm
Width: 27mm
Height: 21,5mm

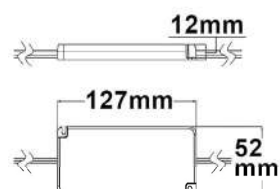


112024 | LED constant current transformer 350mA, 0-12W, SELV



nominal power **200-264V AC** protection class **IP20**
ambient temp. **-20° - 50°**

Length: 127mm
Width: 52mm
Height: 12mm





LED TRANSFORMERS

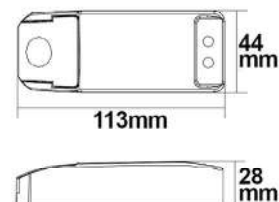
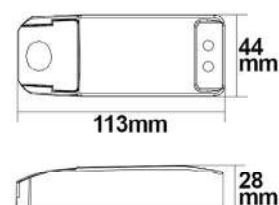
Transformer 12V IP20



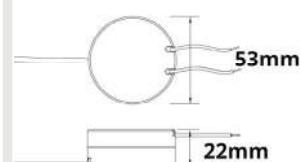
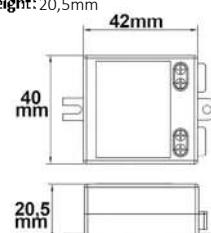
Transformer 12 V/DC 20 Watt

+ Ultra slim

NEW

111213 | LED transformer 12V/AC, 0-70VA, dimmable, SELV
nominal power **230V AC**protection class
ambient temp.**IP20**
-20° - 50°Length: 113mm
Width: 44mm
Height: 28mm
112669 | LED transformer 12V/AC, 0-105VA, dimmable, SELV
nominal power **230V AC**protection class
ambient temp.**IP20**
-20° - 50°Length: 113mm
Width: 44mm
Height: 28mm
111736 | LED transformer 12V/DC, 0-8W, round design, SELV
nominal power **220-240V AC**protection class
ambient temp.**IP20**
-20° - 50°

Height: 22mm Dia.: 53mm

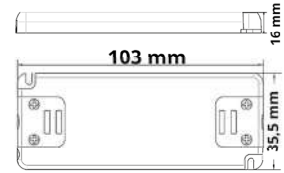

113421 | LED transformer 12V/DC, 0-10W, SELV
nominal power **100-240V AC**protection class
ambient temp.
service life**IP20**
-20° - 40°
35000 h L70|B10Length: 42mm
Width: 40mm
Height: 20,5mm

113049 | LED transformer 12V/DC, 0-15W, ultra flat, SELV



nominal power **180-264V AC** protection class **IP20**
ambient temp. **-20° - 40°**

Length: 103mm
Width: 35,5mm
Height: 16mm

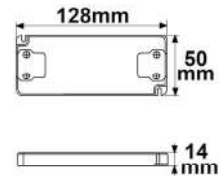


115622 | LED transformer 12V/DC, 20W, Ultraslim



nominal power **220-240V AC** protection class **IP20**
active power **20 W** ambient temp. **-20° - 40°C**

Length: 128mm
Width: 50mm
Height: 14mm

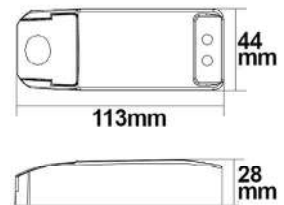


111116 | LED transformer 12V/DC, 0-20W, SELV



nominal power **220-240V AC** protection class **IP20**
ambient temp. **-20° - 40°**

Length: 113mm
Width: 44mm
Height: 28mm

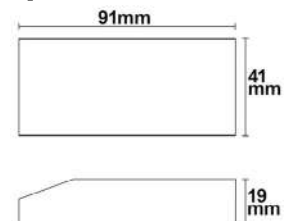


113918 | LED transformer 12V/DC, 0-30W, compact, SELV



nominal power **100-240V AC** protection class **IP20**
ambient temp. **-20° - 40°**

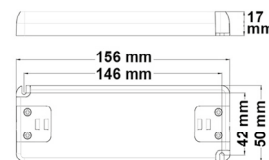
Length: 91mm
Width: 41mm
Height: 19mm



112016 | LED transformer 12V/DC, 0-30W, ultra flat, SELV


nominal power **180-264V AC** protection class **IP20**
 ambient temp. **-20° - 40°**

Length: 156mm
 Width: 50mm
 Height: 17mm


113926 | LED Flexband transformer 12V/DC, 0-30W, dimmable (voltage sink), SELV


nominal power **220-240V AC** protection class **IP20**
 ambient temp. **-20° - 45°**

Length: 157mm
 Width: 46mm
 Height: 18,5mm


113286 | LED transformer 12V/DC, 0-30W, slim, SELV

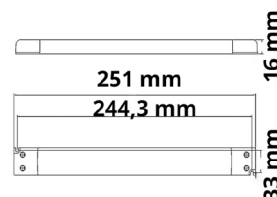

nominal power **220-240V AC** protection class **IP20**
 ambient temp. **-20° - 50°**

Length: 251mm
 Width: 30mm
 Height: 17,2mm


112018 | LED transformer 12V/DC, 0-30W, ultraslim, SELV


nominal power **180-264V AC** protection class **IP20**
 ambient temp. **-20° - 40°**

Length: 251mm
 Width: 33mm
 Height: 16mm



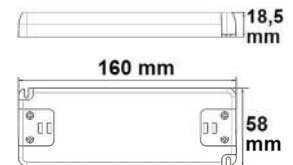
112020 | LED transformer 12V/DC, 0-50W, ultra flat, SELV



nominal power **180-264V AC** protection class **IP20**
ambient temp. **-20° - 40°**



Length: 160mm
Width: 58mm
Height: 18,5mm



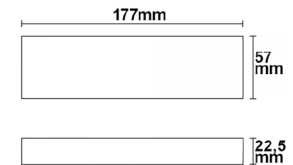
113928 | LED Flexband transformer 12V/DC, 0-50W, dimmable (voltage sink), SELV



nominal power **220-240V AC** protection class **IP20**
ambient temp. **-20° - 45°**



Length: 177mm
Width: 57mm
Height: 22,5mm



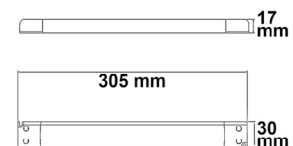
113341 | LED transformer 12V/DC, 0-60W, slim, SELV



nominal power **220-240V AC** protection class **IP20**
ambient temp. **-20° - 50°**



Length: 305mm
Width: 30mm
Height: 17mm



113139 | LED transformer 12V/DC, 0-60W, Mesh Slim



nominal power **220-240V AC** protection class **IP20**
ambient temp. **0° - 50°**

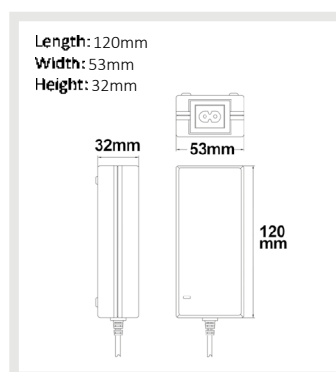


Length: 182mm
Width: 47mm
Height: 30,5mm

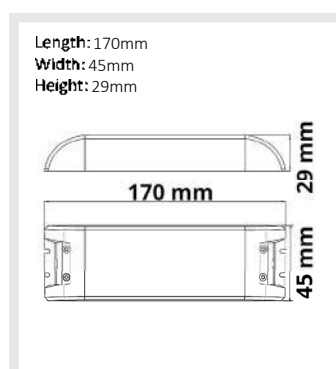


111065 | Transformer 12V/DC, 0-60W, with round plug and flat plug

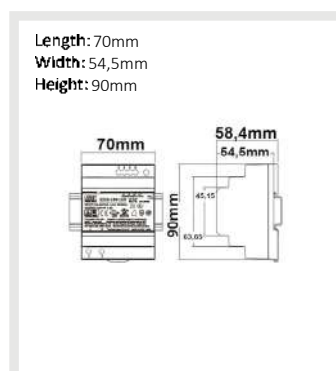

nominal power **100-240V AC** protection class **IP20**
 ambient temp. **-20° - 40°**


112022 | LED transformer 12V/DC, 0-70W, SELV

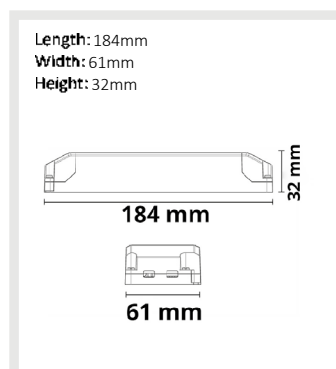

nominal power **180-264V AC** protection class **IP20**
 ambient temp. **-20° - 40°**


114351 | LED Top Hat Rail-transformer MW HDR-100-12, 12~13.8V DC, 0-100W


nominal power **85-264V AC** protection class **IP20**
 ambient temp. **-30° - 45°**


113053 | LED transformer 12V/DC, 0-100W, SELV


nominal power **180-264V AC** protection class **IP20**
 ambient temp. **-20° - 50°**



113142 | LED transformer 12V/DC, 0-200W, Mesh Slim

nominal power

220-240V AC

protection class
ambient temp.

IP20
0° - 50°



ISOLED



Length: 240mm
Width: 47mm
Height: 30,5mm





LED TRANSFORMERS

Transformer 24V IP20



TRANSFORMER
24 V/DC 0-20 Watt



IP20 Ultra slim



TRANSFORMER
24 V/DC 0-30 Watt



IP20 | SELV
Ultra flat



TRANSFORMER
24 V/DC 0-75 Watt



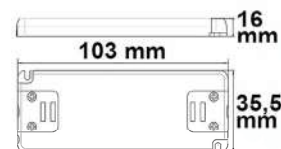
IP20 PUSH/DALI
dimmmable

NEW

113050 | LED transformer 24V/DC, 0-15W, ultra flat, SELV


nominal power **180-264V AC** protection class **IP20**
 ambient temp. **-20° - 40°**

Length: 103mm
 Width: 35,5mm
 Height: 16mm

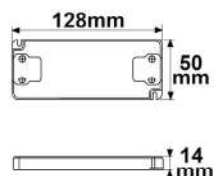

115623 | LED transformer 24V/DC, 20W, Ultraslim


ISOLED

NEW

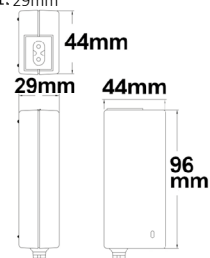
nominal power **220-240V AC** protection class **IP20**
 active power **20 W** ambient temp. **-20° - 40°C**

Length: 128mm
 Width: 50mm
 Height: 14mm


111066 | Transformer 24V/DC, 0-24W, with round plug and flat plug


nominal power **100-240V AC** protection class **IP20**
 ambient temp. **-20° - 40°**

Length: 96mm
 Width: 44mm
 Height: 29mm

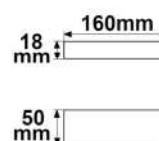

115625 | LED transformer 24V/DC, 0-30W, ultra slim, SELV


ISOLED

NEW

nominal power **180-264V AC** protection class **IP20**
 ambient temp. **-20° - 40°**

Length: 160mm
 Width: 50mm
 Height: 18mm

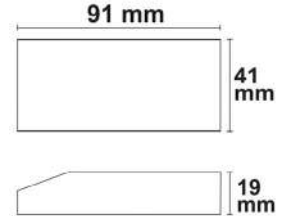


113919 | LED transformer 24V/DC, 0-30W, compact, SELV

nominal power **100-240V AC** protection class **IP20**
ambient temp. **-20° - 40°**



Length: 91mm
Width: 41mm
Height: 19mm

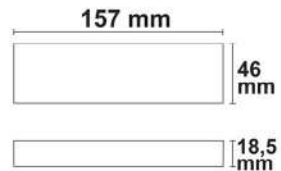


113927 | LED transformer 24V/DC, 0-30W, dimmable (voltage sink), SELV

nominal power **220-240V AC** protection class **IP20**
ambient temp. **-20° - 45°**



Length: 157mm
Width: 46mm
Height: 18,5mm

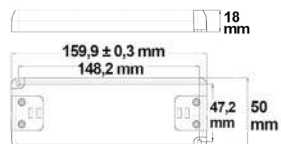


112017 | LED transformer 24V/DC, 0-30W, ultra flat, SELV

nominal power **180-264V AC** protection class **IP20**
ambient temp. **-20° - 40°**



Length: 160mm
Width: 50mm
Height: 18mm

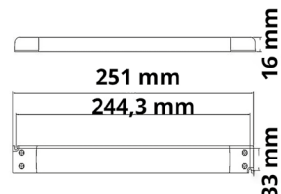


112019 | LED transformer 24V/DC, 0-30W, ultraslim, SELV

nominal power **180-264V AC** protection class **IP20**
ambient temp. **-20° - 40°**



Length: 251mm
Width: 33mm
Height: 16mm

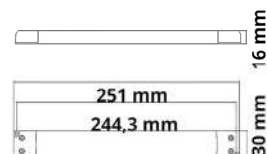


113285 | LED transformer 24V/DC, 0-30W, slim, SELV

nominal power **220-240V AC** protection class **IP20**
 ambient temp. **-20° - 50°**


ISOLED

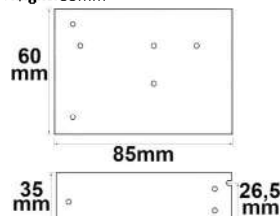

Length: 251mm
 Width: 30mm
 Height: 16mm


111182 | LED transformer 24V/DC, 0-35W, Mesh

nominal power **220-240V AC** protection class **IP20**
 ambient temp. **0° - 50°**


ISOLED

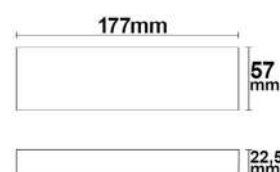

Length: 110mm
 Width: 78mm
 Height: 35mm


113929 | LED transformer 24V/DC, 0-50W, dimmable (voltage sink), SELV

nominal power **220-240V AC** protection class **IP20**
 ambient temp. **-20° - 45°**


ISOLED

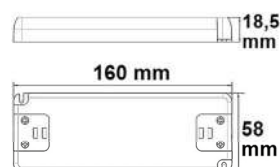

Length: 177mm
 Width: 57mm
 Height: 22,5mm


112021 | LED transformer 24V/DC, 0-50W, ultra flat, SELV

nominal power **180-264V AC** protection class **IP20**
 ambient temp. **-20° - 40°**


ISOLED


Length: 160mm
 Width: 58mm
 Height: 18,5mm



113340 | LED transformer 24V/DC, 0-60W, slim, SELV

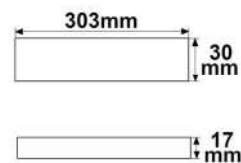
nominal power **220-240V AC** protection class **IP20**
ambient temp. **-20° - 50°**



ISOLED



Length: 303mm
Width: 30mm
Height: 17mm



113138 | LED transformer 24V/DC, 0-60W, Mesh Slim

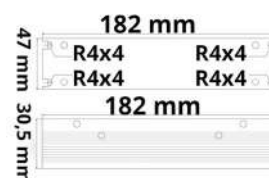
nominal power **220-240V AC** protection class **IP20**
ambient temp. **0° - 50°**



ISOLED



Length: 182mm
Width: 47mm
Height: 30,5mm



111067 | Transformer 24V/DC, 0-60W, with round plug and flat plug

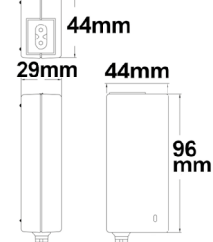
nominal power **100-240V AC** protection class **IP20**
ambient temp. **-20° - 40°**



ISOLED



Length: 96mm
Width: 44mm
Height: 29mm



112023 | LED transformer 24V/DC, 0-75W, SELV

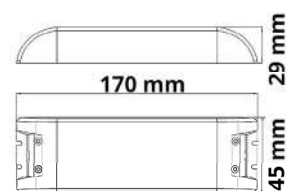
nominal power **180-264V AC** protection class **IP20**
ambient temp. **-20° - 40°**



ISOLED



Length: 170mm
Width: 45mm
Height: 29mm



115525 | LED PWM transformer 24V/DC, 0-75W, IP20, Push/DALI dimmable

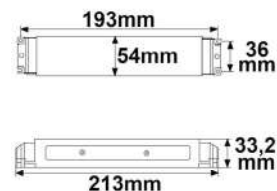
nominal power **220-240V AC** protection class **IP20**
 ambient temp. **-20° - 50°**



ISOLED

NEW

Length: 213mm
 Width: 54mm
 Height: 33,2mm


113520 | LED transformer 24V/DC, 0-75W, IP20, Push/DALI dimmable

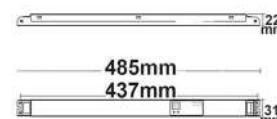
nominal power **100-240V AC** protection class **IP20**
 ambient temp. **-20° - 45°**



ISOLED



Length: 485mm
 Width: 31mm
 Height: 22mm


113521 | LED Sys-One transformer 24V/DC, 0-75W, IP20, white dyn., Push/Sys-One-RC dimmable

nominal power **100-240V AC** protection class **IP20**
 ambient temp. **-20° - 45°**



ISOLED



Length: 485mm
 Width: 31mm
 Height: 22mm


113054 | LED transformer 24V/DC, 0-100W, SELV

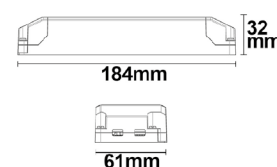
nominal power **100-240V AC** protection class **IP20**
 ambient temp. **-20° - 50°**



ISOLED



Length: 184mm
 Width: 61mm
 Height: 32mm



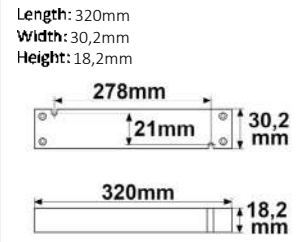
115475 | LED transformer 24V/DC, 0-100W, slim, SELV

nominal power **220-240V AC** protection class **IP20**
ambient temp. **-20° - 50°**



ISOLED

NEW



114226 | LED transformer 24V/DC, 0-100W, slim, Dali dimmable

nominal power **220-240V AC** protection class **IP20**
ambient temp. **-20° - 45°**

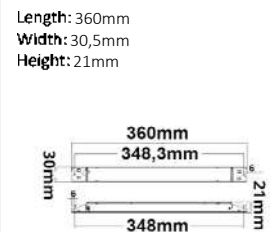


ISOLED

5 YEAR
GUARANTEE



strain relief
Set of 2
115813



114224 | LED transformer 24V/DC, 0-100W, slim, SELV

nominal power **220-240V AC** protection class **IP20**
ambient temp. **-20° - 45°**

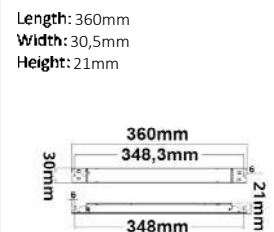


ISOLED

5 YEAR
GUARANTEE



strain relief
Set of 2
115813



114225 | LED PWM transformer 24V/DC, 0-100W, slim, 1-10V dimmable, SELV

nominal power **220-240V AC** protection class **IP20**
ambient temp. **-20° - 45°**

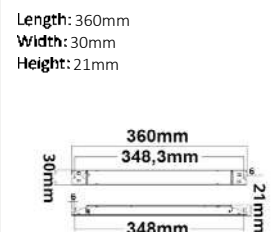


ISOLED

5 YEAR
GUARANTEE



strain relief
Set of 2
115813

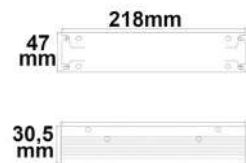


113140 | LED transformer 24V/DC, 0-100W, Mesh Slim

nominal power **220-240V AC** protection class **IP20**
 ambient temp. **0° - 50°**



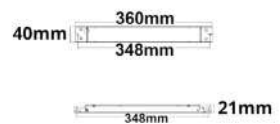
Length: 218mm
 Width: 47mm
 Height: 30,5mm


114218 | LED transformer 24V/DC, 0-150W, slim

nominal power **220-240V AC** protection class **IP20**
 ambient temp. **-25° - 45°**
 service life **50000 h L70|B10**



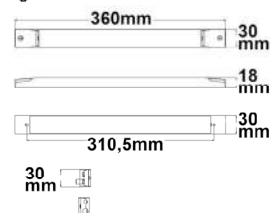
Length: 360mm
 Width: 40mm
 Height: 21mm


114946 | LED PWM transformer 24V/DC, 0-150W, slim, Push/Dali-2 dimmable, SELV

nominal power **176-264V AC** protection class **IP20**
 ambient temp. **-25 - 50°C**



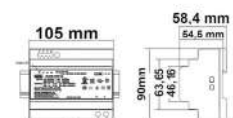
Length: 350mm
 Width: 30mm
 Height: 21mm


114352 | LED Top Hat Rail-transformer MW HDR-150-24, 21.6~29V DC, 0-150W

nominal power **85-264V AC** protection class **IP20**
 ambient temp. **-30° - 45°**

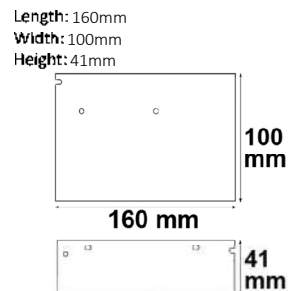


Length: 105mm
 Width: 90mm
 Height: 58,4mm



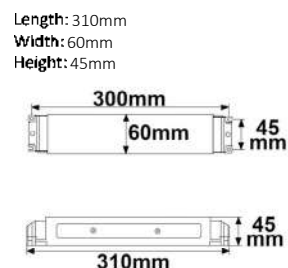
111070 | LED transformer 24V/DC, 0-150W, Mesh

nominal power **100-240V AC** protection class **IP20**
ambient temp. **0° - 50°**



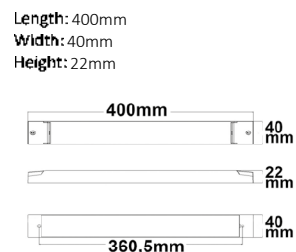
113518 | LED PWM transformer 24V/DC, 0-200W, IP20, 1-10V/Push/DALI dimmable

nominal power **220-240V AC** protection class **IP20**
ambient temp. **-20° - 50°**



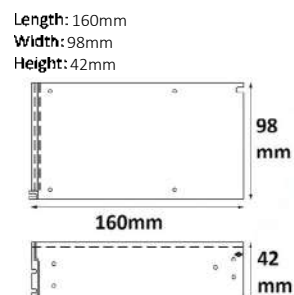
114947 | LED PWM transformer 24V/DC, 0-250W, slim, Push/Dali-2 dimmable, SELV

nominal power **176-264V AC** protection class **IP20**
ambient temp. **-25 - 50°C**



111183 | LED transformer 24V/DC, 0-250W, Mesh

nominal power **220-240V AC** protection class **IP20**
ambient temp. **0° - 50°**



113141 | LED transformer 24V/DC, 0-300W, Mesh Slim

nominal power

220-240V AC

protection class
ambient temp.

IP20

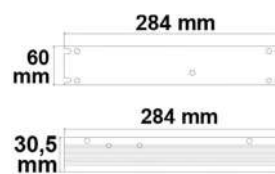
0° - 50°



ISOLED



Length: 284mm
Width: 60mm
Height: 30,5mm



LED TRANSFORMERS

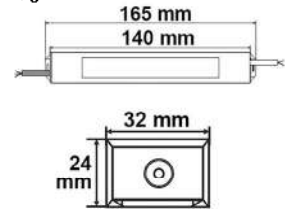
Transformer 12V IP65/IP67



111185 | LED transformer 12V/DC, 0-30W, IP66

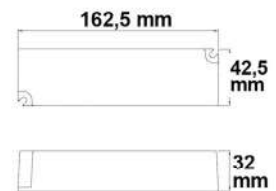

nominal power **170-250V AC** protection class **IP66**
 ambient temp. **-20° - 50°**

Length: 165mm
 Width: 32mm
 Height: 24mm


112325 | Transformer MW LPV 12V/DC, 0-60W, IP67

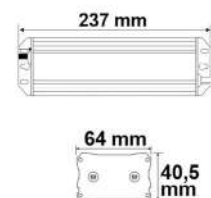

nominal power **90-264V AC** protection class **IP67**
 ambient temp. **-30° - 70°**

Length: 162,5mm
 Width: 42,5mm
 Height: 32mm


112425 | LED transformer 12V/DC, 15-60W, IP65, dimmable

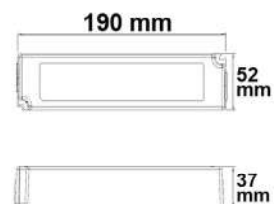

nominal power **170-250V AC** protection class **IP65**
 ambient temp. **-25° - 40°**

Length: 237mm
 Width: 64mm
 Height: 40,5mm


112327 | Transformer MW LPV 12V/DC, 0-100W, IP67


nominal power **90-264V AC** protection class **IP67**
 ambient temp. **-25° - 70°**

Length: 190mm
 Width: 52mm
 Height: 37mm



5 YEAR
 GUARANTEE

112480 | LED transformer 12V/DC, 20-100W, IP65, dimmable

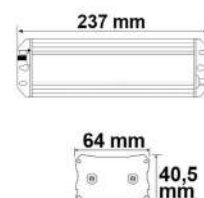


nominal power **170-250V AC** protection class
ambient temp.

IP65
-25° - 40°



Length: 237mm
Width: 64mm
Height: 40,5mm



113348 | LED transformer 12V/DC, 0-200W, IP67, dimmable, SELV

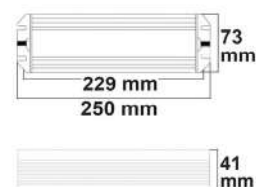


nominal power **220-240V AC** protection class
ambient temp.

IP67
-20° - 50°



Length: 250mm
Width: 73mm
Height: 41mm





LED TRANSFORMERS

Transformer 24V IP65/IP67



TRANSFORMER 24 V/DC
0-320 Watt



IP67 SELV



TRANSFORMER 24 V/DC
0-100 Watt



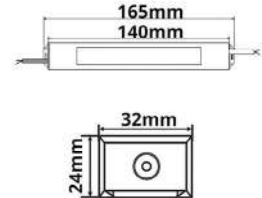
IP66 SELV

NEW

111189 | LED transformer 24V/DC, 0-30W, IP66

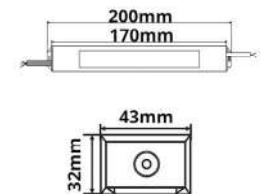

nominal power **170-250V AC** protection class **IP66**
 ambient temp. **-20° - 50°**

Length: 165mm
 Width: 32mm
 Height: 24mm


111190 | LED transformer 24V/DC, 0-60W, IP66

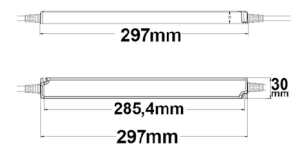

nominal power **170-250V AC** protection class **IP66**
 ambient temp. **-20° - 50°**

Length: 200mm
 Width: 43mm
 Height: 32mm


113710 | LED transformer 24V/DC, 0-60W, IP66, SELV

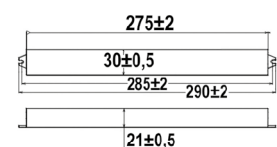

nominal power **200-240V AC** protection class **IP66**
 ambient temp. **-20° - 40°**

Length: 297mm
 Width: 30mm
 Height: 17mm


114942 | LED PWM transformer 24V/DC, 0-60W, slim, Push/Dali-2 dimmable, IP67, SELV


nominal power **176-264V AC** protection class **IP67**
 ambient temp. **-25 - 50°C**

Length: 290mm
 Width: 30mm
 Height: 21mm



112426 | LED transformer 24V/DC, 15-60W dimmable, IP65

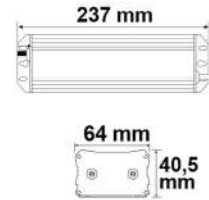


nominal power **170-250V AC** protection class
ambient temp.

IP65
-25° - 40°



Length: 237mm
Width: 64mm
Height: 40,5mm



114082 | LED transformer 24V/DC, 0-60W, IP67

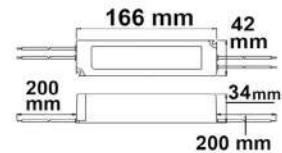


nominal power **100-250V AC** protection class
ambient temp.

IP67
-20° - 40°



Length: 166mm
Width: 42mm
Height: 34mm



115476 | LED transformer 24V/DC, 0-100W, IP66, SELV

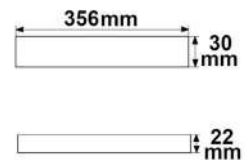


nominal power **200-240V AC** protection class
active power **100 W** ambient temp.

IP66
-20° - 40°



Length: 356mm
Width: 30mm
Height: 22mm



111191 | LED transformer 24V/DC, 0-100W, IP66

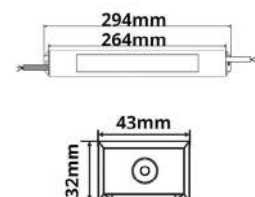


nominal power **170-250V AC** protection class
ambient temp.

IP66
-20° - 50°



Length: 294mm
Width: 43mm
Height: 32mm

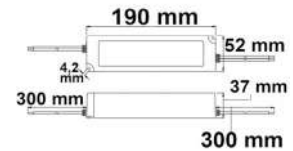


114083 | LED transformer 24V/DC, 0-100W, IP67

nominal power **100-250V AC** protection class **IP67**
 ambient temp. **-20° - 40°**



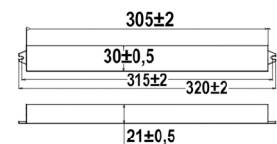
Length: 190mm
 Width: 52mm
 Height: 37mm


114943 | LED PWM transformer 24V/DC, 0-100W, slim, Push/Dali-2 dimmable, IP67, SELV

nominal power **176-264V AC** protection class **IP67**
 ambient temp. **-25 - 50°C**



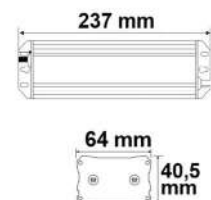
Length: 320mm
 Width: 30mm
 Height: 21mm


112481 | LED transformer 24V/DC, 20-100W dimmable, IP65

nominal power **170-250V AC** protection class **IP65**
 ambient temp. **-25° - 40°**



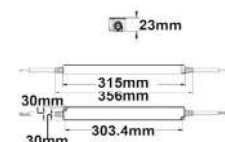
Length: 237mm
 Width: 64mm
 Height: 40,5mm


114221 | LED transformer 24V/DC, 0-150W, IP65, slim

nominal power **200-240V AC** protection class **IP65**
 ambient temp. **-20° - 45°**
 service life **30000 h L70|B10**



Length: 315mm
 Width: 30mm
 Height: 23mm

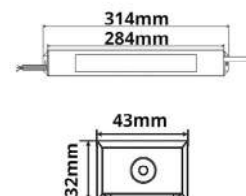


111192 | LED transformer 24V/DC, 0-150W, IP66



nominal power **170-250V AC** protection class **IP66**
ambient temp. **-20° - 50°**

Length: 314mm
Width: 43mm
Height: 32mm



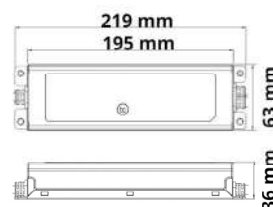
112713 | LED transformer MW ELG-150-24B 24V/DC, 0-150W, 1-10V (60-150W) dimmable, IP67, SELV



5 YEAR
GUARANTEE

nominal power **180-295V AC** protection class **IP67**
ambient temp. **-25° - 55°**

Length: 219mm
Width: 63mm
Height: 36mm



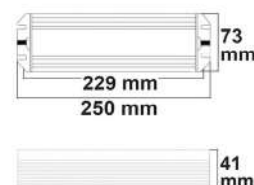
113349 | LED PWM transformer 24V/DC, 10-200W dimmable, IP67, SELV



ISOLED

nominal power **220-240V AC** protection class **IP67**
ambient temp. **-20° - 50°**

Length: 250mm
Width: 73mm
Height: 41mm



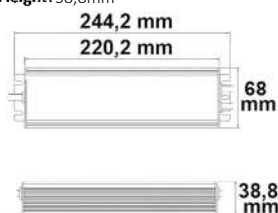
112712 | LED Transformer MW HLG240H-24B 24V/DC, 0-240W, 1-10V (100-240W) dimmable, IP67, SELV



5 YEAR
GUARANTEE

nominal power **100-240V AC** protection class **IP67**
ambient temp. **-25° - 70°**

Length: 244,2mm
Width: 68mm
Height: 38,8mm

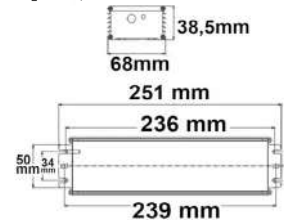


113711 | LED transformer 24V/DC, 0-240W, 1-10V dimmable, IP67

nominal power **100-277V AC** protection class **IP67**
 ambient temp. **-20° - 40°**


ISOLED
5 YEAR
 GUARANTEE

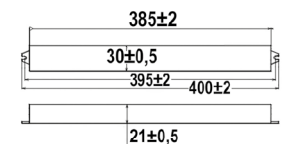

Length: 251mm
 Width: 68mm
 Height: 38,5mm


114944 | LED PWM transformer 24V/DC, 0-240W, slim, Push/Dali-2 dimmable, IP67, SELV

nominal power **176-264V AC** protection class **IP67**
 ambient temp. **-25 - 50°C**


ISOLED

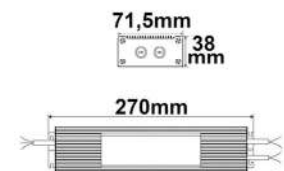

Length: 395mm
 Width: 30mm
 Height: 21mm


113708 | LED transformer 24V/DC, 10-300W, IP66, SELV

nominal power **170-240V AC** protection class **IP66**
 ambient temp. **-20° - 40°**


ISOLED

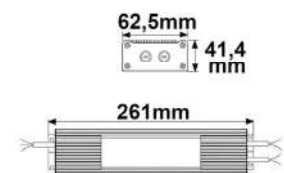

Length: 270mm
 Width: 72mm
 Height: 38mm


115456 | LED transformer V2, 24V/DC, 0-320W, IP67, SELV

nominal power **200-240V AC** protection class **IP67**
 active power **320 W** ambient temp. **-20° - 40°C**


ISOLED
NEW


Length: 261mm
 Width: 62,5mm
 Height: 41,4mm



114081 | LED PWM transformer 24V/DC, 0-400W, 1-10V dimmable, IP67, SELV

nominal power **100-240V AC** protection class **IP67**
ambient temp. **-20° - 40°**



ISOLED

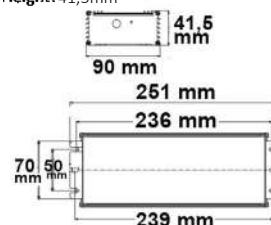
5 YEAR
GUARANTEE



SELV



Length: 251mm
Width: 90mm
Height: 41,5mm





LED TRANSFORMERS

Transformer 48V IP20 - IP67

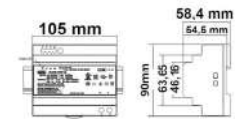


114353 | LED Top Hat Rail-transformer MW HDR-150-48, 43.2~55.2V DC, 0-150W, IP20

nominal power **85-264V AC** protection class **IP20**
 ambient temp. **-30° - 45°**



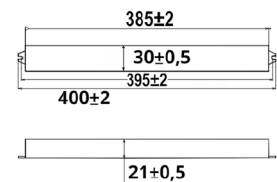
Length: 105mm
 Width: 105mm
 Height: 90mm


114945 | LED PWM transformer 48V/DC, 0-240W, slim, Push/Dali-2 dimmable, IP67, SELV

nominal power **176-264V AC** protection class **IP67**
 ambient temp. **-25 - 50°C**



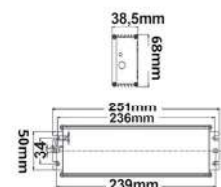
Length: 395mm
 Width: 30mm
 Height: 21mm


114222 | LED transformer 48V/DC, 0-250W, 1-10V dimmable, IP67

nominal power **180-528V AC** protection class **IP67**
 ambient temp. **-20° - 40°**
 service life **100000 h₇₀ | B10**



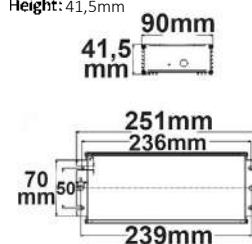
Length: 251mm
 Width: 68mm
 Height: 38,5mm


114223 | LED transformer 48V/DC, 0-400W, 1-10V dimmable, IP67

nominal power **180-528V AC** protection class **IP67**
 ambient temp. **-20° - 40°**
 service life **100000 h₇₀ | B10**



Length: 251mm
 Width: 90mm
 Height: 41,5mm







We are your LED full service provider for customised solutions

"I would like to briefly highlight that although not a major customer, I always feel very well taken care of and treated as a full partner - thank you for that!"

Feedback from customer survey 2022

INSTALLATION MATERIAL

CUSTOMISED LIGHT SOLUTIONS



PAGE 547
Surge protection

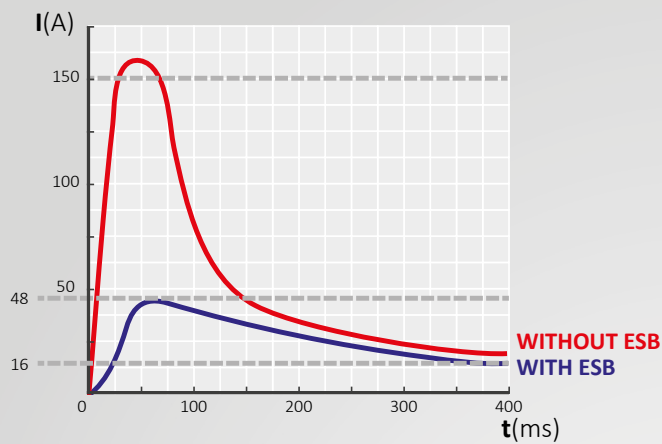


PAGE 549
Plug system



PAGE 553
Cables/connectors/sockets





Working example with B16 protective machines

For the ESB from ISOLED® Item no. **113373**, we recommend a B13A as the smallest protective device. In the illustration shown here you can see the operation of the inrush current limiter in conjunction with a B16 machine.

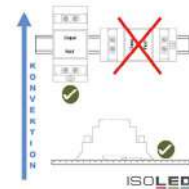
A B16 automatic circuit breaker trips at 3 to 5 times of the 16 A rated current. I.e. at the earliest at 48 A. The rms value responsible for the magnetic tripping current of a circuit breaker is 0.707 lower than the peak current.

The interconnected inrush current limiter limits the starting current to 48 A ($33.9 A_{\text{effective}}$) for 300 ms (T_{on}) and thus prevents the B16 circuit breaker from tripping.

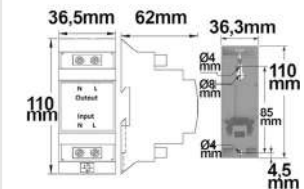
113373 | Startup current limiter 16A for capacitive loads, Top Hat Rail mounting



nominal power **184-285V AC** protection class **IP20**
 ambienttemp. **-40° - 70°**



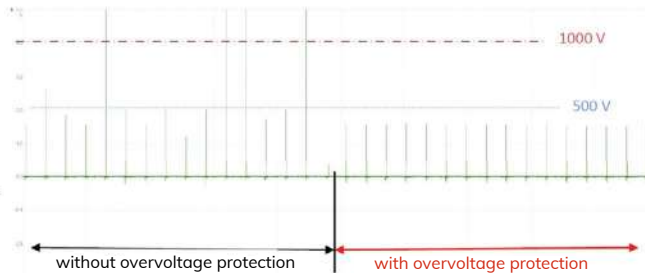
Length: 110mm
 Width: 36,5mm
 Height: 62mm



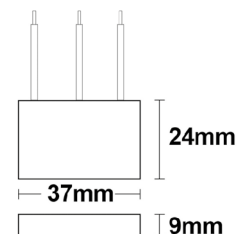
111349 | Surge protection, fine protection for LED technology, T3



nominal power **220-255V AC** protection class **IP20**
 active power **680 W** ambienttemp. **-15° - 60°**



Length: 37mm
 Width: 24mm
 Height: 9mm



114039 | LED interference suppression, discharge and compensation module, extinguishing element

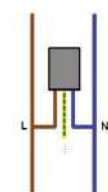


nominal power **250VA CI** protection class **P20**
 ambienttemp. **-40° - 85°**
 service life **25000h L70|B10**

Attention: Only use the capacitor on AC voltage in parallel connection and never in series connection!

Place the module as close as possible to the consumer. A quiet whirring noise occurs during operation.

Length: 44mm
 Width: 16mm
 Height: 30mm



INSTALLATION MATERIAL

Plug system



OVERVIEW

CONNECTION COVER

- 113549
- 113550

CONNECTION CABLE FEMALE

- 2 pole | 113527
- 2 pole | 113528

CONNECTION CABLE MALE

- 2 pole | 113524
- 2 pole | 113525

RGB CONNECTION CABLE FEMALE

- 4 pole | 113546

RGB CONNECTION CABLE MALE

- 4 pole | 113545

6-WAY DISTRIBUTOR FEMALE

- 2 pole | 113532
- 2 pole | 113534

EXTENSION MALE-FEMALE

- 2 pole | 113529
- 2 pole | 113530

TRANSFORMER

RGB 6-WAY DISTRIBUTOR FEMALE

- 4 pole | 113548

RGB EXTENSION MALE-FEMALE

- 4 pole | 113547

RGB CONNECTION CABLE MALE

- 4 pole | 113545

2-WAY DISTRIBUTOR FEMALE

- 2 pole | 113535
- 2 pole | 113537



113527 | Mini-Plug
connector socket female, 1m,
2x0.75, IP54, white-green,



113524 | Mini-Plug
connection cable male, 1m,
2x0.75, IP54, white-green,



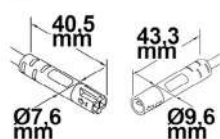
113528
Mini-Plug connector socket female, 1m,
2x0.75, IP54, black, max. 48V



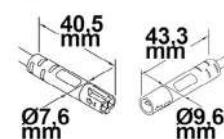
113525
Mini-Plug connection cable male, 1m,
2x0.75, IP54, black, max. 48V



113529 | Mini-Plug
extension male-female, 1m,
2x0.75, IP54, white-green,



114174 | Mini-Plug
extension male-female, 3m,
2x0.75, IP54, white-green,



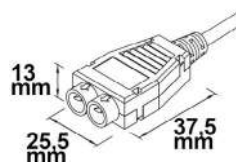
113530
Mini-Plug extension male-female, 1m,
2x0.75, IP54, black, max. 48V



114175
Mini-Plug extension male-female, 3m,
2x0.75, IP54, black, max. 48V



113535 | Mini-Plug 2-way
distributor female, 1m,
2x0.75, IP54, white-green,



113532 | Mini-Plug 6-way
distributor female, 1m,
2x0.75, IP54, white-green,



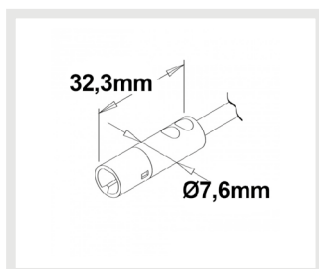
113537
Mini-Plug 2-way distributor female, 1m,
2x0.75, IP54, black, max. 48V



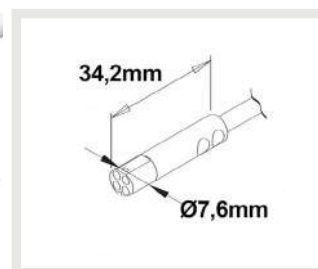
113534
Mini-Plug 6-way distributor female, 1m,
2x0.75, IP54, black, max. 48V



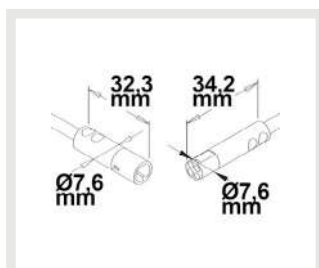
113546 | Mini-Plug RGB
connector socket female, 1m,
4-pin, IP42, white, max. 48V



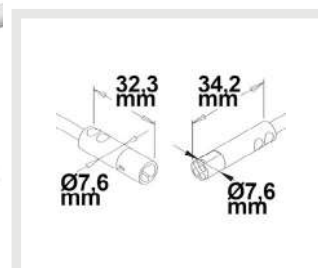
113545 | Mini-Plug RGB
connection cable male, 1m,
4-pin, IP42, white, max. 48V



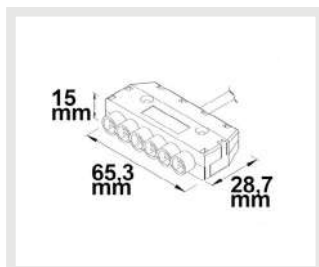
113547 | Mini-Plug RGB
extension male-female, 1m,
4-pin, IP54, white, max. 48V



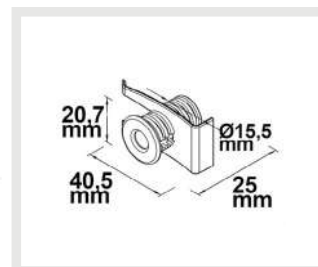
114176 | Mini-Plug RGB
extension male-female, 3m,
4-pin, IP54, white, max. 48V



113548 | Mini-Plug RGB
6-way distributor female, 1m,
4-pin, IP54, white, max. 48V



113549 | Mini-Plug
connection panel with strain
relief for 113527/113546,



INSTALLATION MATERIAL

Cables / connectors / sockets



**Extended accessories for
an Odenwald ceiling**

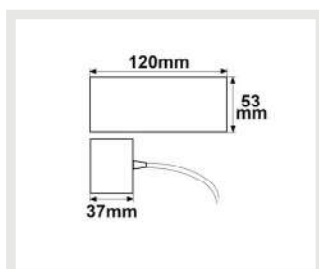
Cable by the meter

NEW



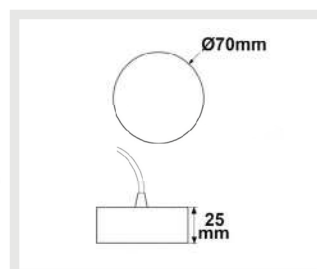
Length: 120mm
Width: 53mm
Height: 37mm

114170 | Ceiling canopy square white incl. 2-pole fabric coated cable 1.5m with



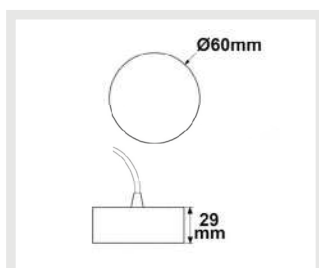
Height: 25mm Dia.: 70mm

114172 | Ceiling canopy round 70mm, white incl. 2-pole fabric coated cable



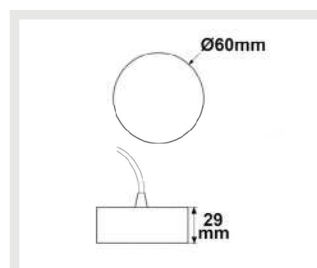
Height: 29mm Dia.: 60mm

114940 | Ceiling canopy round 60mm, black incl. 2-pole fabric coated cable



Height: 25mm Dia.: 60mm

114941 | Ceiling canopy round 60mm, white, incl. 2-pole fabric cable 1,5m



115802 | Ceiling clip suspension for grid ceilings - Odenwald ceilings up to



115804 | Wire rope holder hook with unhooking protection for steel wire rope

NEW



115806 | Rope clamp Rope connector for wire rope 1-2mm

NEW



115805 | Steel cable 1,5mm 5m

NEW

NEW



115803 | Steel cable with ball head 1,5mm, 1,5m



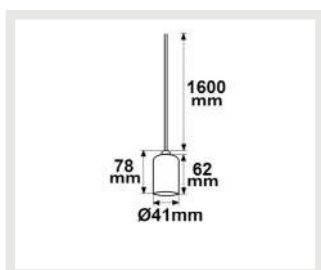
111255 | MR16/GU5.3 socket ceramic 0-12V

Height: 10mm Dia.: 17mm



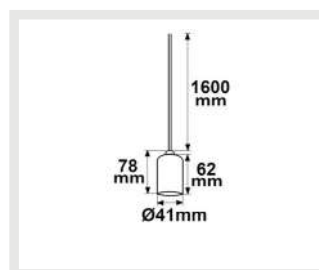
115196 | E27 socket black with black cable 300cm

Height: 78mm Dia.: 41mm



115195 | E27 socket black with black cable 160cm

Height: 78mm Dia.: 41mm



111121 | GU10 socket ceramic, 0-230V

Length: 27mm
Width: 27mm
Height: 15mm



112131 | E27 socket ceramic, 0-230V

Length: 45,8mm Dia.: 41mm



111818 | GU10 socket ceramic with bracket, 0-230V

Length: 27mm
Width: 27mm
Height: 15mm



111169 | Connection cable 1.5m with flat plug, white, 230V

Length: 1,5m



111172 | Connection cable
1.5m with flat plug and rocker
switch, black, 230V

ISOLED

Length: 1,5m



113002 | MiniAMP 60cm
wire to 4-way distributor
female socket, max. 3A

ISOLED



112973 | Cable connector
IP67, clamping gland + screw
terminals 2x3pole

ISOLED

Length: 87mm
Width: 27mm



112974 | Cable connector
IP67, clamping gland +
push-in terminal 2x4pole

ISOLED

Length: 129mm
Width: 60mm
Height: 36mm



112975 | Cable Y-connector
IP67, clamping gland +
push-in terminal 2x4pole

ISOLED

Length: 130,3mm
Width: 80,7mm
Height: 35,7mm



114707 | Connection cable
30cm with female IP67
female plug, 4-pin 0.5mm²

ISOLED

Length: 300mm



114708 | Connection cable
30cm with male plug IP67,
4-pole 0.5mm²

ISOLED

Length: 300mm



114709 | Connection cable
250cm with female IP67
female plug, 4-pin 0.5mm²

ISOLED

Length: 2,5m



114710 | Connection cable
250cm with male plug IP67,
4-pin 0.5mm²

ISOLED

Length: 2,5m



114711 | Extension cable
250cm female-male IP67,
4-pin 4x0.5mm²

ISOLED

Length: 2,5m



114712 | Extension cable
500cm female-male IP67,
4-pin 0.5mm²

ISOLED

Length: 5m



113523 | Cable 50m roll
3-pole 0.75mm² H03VV-F PVC
sheath transparent AWG18

ISOLED

Length: 50m



114704 | Cable 25m roll
2-pin 0.75mm² H03VH-H
YZWL, black/red, AWG18

ISOLED

Length: 25m



114706 | Cable 25m roll
2-pin 0.75mm² H03VH-H
YZWL, white/white, AWG 18

ISOLED

Length: 25m



114705 | Cable 50m roll
2-pin 0.75mm² H03VH-H
YZWL, black/red, AWG18

ISOLED

Length: 50m



114703 | Cable 25m roll
2-pole 0.75mm² H03VVH2-F
PVC jacket white, VDE

ISOLED

Length: 25m



114163 | Cable 50m roll
2-pole 1.5mm² H03VH-H
YZWL, black/red, AWG16

Length: 50m



113346 | Cable CCT 10m roll
3-pole 0.75mm² H03VH-H
AWG18

Length: 10m



114713 | Cable CCT 25m roll
3-pole 0.75mm² H03VH-H
AWG18

Length: 25m



112324 | Cable RGB 10m roll
4-pin 0.50mm² H03VH-H
AWG20

Length: 10m



114714 | Cable RGB 25m roll
4-pin 0.50mm² H03VH-H
AWG20

Length: 25m



112940 | Cable RGB+W 10m
roll 5-pin 0.50mm² H03VH-H
AWG20

Length: 10m



114715 | Cable RGB+W+WW
10m roll 6-pin 0.5mm²
H03VH-H AWG20

Length: 10m



111140

Cable RGB meter ware 4-pole 0.50mm²
SIHF silicone sheath AWG20



NEW 115521

Cable CCT 3x0.75mm² H03VH-H
AWG18, sold by meter



NEW 115754

Cable rubber sheathed, black,
3x0.75mm² H05RR-F 3G, sold by meter



NEW 115797

Cable halogen free jacketed, grey,
4x0.5mm² HSLH-OZ, sold by meter



NEW 115796

Cable halogen free jacketed, grey,
2x0.75mm² HSLH-OZ, sold by meter



NEW 115880

Cable PUR coated black, 2x0.75mm²
LI12Y11Y, sold by meter



NEW 115879

Cable PUR coated black, 4x0.50mm²
LI12Y11Y, sold by meter



NEW 115751

Cable PVC sheathed, black, 2x0.75mm²
H05VV-F, sold by meter



NEW 115752

Cable PVC sheathed, black, 3x0.75mm²
H05VV-F 3G, sold by meter



NEW 115753

Cable PVC sheathed, white, 3x0.75mm²
H05VV-F 3G, sold by meter



NEW 115522

Cable RGB 4x0.50mm² H03VH-H
AWG20, sold by meter



NEW 115523

Cable RGB+W 5x0.50mm² H03VH-H
AWG20, sold by meter



NEW 115520

Cable black/red 2x0.75mm² H03VH-H
YZWL AWG18, sold by meter



NEW 115742

Cable fabric coated, white, 2x0.75mm²
AWG18, sold by meter



NEW 115744

Cable fabric coated, white, 3x0.75mm²
AWG18, sold by meter



NEW 115743

Cable fabric coated, black, 2x0.75mm²
AWG18, sold by meter



NEW 115745

Cable fabric coated, black, 3x0.75mm²
AWG18, sold by meter

INDEX

ART.NO.	PA.	ART.NO.	PA.	ART.NO.	PA.	ART.NO.	PA.	ART.NO.	PA.	ART.NO.	PA.	ART.NO.	PA.	ART.NO.	PA.	ART.NO.	PA.
107511	58	111979	416	112337	403	112500	495	112975	556	113254	83	113335	232	113451	152	113587	138
107512	61	111989	509	112338	403	112501	494	112977	290	113255	83	113336	232	113452	152	113589	495
107601	59	111993	426	112339	408	112502	494	112982	138	113256	83	113337	232	113453	152	113680	398
107604	59	111994	247	112340	408	112503	494	112983	138	113257	83	113338	232	113454	152	113681	397
107624	58	112000	267	112343	321	112504	494	112998	492	113258	83	113339	232	113498	150	113682	397
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115079	430	115133	37	115205	323	115254	424	115516	467	115633	206	115692	281	115805	554
115080	228	115144	296	115206	323	115456	538	115517	469	115634	206	115693	281	115806	554
115081	228	115145	148	115208	198	115457	258	115518	472	115635	206	115694	281	115807	470
115084	169	115146	148	115209	198	115458	258	115520	559	115636	206	115695	281	115808	352
115085	169	115147	148	115210	198	115459	258	115521	559	115637	336	115696	281	115809	306
115086	168	115148	148	115211	198	115460	275	115522	559	115638	336	115697	281	115810	306
115087	168	115149	148	115212	205	115461	275	115523	559	115639	338	115709	86	115811	306
115088	168	115150	129	115213	205	115462	275	115524	367	115640	338	115710	86	115812	306
115089	168	115151	129	115214	204	115463	258	115525	524	115641	132	115711	86	115813	525
115090	168	115152	129	115215	204	115464	259	115589	31	115642	132	115712	87	115814	119
115091	168	115153	129	115216	204	115465	259	115590	33	115643	132	115713	87	115815	119
115092	141	115154	116	115217	204	115466	275	115591	348	115644	132	115714	87	115816	119
115093	141	115155	116	115218	204	115467	276	115592	348	115645	216	115715	87	115817	119
115094	141	115156	73	115219	204	115468	276	115593	348	115646	216	115716	87	115818	119
115095	141	115157	73	115220	204	115469	259	115594	348	115647	216	115717	87	115819	119
115096	141	115158	73	115221	204	115470	259	115595	261	115648	216	115736	235	115820	238

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Imprint This catalogue is produced and published by ISOLED® | FIAI Handels GmbH in Egerbach 48, A-6334 Schwoich, AUSTRIA.

Company register number FN304126w | UID number: ATU63995500

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LEGEND



dimmable



walk-on



drive-on



swiveling



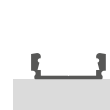
impact-resistant up to 6 Joules



Quick assembly



Linear LED pendant light



Surface-mount Profile



Recessed profile



maximum flex stripe width

3 YEAR
GUARANTEE

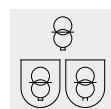
4 YEAR
GUARANTEE

5 YEAR
GUARANTEE

Optional extension of warranty period All additional products and services according to our general terms and conditions and warranty conditions. Additional warranty period extensions available on request.



Can be attached to "normally flammable" equipment items. Among others this includes wooden surfaces.



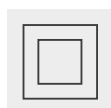
Isolating transformer short-circuit-proof | Short-circuit-proof/protective insulated | Not short-circuit-proof



Do not reach temperatures that can lead to the ignition of materials of unknown fire behaviour. Limited surface temperature 90° in normal operation!



Device of protection class I with protective earthing



Transformer with double or strengthened insulation. No protective conductor must be connected!



This products meets the currently applicable standards and regulations. We can provide you with the CE declaration of conformity on request.



Transformer for use outside lights.



The CE conformity was tested by an external institute.



Temperature-protected transformer. Maximum temperature in the event of a fault 110 °C



Various parameters such as e.g. EMC, fire performance etc. were tested by a TÜV institute. The certificates are provided on request to the market regulatory authorities.



Security transformer



Lights with limited surface temperature for fire-hazard environments. Therefore approved for woodworking shops, barns ...

Here please note: Shipping costs on request! Items with this marking require special freight costs due to their dimensions.



The assembly/installation as well as operation of this item in proximity to foodstuffs of any type is without concern. The quality of the food is neither affected nor impaired.

For colored products, we sometimes specify the color codes of the internationally used and standardised color system (color table) RAL. In such a case, the actual color of the product obtained is considered to be an approximation of the specified RAL color code. Slight color deviations within small tolerance ranges cannot be excluded.

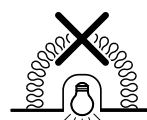
Important notice: Please note that any transformers and luminaires must never be directly covered (e.g. with thermal insulation material).



For direct mounting on normally flammable surfaces NOT suitable luminaire.



For installation in wood or suspended ceilings of normally flammable materials NOT suitable luminaire.



Luminaire or control gear must NOT be covered with heat insulation materials.
Applies to all items.

YOUR PARTNER

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