

ISOLED®

CUSTOMISED LIGHT SOLUTIONS

2023 Flex strips & profiles



AT WWW.ISOLED.AT DE WWW.ISOLED.DE CH WWW.ISOLED.CH





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.



Specialist and wholesale trade trade and commerce

Commercial wholesale customers Architects and planners

Industrial customers Local authorities

EMPLOYEES

NATIONS

4.121.688 WEBSITE CALL/YEAR

+ 95.000 @

SUBSCRIBE TO NEWSLETTER



1088

35.000 PIECE/EDITION

LANGUAGES











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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

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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CUSTOMISED LIGHT SOLUTIONS

SUSTAINABLE EFFICIENCY IMPROVEMENT WITH SMART LED LIGHTING CONCEPTS







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



INTELLIGENT PROJECT LIGHTING SOLUTIONS

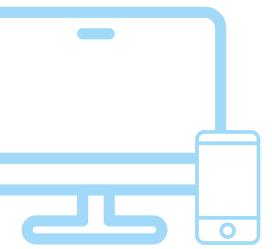
Scalable LED control technology Holistic LED lighting systems Personal project support



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



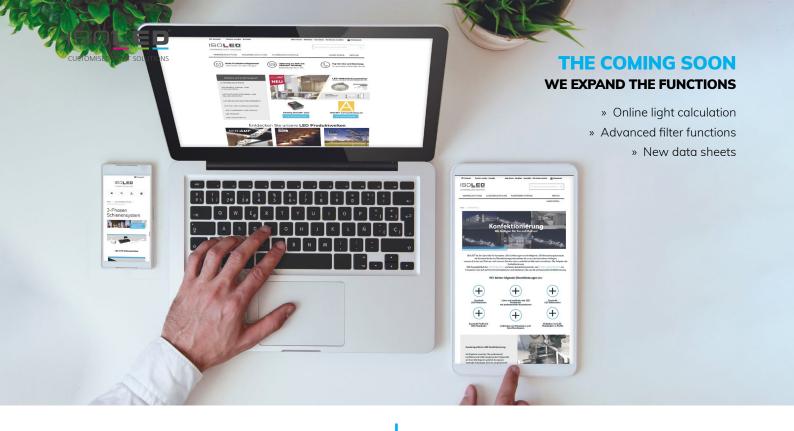
Free online and offline version of the ISOLED® catalog



Direct order entry Order history can be called up at any time



Status overview and online tracking of orders placed



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.

(db)

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





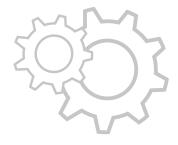




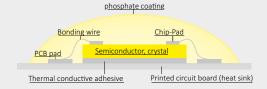
ISOLED®- TECHNOLOGY

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.







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

QUALITY IS MEASURABLE

Failure rate with ISO-LED®-Articles 2021 **0,451%**

Binning at $ISOLED^{\circledast}$ 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.

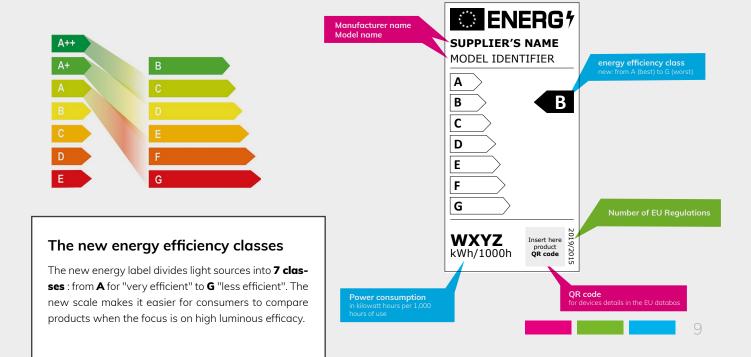
DIMENSION OF THE MACADAMELLIPSIS	1 SWE	2-3 SWE	> 4 SWE	
Quality of the color homogeneity	*No perceptible color difference	*Barely perceptible color difference	*Visible color difference	

^{*}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.





GUARANTEED QUALITY

TROUBLE-FREE OPERATIONAL SAFETY

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



BOS SEAL BOS

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.

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





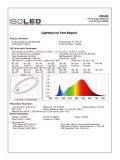






ULBRICHT SPHERE

TEST REPORT LED FLEX STRIPE



COMING SOON

More information, more values, more benefits: Starting this fall, you will receive even more comprehensive product data sheets from us.

CIE Colorimetric Parameters

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

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

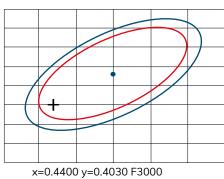
HALF BANDWIDTH: 158.3 nm DOMINANT WAVELENGTH: 583.9 nm COLOR PURITY: 0.483

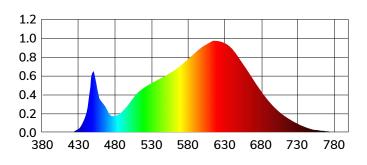
CRI: Ra Ra= 91.7, avgR(1~14)= 88.7, avgR(1~15)= 88.7, TM30: Rf= 90, Rg= 101

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: Qa= 88.9, Qf= 89.2, Qp= 93.1, Qg= 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

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 Parameters

LUMINOUS FLUX: 2217.67 lm EFFICIENCY: 154.13 lm/W

EEI: 0.09 ENERGY

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

FLUX (CIE R.): 2518.04 lm (Lp= 0.100 cd/m², S/P= 1.41)

RADIANT POWER: 7.554 W

Electric Parameters

VOLTAGE 24.000 V **CURRENT:** 0.5995 A

 $\textbf{POWER} \ 14.39 \ \text{W} \ \textbf{POWER} \ \textbf{FACTOR} \ 1.0000 \ \textbf{FREQUENCY} \ 0.00 \ \text{Hz}$

Test Infomation

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



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 assessmen

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

COMING SOON e information, more valu

More information, more values more benefits: Starting this fall, you will receive even more comprehensive product data

IN SHORT-TERM AND LONG-TERM OPERATION



LONG-TERM TEST

PRODUCT IMAGE

INCOMING GOODS & QUALITY CONTROL

W/var Powerfactor

Lumen Luminous flux

Kelvin Color temperature

CRI Color rendering

EEI Energy efficiency

• Beam angle

IK impact resistance

mm Dimensions

Flicker values SVM/Pst

Identification

Residual current

Color spectrum

Inrush current (max.)

EMC test

Harmonic/distortion factor

Component screening

Risk assessment

Switching and dimming cycles

Vibration resistance

Overvoltage resistance up to 280 V AC

Voltage peak resistance (1-3

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

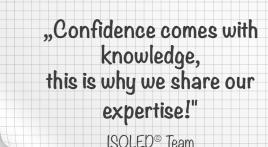
It is very important to us that you and your staff are involved in the topics

- » 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.



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 know-ledge 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





THE NEW PRODUCT CATALOG ISOLED® 2023 COLLECTION

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.

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.

ISOLED® 2023 MAIN CATALOG

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









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

ISOLED® 2023

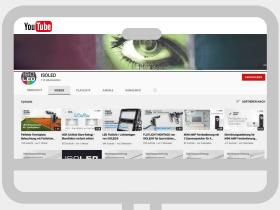
DISCOVER ISOLED® ON YOUTUBE

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.







CUSTOMER SURVEY 2022

SUBSTANTIATED | PRESTIGIOUS | AUTHENTIC

1931 CUSTOMERS RESPONDED

13.2% Participation **15** Nations **45** Questions FROM 14,650 customers



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?



SERVICE & ADVICE

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





QUALITY

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





ABILITY TO DELIVER

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





PRICE PERFORMANCE

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



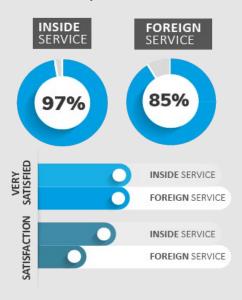


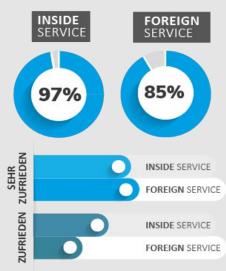
AVAILABILITY & RELIABILITY

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



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



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. Wesupportyou 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



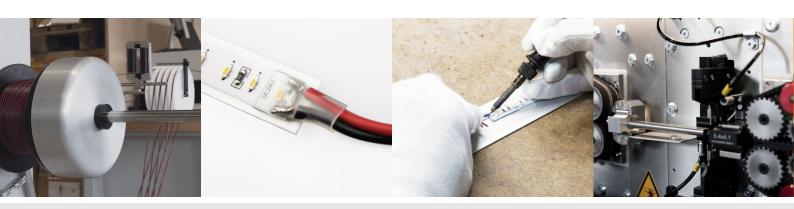
Attachment of infeeds, closure caps and cabling

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!



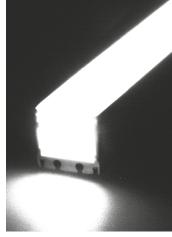


CUSTOMIZED FOR YOU IN ONLY 5 WORKING DAYS!

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





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 Overviewsposter | Box cross-section



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





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



LED flex stripes



LED controllers



LED transformers



LED profiles



Installation materials

LED flex stripes

PAGE 25

LED controllers PAGE 159

LED transformers

PAGE 209

LED profiles PAGE 249

LED installation materials PAGE 381



Homogenous lighting solutions with powerful Highend-LED-Technology

"Good selection, and the availability of 10 and 20 meter LED stripes is excellent"

Feedback from customer survey 2022



LED FLEX STRIPES

CUSTOMISED LIGHT SOLUTIONS



PAGE 39AQUA series



PAGE 55NEON series



PAGE 59NEON Professional
Custom series



PAGE 69 Constant Current series



PAGE 75HEQ series



PAGE 85COB linear series



PAGE 95 LINEAR CRI90+ series



PAGE 111LINEAR 48V
CRI90+ series



PAGE 117 MICRO series



PAGE 125
Digital
SPI/Neopixel
flex stripes



PAGE 129Flex stripes for special applications



PAGE 135 SIL IP66 series



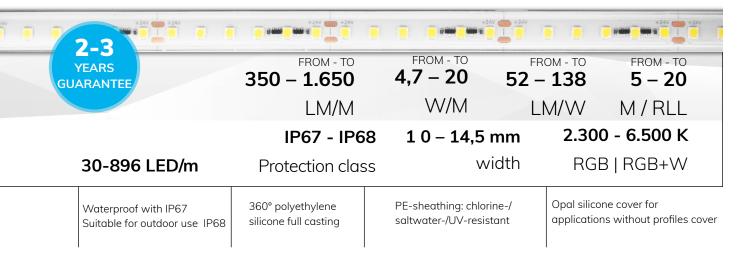
PAGE 143SIL IP20 series



PAGE 151Flex stripes accessories



AQUA SERIES PAGE 39



NEON SERIES

		FROM - TO 240 - 600 9,6		ROM - TO - 14,4	FROM - TO 25 - 60	TITOW TO	
	LM/M			W/M	LM/W	M/RLL	
			IP66	4 – 13 r	nm 3.000) - 5.000 K	
140	-240 LED/m	Protection	class	Wi	dth	WD RGB	
	Bendable light line	Excellent light homogeneity	Innovative element	3	Incl. installation bracend caps, sealing copound		



NEON PROFESSIONAL CUSTOM SERIES **PAGE 59**

3 **YEARS GUARANTEE**

FROM - TO 313 - 1854 FROM - TO 6 - 19

FROM - TO 21 - 103 FROM - TO

LM/M

W/M

LM/W

5 - 30M/RLL

IP67 - IP68

6 - 30 mm

2.700 - 6.500 K

48-479 LED/m

Protection class

width

WD | RGB

Bendable light line

Ambient temperature from -25°C to 60°C

Tailored to your needs

PE-sheathing: chlorine-/ salt water / UV / oil / detergent resistant

CONSTANT CURRENT SERIES

PAGE 69



FROM - TO 1.100 - 3.200

FROM - TO 11 – 20

FROM - TO 92 - 160

FROM - TO 5 - 15

LM/M

W/M

LM/W

M/RLL

120-140 LED/m

IP20 - IP68

10 - 12 mm

2.700 - 6.500 K

Protection class

width

WD | RGB

An infeed for up to 15 m length

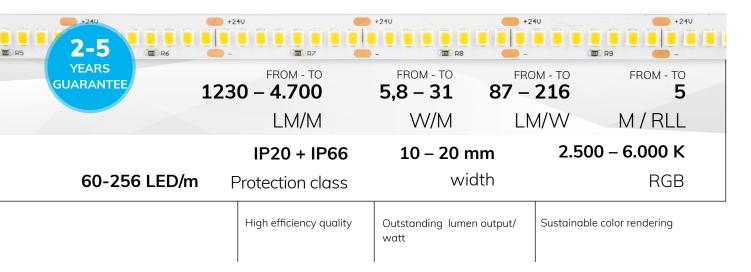
24 V DC constant voltage with CC -Technology

Uniform brightness on the entire flex stripes-length

Full spectrum flex stripes in the range



HEQ SERIES



COB LINEAR SERIES PAGE 85

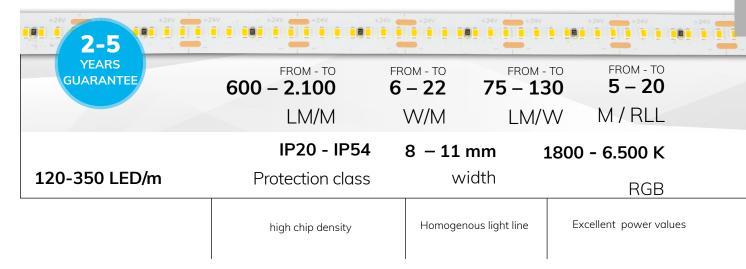




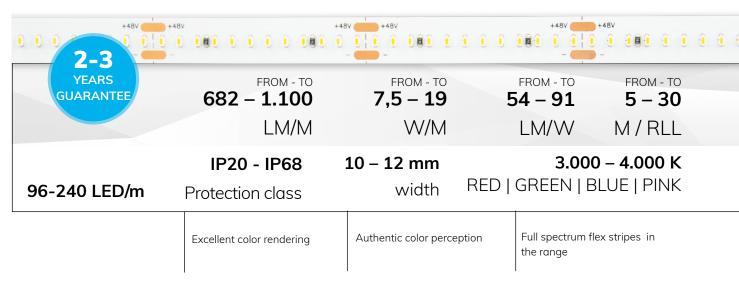


LINEAR CRI90+ SERIES

PAGE 95



LINEAR 48V CRI90+ SERIES





MICRO SERIES

PAGE 117



DIGITAL SPI/NEOPIXEL

FLEX STRIPES







FLEX STRIPES FOR

SPECIAL APPLICATIONS

PAGE 129

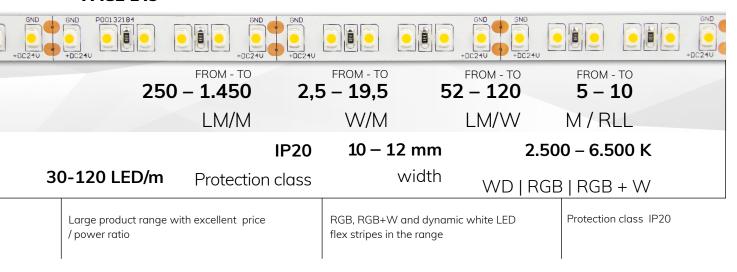


SIL IP66 SERIES





SIL IP20 FLEX STRIPES





CUSTOMISED ASSEMBLY

Focus your efforts on your core competences.

WE TAKE OVER THE PROFESSIONAL MANUFACTURING!

We are a customer-oriented company and in addition to our comprehensive product range, we offer services with sustainable added value. This includes the professional manufacture of lighting elements with LED flex stripes, LED alu profiles and their additional components, which we are pleased to carry out for you.

Competent and reliable according to custom requirements!

You save valuable working time!

You can immediately start with the installation!

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

We advise you.



CUTTING



CONNECT



WIRING



INSULATE

Manufactured light elements
Precise manufacturing
Delivery ready for installation

PRECISE - FAST - RELIABLE

OVERVIEW FLEX STRIPES

DYNAMIC WHITE + RGB

Dynamic white *Sorting: 1800K - 3000K

Item no.	Page	Light color	LED/m	Length	Width	Power W/m	lm/W	Protection- class	series
114895	105	1800 - 4000 K	240 LED/m	5.0 m/roll	10,0 mm	19 W/m	84 lm/W	IP20	LINEAR series
115626	83	1900 - 4000 K	256 LED/m	5.0 m/roll	10,0 mm	13,0 W/m	115 lm/W	IP20	HEQ series
115627	82	1900 - 6000 K	256 LED/m	5.0 m/roll	10,0 mm	13,0 W/m	142 lm/W	IP20	HEQ series
113553	105	2300 - 5000 K	240 LED/m	5.0 m/roll	10,0 mm	19 W/m	87 lm/W	IP20	LINEAR series
114987	51	2300 - 5000 K	240 LED/m	5.0 m/roll	12,0 mm	19 W/m	87 lm/W	IP68	AQUA series
115698	104	2300 - 6000 K	240 LED/m	5.0 m/roll	10,0 mm	19,8 W/m	101 lm/W	IP20	LINEAR series
115321	67	2700 - 5700 K	240 LED/m	5.0 m/roll	6,5 mm	8 W/m	40 lm/W	IP68	NEON Pro. Custom
115354	65	2700 - 5500 K	240 LED/m	5.0 m/roll	12,0 mm	10 W/m	71 lm/W	IP67	NEON Pro. Custom
115298	66	2700 - 6000 K	240 LED/m	5.0 m/roll	10,0 mm	10 W/m	89 lm/W	IP68	NEON Pro. Custom
115786	89	2700 - 6500 K	640 LED/m	5.0 m/roll	10,0 mm	13,8 W/m	103 lm/W	IP20	COB linear series
115787	47	2700 - 6500 K	640 LED/m	5.0 m/roll	12,5 mm	13,8 W/m	93 lm/W	IP68	COB linear series
115684	34	2700 - 6000 K	120 LED/m	5.0 m/roll	10,2 mm	14 W/m	89 lm/W	IP68	AQUA series
115313	67	2700 - 6000 K	479 LED/m	5.0 m/roll	12,0 mm	15 W/m	55 lm/W	IP68	NEON Pro. Custom
115338	63	2700 - 5300 K	240 LED/m	5.0 m/roll	16,0 mm	15 W/m	68 lm/W	IP67	NEON Pro. Custom
115346	64	2700 - 5300 K	240 LED/m	5.0 m/roll	12,0 mm	15 W/m	35 lm/W	IP67	NEON Pro. Custom
115305	66	2700 - 6500 K	240 LED/m	5.0 m/roll	16,0 mm	15 W/m	69 lm/W	IP68	NEON Pro. Custom
112590	146	3000 - 6000 K	120 LED/m	5.0 m/roll	10,0 mm	10,5 W/m	90 lm/W	IP20	SIL IP20 series
112710	104	3000 - 6000 K	240 LED/m	5.0 m/roll	10,0 mm	19 W/m	89 lm/W	IP20	LINEAR series

RGB | RGB+W | RGB+CCT

*Sorting: RGB - RGB W | IP20 - IP68 | Watt: 10 - 20

Item no.	Page	Light color	LED/m	Length	Width	Power W/m	Protection class	series
111913	137	RGB	30 LED/m	5.0 m/roll	10,0 mm	6,5 W/m	IP66	SIL IP66 series
111912	139	RGB	30 LED/m	5.0 m/roll	10,0 mm	6,5 W/m	IP66	SIL IP66 series
112068	145	RGB	30 LED/m	5.0 m/roll	10,0 mm	7,2 W/m	IP20	SIL IP20 series
111797	49	RGB	30 LED/m	5.0 m/roll	12,0 mm	7,2 W/m	IP68	AQUA series
114662	126	RGB	62 LED/m	5.0 m/roll	10,0 mm	8 W/m	IP20	Digital SPI/Neopixel
115322	67	RGB	120 LED/m	5.0 m/roll	6,5 mm	8 W/m	IP68	NEON Pro. Custom
114663	127	RGB	62 LED/m	5.0 m/roll	12,0 mm	8 W/m	IP68	Digital SPI/Neopixel
115355	65	RGB	96 LED/m	5.0 m/roll	12,0 mm	10 W/m	IP67	NEON Pro. Custom

Item no.	Page	Light color	LED/m	Length	Width	Power W/m	Protection class	series
115299	66	RGB	120 LED/m	5.0 m/roll	10,0 mm	10 W/m	IP68	NEON Pro. Custom
115306	66	RGB	84 LED/m	5.0 m/roll	16,0 mm	10 W/m	IP68	NEON Pro. Custom
115314	67	RGB	84 LED/m	5.0 m/roll	12,0 mm	10 W/m	IP68	NEON Pro. Custom
114988	105	RGB	180 LED/m	5.0 m/roll	10,0 mm	11 W/m	IP20	LINEAR series
115339	63	RGB	95 LED/m	5.0 m/roll	16,0 mm	11 W/m	IP67	NEON Pro. Custom
115347	64	RGB	95 LED/m	5.0 m/roll	12,0 mm	11 W/m	IP67	NEON Pro. Custom
113597	106	RGB	120 LED/m	5.0 m/roll	10,0 mm	12 W/m	IP20	LINEAR series
113598	106	RGB	120 LED/m	10.0 m/roll	10,0 mm	12 W/m	IP20	LINEAR series
113599	121	RGB	120 LED/m	5.0 m/roll	8,0 mm	12 W/m	IP20	MICRO series
113601	41	RGB	120 LED/m	5.0 m/roll	12,0 mm	12 W/m	IP67	AQUA series
113602	41	RGB	120 LED/m	10.0 m/roll	12,0 mm	12 W/m	IP67	AQUA series
113600	41	RGB	120 LED/m	5.0 m/roll	13,0 mm	12 W/m	IP67	AQUA series
115788	89	RGB	840 LED/m	5.0 m/roll	10,0 mm	14 W/m	IP20	COB linear series
115586	115	RGB	96 LED/m	20.0 m/roll	12,0 mm	14 W/m	IP68	LINEAR 48V series
115789	49	RGB	840 LED/m	5.0 m/roll	12,0 mm	14 W/m	IP68	COB linear series
115584	113	RGB	96 LED/m	20.0 m/roll	10,0 mm	14,4 W/m	IP20	LINEAR 48V series
111957	147	RGB	60 LED/m	5.0 m/roll	10,0 mm	14,4 W/m	IP20	SIL IP20 series
114260	57	RGB	140 LED/m	5.0 m/roll	7 mm	14,4 W/m	IP66	NEON series
111914	138	RGB	60 LED/m	5.0 m/roll	10,0 mm	14,4 W/m	IP66	SIL IP66 series
115685	51	RGB	120 LED/m	5.0 m/roll	10,2 mm	14,4 W/m	IP68	AQUA series
112751	83	RGB	120 LED/m	5.0 m/roll	12,0 mm	24 W/m	IP20	HEQ series
115348	64	RGB+NW	95 LED/m	5.0 m/roll	12,0 mm	15 W/m	IP67	NEON Pro. Custom
115340	63	RGB+NW	95 LED/m	5.0 m/roll	16,0 mm	15 W/m	IP67	NEON Pro. Custom
115315	67	RGB+NW	84 LED/m	5.0 m/roll	12,0 mm	15 W/m	IP68	NEON Pro. Custom
115307	66	RGB+WW	84 LED/m	5.0 m/roll	16,0 mm	15 W/m	IP68	NEON Pro. Custom
113901	42	RGB+WW	60 LED/m	5.0 m/roll	11,5 mm	18 W/m	IP67	AQUA series
113852	50	RGB+WW	60 LED/m	5.0 m/roll	12,5 mm	18 W/m	IP68	AQUA series
112714	148	RGB+WW	60 LED/m	5.0 m/roll	10,0 mm	18 W/m	IP20	SIL IP20 series
115507	50	RGB+WW	240 LED/m	5.0 m/roll	12,5 mm	18,4 W/m	IP68	AQUA series
115587	115	RGB+WW	96 LED/m	20.0 m/roll	12,0 mm	19 W/m	IP68	LINEAR 48V series
115585	113	RGB+WW	96 LED/m	20.0 m/roll	10,0 mm	19 W/m	IP20	LINEAR 48V series
115790	90	RGB+WW	896 LED/m	5.0 m/roll	12,0 mm	19,2 W/m	IP20	COB linear series
115791	52	RGB+WW	896 LED/m	5.0 m/roll	14,0 mm	19,3 W/m	IP68	COB linear series
115506	149	RGB+WW	96 LED/m	5.0 m/roll	10,0 mm	19,5 W/m	IP20	SIL IP20 series
112734	148	RGB+KW	60 LED/m	5.0 m/roll	10,0 mm	18 W/m	IP20	SIL IP20 series
114684	148	RGB+WW+KW	62 LED/m	5.0 m/roll	12,0 mm	20 W/m	IP20	SIL IP20 series
114685	51	RGB+WW+KW	62 LED/m	5.0 m/roll	14,5 mm	20 W/m	IP68	AQUA series

OPERATION/ INSTALLATION MANUAL

LED FLEX STRIPES

GENERAL INFORMATION

We recommend using only components from our product range (ballast unit, cooling profiles, controllers etc.) to avoid damage. The maximum permissible length of the flexstrips per power feed, which is specified in the documentation of the selected flexstrips, must not be exceeded! If necessary, a feed from both sides must be provided. (exclusively from a single voltage source).



DO



Carry out installation with two persons: One person sticks in, the other person rolls out.



DON'T

Before sticking in do not roll out fully!



Above a power of >5W/metress a thermally dissipating base (alu profiles) must be provided (AQUA series excluded)



Do not activate the flex stripes while it is still on the roll!



Before sticking in clean the circuit board profiles with degreaser (do not use alcohol or cleaning products as they contain oil/grease)



During the installation do not expose the flex stripes to pressure loading and tension or torsion!



Flex stripe bonding over the entire surface. Do not use additional or other adhesive tape for this (thermal transfer resistance!)



Do not bend flex stripes! Do not "lay a loop round the corner" with the circuit board.



Pay attention to the IP protection class, correct poles and maximum length of the connecting cable!



Do not clean LED circuit board!

Maximum length of the connection cable from transformer to flex stripes at 24 V DC (with 12 V DC half, for 48 V DC double length)

Diameter	25 W	30 W	60 W	100 W	150 W	240 W
0,25 mm ²	7 m	6 m	3 m	1,5 m	1 m	0,5 m
0,34 mm ²	9 m	8 m	4 m	2,5 m	1,5 m	1 m
0,50 mm ²	13 m	12 m	6 m	3,5 m	2,5 m	1,5 m
0,75 mm ²	20 m	18 m	9 m	5 m	3,5 m	2 m
1,00 mm²	26 m	23 m	12 m	7 m	4,5 m	3 m
1,50 mm ²	40 m	35 m	17 m	10 m	7 m	4,5 m

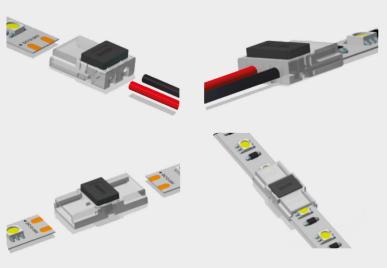


MECHANICAL

- » The flex stripes must never be operated without a cooling surface when rolled up and only for a maximum of 30 seconds within 5 minutes when unrolled.
- » 90% of all faults with flex stripes in operation can be attributed to incorrect installation, excessive module lengths with only one power infeed as well as excessive temperature generation!
- » The thermal expansion of our flex stripes, profiles and covers varies depending on the combination, design, and type of installation. With flex stripes and aluminium profiles we observe an average expansion in operation of 1 mm/m and for covers an expansion of 2 mm/m. Depending on the installation, these values may vary however and should be checked. Corresponding expansion joints must be provided!
- » Flex stripes with an active power of >5 W/m require a cooling

- profiles with a mass of min. 70 g/m. In operation with cover (i.e. without the possibility of convection) min. 140 g/m. Flex stripes with an active power >20 W/m require a cooling profiles with a mass of min. 140 g/m. In operation with cover min. 280 g/m..
- » Please note, that certain materials such as e.g. stainless steel dissipate heat very bad and that aluminium sheets for example may heat up very significantly in the sun, so that the flex stripes becomes damaged through overheating or cause the double-sided adhesive tape on the back to peel off!
- » Direct sunlight/reflection on the LED chip must be avoided with IP20!





Connectors are available for some flex stripes. See from **PAGE 151** For this we offer our manufacturing service!

All ISOLED® flex stripes have a common anode (+). The color channels (red/green/blue - series and color of the strands can vary) or the white channel are connected by us to the minus poles of the transformer or controller.

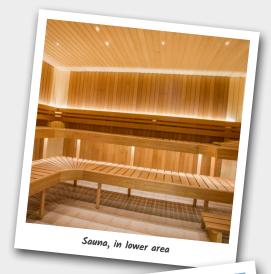
In order to determine how many power feeds are necessary for your ISOLED® Flex stripes, take the connected load in Watts, and divided by the nominal voltage of 12, 24 or 48 V in order to get the current flow in Amperes. A guideline value is 3A per power infeed! With higher loads please feed in from both sides or multiple, since excessive current flow leads to excessive heating there by causing lower service life of the circuit board... as well as the additional disadvantage of the voltage drop and associated loss of

brightness at the end of the lighting track!

An exception is our 24V DC constant voltage flex stripes with constant-current-technology: Here up to max. 7A with single-sided power supply possible with constant brightness from beginning to end of the flex stripes!

If you have any questions or uncertainties our sales team will be happy to support you.









TYPICAL APPLICATIONS

- SWIMMING / INDOOR POOLS
- SPA/ WELLNESS
- AQUARISTICS
- MARINE AND BOAT EQUIPMENT
- PARK, GREEN SPACES & ACCESSES

Applications

Fully sheathed flexible circuit boards for outdoor applications, wet rooms and floor profiles. The flex stripes in this series combine excellent resistance to sub-zero temperatures. They can be exposed to condensation moisture for periods (IP67) or also permanently installed under water (IP68). The versions with polyethylene casting can resist bleach cleaners and salt water for years. The designs in opal silicone tube make it possible to create an almost homogenous light line in outdoor areas even without a profiles and cover.

A cooling profiles can be advantageous for installation, but is not essential. The operational heat is only dissipated through the insulation on the underside of the circuit board to a limited extent.

All rolls are supplied with installation bars. For the items with silicone casting/sheath, a strong additional double-sided adhesive tape (type 3M VHR) is applied to the rear side.



SWIMMING / INDOOR POOLS



SPA/WELLNESS



AQUARISTICS



MARINE AND BOAT EQUIPMENT



PARK, GREEN SPACES & ACCESSES



LED FLEX STRIPES

Aqua series

SUITABLE FOR OUTDOOR USE

IP67 to IP68 for constant immersion

360° INSULATED

using polyethylene/silicone/polyurethane, casting or tubing

CASTING

in opal/milky silicone/polyurethane cover

STABILITY

Chlorine-/salt water- and UV-resistant PE/PU casting





24V

1:1 DIMENSION

24V LED AQUA-FLEX STRIPES

10 WATT | IP67 📴

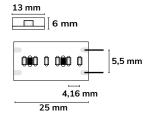


Separation point 25 mm Length: 5 m Width: 13 mm

Height: 6 mm Pitch: 4,16 mm

Hours: 50.000 h L70 | B10

Casting: Transparent silicone tube, 360° full jacket, UV-stable



113559

LED AQUA927 flex stripe

warm white | 2700 K | CRI90

800 lumen/meter

Active power: 10 watts/meter

LED AQUA930 flex stripe

Warm white | 3000 K | CRI90

800 lumen/meter

Active power: 10 watts/meter

113561

LED AQUA940 flex stripe

neutral white | 4000 K | CRI90

800 lumen/meter

Active power: 10 watts/meter

113562

LED AQUA960 flex stripe

cold white | 6000 K | CRI90

800 lumen/meter

Active power: 10 watts/meter



1:1 **DIMENSION**

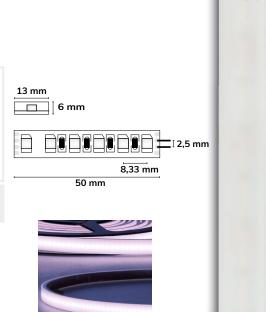


24V LED AQUA FLEX STRIPE RGB

12 WATT | IP67



Separation point 50 mm 5 m 13 mm 6 mm 8,33 mm 25.000 h L70 | B10



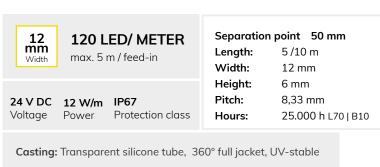
113600 LED AQUA flex stripe RGB

Active power: 12 W/meter

24V LED AQUA RGB FLEX STRIPE

12 WATT | IP67



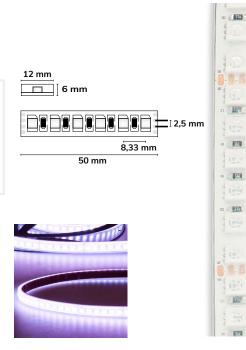


113601 5 METERS | 113602 10 METERS

LED AQUA Linear flex stripe

RGB

Active power: 12 Watt/meter











24V LED AQUA RGB+WW-FLEX **STRIPE 19 WATT | IP67** A G



Separation point 100 mm 5 m

11,5 mm 3 mm 16.66 mm

25.000 h L70 | B10

____ [3 mm 16,66mm

100 mm

11,5 mm

Casting: Transparent silicone tube, 360° full jacket, UV-stable

113901

LED AQUA RGB+WW flex stripe

RGB + 2700 K | CRI86 930 lumen / meter Active power: 18 Watt/meter



IP68

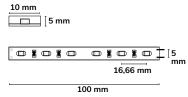
1:1 **DIMENSION**



24V LED AQUA FLEXIBLE STRIPE CLASSIC

4,8 WATT | IP68 G





111780

LED AQUA827 flex stripe

Warm white | 2700 K | CRI85 350 lumen / meter

Active power: 4.7 Watt/meter

FOOD SAFE





24V LED AQUA COB LINEAR FLEX STRIPE

NEW

7.5 WATT | IP68



480 LED/ METER

max. 5 m / feed-in

24 V DC 7,5 W/m IP68

Protection class Power

Separation point 50 mm

Length: 5 m Width: 10 mm

Height: 5,5 mm Pitch: 2,08 mm

45.000 h L70 | B10 Hours:

Casting: silicone transp., 360° fully cast, UV-stable





0 080 0 0 080 0 0 080 0 0 080 0 0 080 0 0 080 0

2,08 mm

50 mm

115778



LED AQUA COB927 Linear flex stripe

2700 K | CRI 90

650 Lumen / meter

Active power: 7.5 Watt/meter



115779



LED AQUA COB930 Linear flex stripe

3000 K | CRI 90

675 Lumen / meter

Active power: 7.5 Watt/meter



115780



LED AQUA COB940 Linear flex stripe

4000 K | CRI 90

700 Lumen / meter

Active power: 7.5 Watt/meter



115781

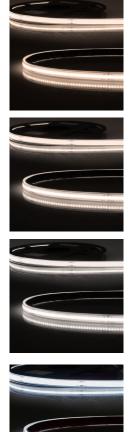


LED AQUA COB965Linear flex stripe

6500 K | CRI 90

700 Lumen / meter

Active power: 7.5 Watt/meter





DIMENSION



E



24V LED AQUA PU LINEAR FLEX STRIPE

10 WATT | IP68







and saltwater resistant, UV stable

LED AQUA927 PU linear flex stripe

Warm white/2700 K 850 Lumen / meter Active power: 10 watts/meter

115508

LED AQUA930 PU linear flex stripe

Warm white | 3000 K 900 Lumen / meter Active power: 10 watts/meter

115510

LED AQUA940 PU linear flex stripe

Neutral white | 4000 K 1000 Lumen / meter Active power: 10 watts/meter





25 mm









24V LED AQUA-PU FLEX STRIPE

10 WATT | IP68 111783 []

111782 ^A G



120 LED/ METER

max. 5 m / feed-in

24 V DC 9 W/m Voltage Power

IP68 Protection class Separation point 50 mm Length: 5 m Width: 10 mm Height: 5 mm Pitch: 8.33 mm 40.000 h L70 | B10 Hours:

Casting: Polyethylene transp., 360° fully cast, chlorine cleaner and saltwater resistant, UV stable

LED AQUA827 PU flex stripe Warm white | 2700 K | CRI85

700 Lumen / meter Active power: 9 Watt/meter

111783

LED AQUA860 PU flex stripe

Cold white | 6000 K | CRI85

750 Lumen / meter Active power: 9 Watt/meter

FOOD SAFE









24V LED AQUA-CC-FLEX STRIPES

12 WATT | IP68





24 V DC 11 W/m Voltage Power

IP68

Protection class

Separation point: 50 mm Length: 15 m

Width: 12 mm Height: 6 mm Pitch: 8,33 mm

Hours: 50.000 h L70 | B10

Casting: silicone transp., 360° fully cast, UV-stable

12 mm **]**5 mm 8,33 mm

50 mm

113104

LED AQUA830 CC flex stripe

Warm white | 3000 K | CRI83 1.200 Lumen / meter

Active power: 11.0 Watt/meter

113105

LED AQUA840 CC flex stripe

Neutral white | 4000 K | CRI83 1.250 Lumen / meter

Active power: 11.0 Watt/meter

113166

LED AQUA860 CC flex stripe

Cold white | 6000 K | CRI80 1.300 Lumen / meter

Active power: 11.0 Watt/meter

SOLED







24V LED AQUA PU LINEAR FLEX STRIPE

12 WATT | IP68



160 LED/ METER

max. 5 m / feed-in

24 V DC 12 W/m Voltage Power

W/m IP68 wer Protection class Separation point 50 mm

 Length:
 5 m

 Width:
 10,2 mm

 Height:
 5 mm

 Pitch:
 6,25 mm

Hours: 30.000 h L70 | B10

Encapsulation: Polyurethane casting, 360° completely poured, UV-stable









50 mm

115663



LED AQUA927 PU linear flex stripe

Warm white | 2700 K | CRI90 1600 Lumen / meter Active power: 12 Watt/meter



115664



LED AQUA930 PU linear flex stripe

Warm white | 3000 K | CRI90 1650 Lumen / meter Active power: 12 Watt/meter



115665



LED AQUA940 PU linear flex stripe

Neutral white | 4000 K | CRI90 1650 Lumen / meter Active power: 12 Watt/meter



115666



LED AQUA960 PU linear flex stripe

Cold white | 6000 K | CRI90 1300 Lumen / meter Active power: 12 Watt/meter







24V LED AQUA COB LINEAR FLEX STRIPE

14 WATT | IP68





max. 5 m / feed-in

24 V DC 13,8 W/m IP68 Voltage Power

Protection class

Separation point 25 mm

Length: 5 m Width: 12,5 mm Height: 5 mm

Pitch: 3,13 mm Hours: 45.000 h L70 | B10

Casting: silicone transp., 360° fully cast, UV-stable

12,5 mm



3,13 mm

25 mm

115787

LED AQUA COB927/965 7W+7W

Dynamic white | 2700 K-6500 K | CRI 90 1280 Lumen / meter

Active power: 13.8 Watt/meter









DIMENSION





14 W/m

Power

10,2

mm

24 V DC

Voltage

24V LED AQUA 927/960 PU LINEAR FLEX STRIPE 7+7 WATT | IP68



Width: 10,2 mm Height: 5 mm Pitch: 8 33 mm

30.000 h L70 | B10 Hours:

Casting: Polyethylene transp., 360° fully cast, chlorine cleaner and saltwater resistant, UV stable

* When operated on a dynamic white controller, power consumption 7 W/m 625 lm/m.

115684

LEDs AQUA 927/960 PU LINEAR FLEXBAND dynamic white 7+7W

2700 - 6000 K 1250 Lumen / meter







100 mm



Protection class

120 LED/ METER

max. 5 m / feed-in

IP68

Active power: 14 Watt/meter

24V LED AQUA CRI923/950-FLEX STRIPE





12 mm 240 LED/ METER max. 5 m / feed-in* 24 V DC IP68 19 W/m Voltage Protection class Power

Length: 5 m Width: 12 mm Height: 6 mm

Separation point 50 mm

Pitch: 8.33 mm 50.000 h L70 | B10 Hours:

Note: For operation with a dynamic white controller power consumption *8 W/m, 825 lm/m

12 mm 8,33 mm 50 mm

114987

LED AQUA CRI923/950-Flex stripes

dynamic white | 2300-5000 K | CRI90

1650 Lumen / meter Active power: 19 Watt/meter



With 3-pole dynamic white flex stripes*, the dynamic white PWM CCT controller placed between the transformer and the light source dynamically regulates the color temperature and output between the cool 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%.

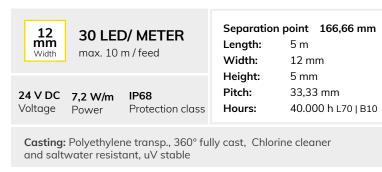
In conclusion we can say when operating with a dynamic-white PWM controller, the full effective power consumption and lumen output is never achieved, only a maximum of 50%. Your contact at ISOLED will be happy to advise you on control and provide you with the connection diagram for your individual installation on request. *3-pole: common anode (24 V DC plus) and one cathode (24 V DC minus) each for the cool white and warm white channel.

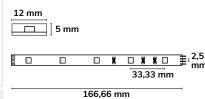


30

24V LED AQUA FLEXIBLE STRIPE CLASSIC

7,2 WATT | IP68 **[]**





111797

LED AQUA RGB flex stripe

RGE

Active power: 7.2 Watt/meter

FOOD SAFE





24V LED AQUA COB RGB LINEAR FLEX STRIPE 14.4 WATT | IP68



115789

LEDs AQUA COB RGB LINEAR FLEX STRIPE

RGB

Active power: 14 Watt/meter



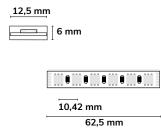




24V LED AQUA RGB+WW FLEX STRIPE

18.4 WATT | IP68 🔓 🕟





115507

LED LED AQUA RGB+WW linear flex stripe

Dynamic white | 3000 K 1020 Lumen / meter Active power: 18.4 Watt/meter



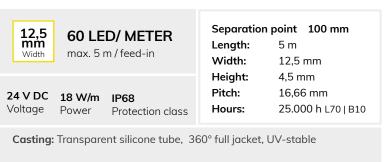
1:1 DIMENSION

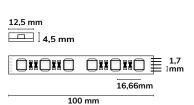




24V LED AQUA RGB+WW-FLEX STRIPES

19 WATT | IP68 [G





113852

LED AQUA RGB+WW flex stripe

RGB + 3000 K | CRI86 940 Lumen / meter Active power: 18 Watt/meter



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24V LED AQUA RGB+W+WW FLEX STRIPE

20 WATT | IP68 🔓

Length:

Width:

Height:

Pitch:

Hours:



14,5 mm

6 mm

16 mm

25.000 h L70 | B10

Separation point: 100 mm



60 LED/ METER

max. 5 m / feed-in

20 W/m IP68 24 V DC

Voltage Protection class Power

Casting: silicone transp., 360° fully cast, UV-stable

14,5 mm

_____ 6 mm

100 mm



114685

LED AQUA RGB+W+WW-Flex Stripes

RGB + 6500 K + 2500 K | CRI83

1400 Lumen / meter Active power: 20 Watt/meter

Individual channels in StandAlone mode:

KW: 6500 K - 4.6 W/m - 530 lm/m 2500 K - 4.7 W/m - 500 lm/m WW: CW+WW: 4000 K - 9.1 W/m - 1000 lm/m

R+G+B: 12,2 W/m - 510 lm/m

R+G+B+CW+WW: 6000 K - 20,8 W/m - 1430 lm/m





24V LED AQUA PU RGB FLEX STRIPE

14.4 WATT | IP68





120 LED/ METER

max. 5 m / feed-in

24 V DC 14,4 W/m IP68 Voltage

Power Protection class Separation point 50 mm

Length: 5 m Width: 10,2 mm

Heiaht: 5 mm Pitch: 8.33 mm

Hours: 30.000 h L70 | B10

Encapsulation: Polyurethane transp., 360° completely poured, UV-stable Chlorine, oil and salt water resistant

10,2 mm





8,33 mm

50 mm



LED AQUA RGB LINEAR FLEX STRIPE

Active power: 14.4 Watt/meter





Aqua series







24V LED AQUA RGB+WW COB FLEX STRIPE 19,3 WATT | IP68



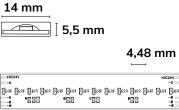
24 V DC 19,3 W/m IP68 Voltage Power Protection class

Casting: silicone transp., 360° fully cast, UV-stable

Separation point 62,50 mm

Length: 5 m Width: 14 mm Height: 5,5 mm Pitch: 4,48 mm

30.000 h L70 | B10 Hours:



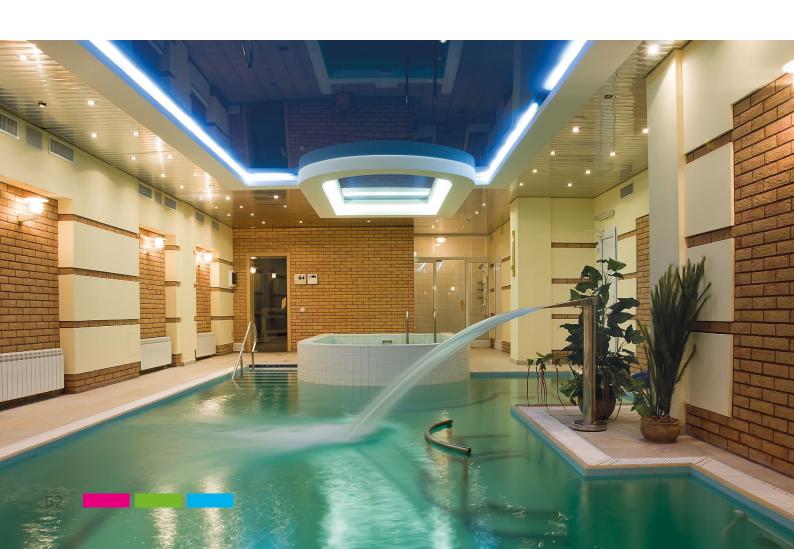
62,50 mm



LED AQUA COB RGB+WW Linear flex stripe

3000 K | RGB 1150 Lumen/Meter Active power: 19,3 Watt/meter





8 **(151)**

9000

w (F5)

w (HE)



48V LED AQUA RGB FLEX STRIPE

14|19 WATT | IP68



96 LED/ METER

max. 20 m / feed-in

48 V DC 14|19 W/m IP68

Voltage Power

Power Protec

Protection class

Separation point 125 mm

Length: 20 m Width: 12 mm

Height: 2,2 mm **Pitch:** 10,42 mm

Hours: 30.000 h L70 | B10

12 mm

10,42 mm

125 mm

115586

LED LED Aqua RGB 48V

Active power: 14 Watt/meter

115587



LED Aqua RGB + WW 48V

Warm white | 3000 K 1020 Lumen / meter

Active power: 19 Watt/meter













TYPICAL APPLICATIONS

- SHOP AND TRADE FAIR CONS-TRUCTION
- ADVERTISING LIGHTING
- SHOP & RETAIL
- HOME DECOR
- LIGHT / SUN PROTECTION & SHADE

Applications

Absolutely homogenous, decorative and bendable light lines for inside and exterior use. The included fixing kit with assembly clamps, end caps and sealing compound as well as the cutting points visible on the side allow custom cutting, adjustment and the creation of highly effective lighting tracks. Our neon flex stripes are the highest light intensity units in the class so far.



SHOP AND TRADE FAIR CONSTRUCTION



ADVERTISING LIGHT-ING



SHOP & RETAIL



HOME DECOR



LIGHT / SUN PROTECTION & SHADE



LED FLEX STRIPES

NEON series

FLEXIBILITY

≥ 1 cm bending radius

LINEARITY

absolutely homogenous light lines 90 ° beam angle

360° INSULATED

in polyethylene/silicone sheath with 8-12 mm height

LUMINOSITY

highest power in lumen/metres in this category





24V LED NEON FLEX STRIPES

10 WATT | IP66



24 V DC 10 W/m

Voltage Power Protection class

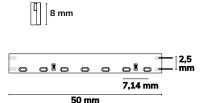
Separation point 50 mm

Length: 5 m

Width: 4 mm Height: 8 mm Pitch: 7,14 mm

Hours: 30.000 h L70 | B10

Casting: silicone/PE-360° full sheathing, uV-stable including fixing kit with sealing compound and end caps



4 mm

114258

LED NEON930 flex stripe

IP66

Warm white | 3000 K | CRI93

240 Lumen / meter

Active power: 9.6 Watt/meter

114259

LED NEON940 flex stripe

Neutral white | 4000 K | CRI90

240 Lumen / meter

Active power: 9.6 Watt/meter



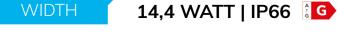






24V LED NEON FLEX STRIPES

1.1 **DIMENSION**



120 LED/ METER 7 mm max. 5 m / feed-in

24 V DC 14,4 W/m IP66

Voltage Power Protection class

fixing kit with sealing compound and end caps

Casting: silicone/PE-360° full sheathing, UV-stable, including

Separation point 50 mm

Length: 5 m Width: 7 mm Height: 12 mm Pitch: 7.14 mm

30.000 h L70 | B10 Hours:

3,5 7,14 mm 50 mm

7 mm

12 mm

114256

LED NEON930 flex stripe

Warm white | 3000 K | CRI90 360 Lumen / meter Active power: 14.4 Watt/meter

114257

LED NEON940 flex stripe

Neutral white | 4000 K | CRI90 360 Lumen / meter

Active power: 14.4 Watt/meter





24V LED RGB NEON FLEX STRIPES

14,4 WATT | IP66

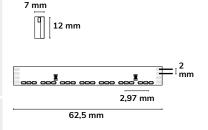


1:1 DIMENSION





Casting: silicone/PE-360° full sheathing, UV-stable including fixing kit with sealing compound and end caps



114260

LED NEON RGB flex stripe

RGB

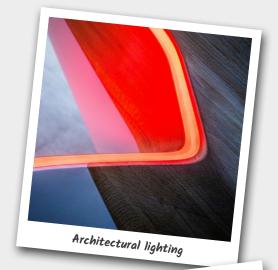
Active power: 14.4 Watt/meter



installation clip

for 114256 | 114257 | 114260 115583









TYPICAL APPLICATIONS

- ARCHITECTURAL AND FACADE LIGHTING
- ADVERTISING LIGHTING
- SHOWROOM
- SHOPPING CENTER
- GARDEN AND LANDSCAPE-LIGHTING

Applications

The flex stripes of the NEON Professional Custom series are ideal for implementing your ideas with high quality for indoo and outdoor use. A selection of different profiles, mounting brackets, end caps and cable entries are available for this purpose. This allows you to adapt and create effective light paths.







ADVERTISING LIGHTING



SHOP & RETAIL



MARINE AND BOAT EQUIPMENT



PARKS, GREEN SPACES AND ACCESS ROADS



LED FLEX STRIPES

NEON Professional Custom Series

FLEXIBILITY

Bending radius between 50 and 300 mm

TEMPERATURE RESISTANT

Ambient temperature from -25°C to 60°C

ASSEMBLY

Tailored to your needs

RESISTANT

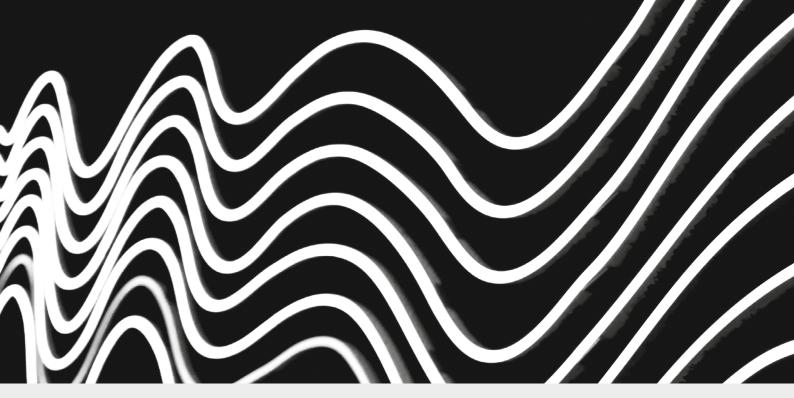
UV, chlorine and salt water & detergent and oil resistant
Polyurethane casting



CUSTOMISED PROJECT LIGHTING SOLUTION

The flex stripes of the NEON Professional Custom series are ideal for implementing your ideas with high quality. As these are project items, the flex stripes can be individually adapted to your requirements. While the items are shown in the standard design, a length can be chosen, with consideration of the separation points, which completely meets your requirements. Likewise, the cable entry can be placed on the front, side or bottom of most flex stripes. Mounting is carried out using mounting brackets and profiles available on request.

Since all items are produced individually, please plan a corresponding delivery time.



ACCESSORIES NEON PROFESSIONAL

Different cables, profiles, mounting brackets and end caps can be selected for each item. Your professionals from ISOLED* will support you reliably and competently with your projects and advise you gladly with the correct selection!



END CAPS



MOUNTING ACCESSORIES



CABLE



PROFILES

WE ADVISE YOU!



FOCUS LENS

5 METER | 18 WATT | 24V DC | IP67 | CRI 92

Ambient temp.: -25° - 60° | Hours: 50.000h L70|B10











item number	Color tempera- ture	Lm/m	LED/m	pitch	separation point	W/m	MEL*		
115284	2700K	1544							
115285	3000K	1671	40	20.02	105	10	_		
115286	3500K	1711	48	48	48	48 20,83 mm	125 mm	18	5 m
115287	4000K	1854							

Beam angle 30°

max. L**: 5 m | **B**: 18.5 mm | **H**: 9.5 mm

*MEL= maximum infeed length of the flex stripe *maximum producible length of the flex stripe





46.5mm	200mm	1020mm	200mm	48mm
	• " †	20.8mm	· ***	



Mounting clip set angle clip aluminium

Set of 3 115771

Mounting clip set angle clip Set of 1

115772

IP67

TWIST + BEND 1615

5 METER | 10 WATT | 24V DC | IP67 | CRI 92

Ambient temp.: -25° - 60° | Hours: 50.000h L70|B10





*MEL= maximum infeed length of the flex stripe

**maximum producible length of the flex stripe





item number	Color temperature	Lm/m	LED/m	pitch	separation point	W/m	MEL*
115288	2700K	692					
115289	3000K	703					
115290	3500K	711	120	8,33 mm	50 mm	10	5 m
115291	4000K	720					
115292	5000K	736					







16mm





CABLE CONNECTION AT THE REAR

max. L**: 5 m | B: 16 mm | H: 15 mm





CABLE CONNECTION ON THE SIDE

Cable for LED flex stripe NeonPro

2-pole, 2 x 0,5mm² 115477

3-pole, 3 x 0,5mm² 5-pole, 5 x 0,3mm² 115478 115480

4-pole, 4 x 0,5mm² 115479



IP67 0606 6

5 METER | 6 WATT | 24V DC | IP67 | CRI 92

Ambient temp.: -25° - 60° | Hours: 20.000h L70|B10









item number	Color tempera- ture	Lm/m	LED/m	pitch	separation point	W/m	MEL*
115323	2700K	340					
115324	3000K	332					
115325	3500K	382	240	4,17 mm	25 mm	6	5 m
115326	4000K	372					
115327	5000K	361					





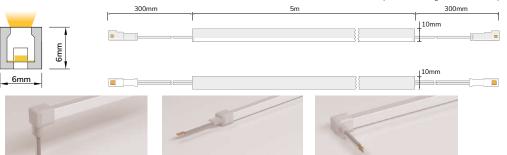






max. L**: 20 m | B: 6 mm | H: 6 mm

*MEL= maximum infeed length of the flex stripe **maximum producible length of the flex stripe



CABLE CONNECTION AT THE FRONT

IP67

IP67 3020 G

CABLE CONNECTION AT THE REAR

5 METER | 19 WATT | 24V DC | IP67 | CRI 92

Ambient temp.: -25° - 60° | Hours: 20.000h L70|B10



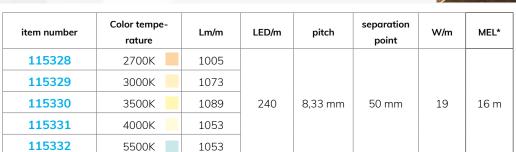
CABLE CONNECTION ON THE SIDE





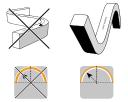




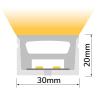


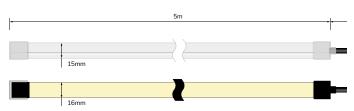
max. L**: 10 m | B: 30 mm | H: 20 mm

*MEL= maximum infeed length of the flex stripe **maximum producible length of the flex stripe









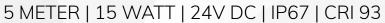


CABLE CONNECTION AT THE FRONT

Mounting clip set aluminium Set of 1



IP67 1615 IP



Ambient temp.: -25° - 60° | Hours: 50.000h L70|B10

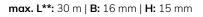


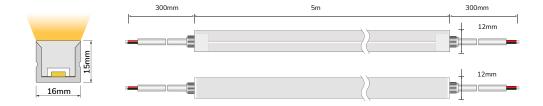


item number	Color temperature	Lm/m	LED/m	pitch	separation point	W/m	MEL*
115333	2700K	718					
115334	3000K	762					
115335	3500K	782	120	8,33 mm	50 mm	15	5 m
115336	4000K	752					
115337	5300K	767					
	ССТ						
115338	2700K	514			50 mm		5 m
115556	5300K	511	240	8,33 mm		15	
	2700 + 5300K	1024					
115339	RGB	320	96	10.42	125	11	7,5 m
115340	RGB+4000K	531		10,42 mm	125mm	15	5 m



**maximum producible length of the flex stripe







CABLE CONNECTION AT THE REAR



CABLE CONNECTION AT THE FRONT



CABLE CONNECTION ON THE SIDE

Mounting clip set IP67 stainless steel

Set of 3

Mounting clip set IP 67 aluminum

Set of 3

115767

Cable for LED flex stripe NeonPro

2-pole, 2 x 0,5mm² 4-pole, 4 x 0,5mm²

115477 115479

3-pole, 3 x 0,5mm² 5-pole, 5 x 0,3mm²



UV + Chemicals RESISTANT







Ambient temp.: -25° - 60°

|Hours: 20,000h L70|B10

item number	Color temperature	Lm/m	LED/m	pitch	separation point	W/m	MEL*
115341	2700K	436				15	
115342	3000K	492	120				
115343	3500K	500		8,33mm	50mm		5 m
115344	4000K	475					
115345	5300K	490					
				CCT			
115246	2700K	270			50mm	15	5 m
115346	5300K	270	240	8,33mm			
	2700 + 5300K	523					
115347	RGB	240	95	10.42	125	11	7,5 m
115348	RGB+4000K	313		10,42mm	125mm	15	5 m





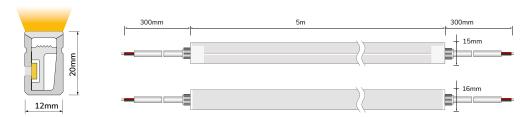






max. L**: 30 m | B: 12 mm | H: 20 mm

*MEL= maximum infeed length of the flex stripe **maximum producible length of the flex stripe





CABLE CONNECTION AT THE REAR



CABLE CONNECTION AT THE FRONT



CABLE CONNECTION ON THE SIDE

Mounting clip set stainless steel

Set of 3

115483

Mounting clip set IP68 aluminum

Set of 3

115770

Mounting clip set IP67 aluminum

Set of 3



IP67 1212 IP







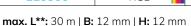


5 METER | 10 WATT | 24V DC | IP67 | CRI 93

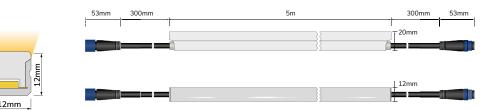
Ambient temp.: -25° - 60° | Hours: 20.000h L70|B10

item number	Color temperature	Lm/m	LED/m	pitch	separation point	W/m	MEL*
115349	2700K	630			50mm	10	
115350	3000K	646	120	8,33mm			
115351	3500K	677					7,5 m
115352	4000K	627					
115353	5500K	644					
			(CCT			
115254	2700K	356					
115354	5500K	356	240	8,33mm	50mm	10	5 m
	2700+5500K	708					
115355	RGB	242	96	10,42mm	62,5mm	10	5 m





*MEL= maximum infeed length of the flex stripe **maximum producible length of the flex stripe





CABLE CONNECTION AT THE REAR



CABLE CONNECTION AT THE FRONT



CABLE CONNECTION ON THE SIDE

Cable for LED flex stripe NeonPro

2-pole, 2 x 0,5mm² 4-pole, 4 x 0,5mm²

115477 115479

3-pole, 3 x 0,5mm² 5-pole, 5 x 0,3mm²



270° IP68 1010 🕩



UV + Chemicals







Ambient temp.: -25° - 60° | Hours: 20.000h L70|B10

item number	Color temperature	Lm/m	LED/m	pitch	separation point	W/m	MEL*
115293	2700K	715					7,5
115294	3000K	788		.44 6,95 mm	5 mm 41,6 mm	10	7,5
115295	3500K	784	144				10
115296	4000K	789					10
115297	6000K	749					10
				ССТ			
115298	2700K	432					
115298	6000K	462	240	8,33 mm		10	_
	2700+6000K	886		50	10	5 m	
115299	RGB	390	120	8,33 mm			

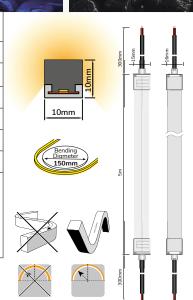
max. L**: 5 m | B: 10 mm | H: 10 mm

*MEL= maximum infeed length of the flex stripe **maximum producible length of the flex stripe

Mounting clip set aluminium

Set of 3

115579



IP68

IP68 1615 D

5 METER | 15 WATT | 24V DC | IP68 | CRI 92

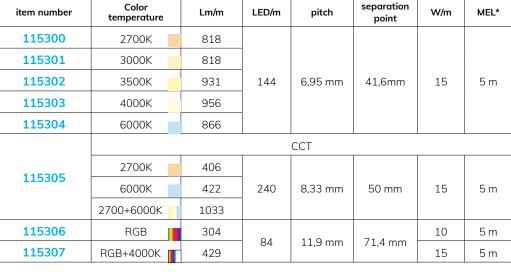
| Hours: 20,000h L70|B10 Ambient temp.: -25° - 60°











max. L**: 5 m | B: 16 mm | H: 15 mm

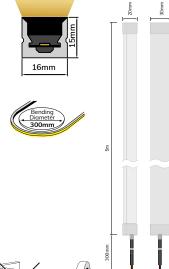


CABLE CONNECTION AT THE FRONT

*MEL= maximum infeed length of the flex stripe **maximum producible length of the flex stripe



CABLE CONNECTION ON THE SIDE











Mounting clip set IP68 aluminum



IP68 1220 EP

5 METER | 15 WATT | 24V DC | IP68 | CRI 92

Ambient temp.: -25° - 60° | Hours: 20.000h L70|B10











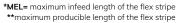
item number	Color temperature	Lm/m	LED/m	pitch	separation point	W/m	MEL*
115308	2700K	663				15	
115309	3000K	762					
115310	3500K	702	143	6,95 mm	41,6 mm		5 m
115311	4000K	768					
115312	6000K	700					
				ССТ			
115313	2700K	406		4,17 mm	50mm		5 m
115313	6000K	422	479			15	
	2700+6000K	821					
115314	RGB	241	84	110	71.4	10	5 m
115315	RGB+4000K	429		11,9 mm	71,4 mm	15	5 m

max. L**: 5 m | B: 12 mm | H: 20 mm



CABLE CONNECTION AT THE REAR

CABLE CONNECTION AT THE FRONT



UV + Chemicals RESISTANT



CABLE CONNECTION ON THE SIDE











IP68 0612 6

5 METER | 8 WATT | 24V DC | IP68 | CRI 9



item number	Color temperature	Lm/m	LED/m	pitch	separation point	W/m	MEL*		
115316	2700K	448							
115317	3000K	462							
115318	3500K	460	120	8,33 mm	50 mm	8			
115319	4000K	477							
115320	5700K	451					5 m		
			CCT				b m		
115321	2700K	162							
	5700K	163	240	4,16 mm	50 mm	8			
	2700 + 5700K	323							
115322	RGB	142	120	8,33 mm	50 mm	8			

max. L**: 5 m | B: 6,5 mm | H: 12 mm

*MEL= maximum infeed length of the flex stripe **maximum producible length of the flex stripe

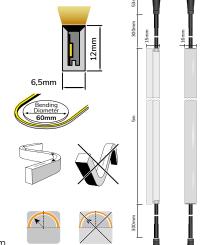
Cable for LED flex stripe NeonPro

2-pole, 2 x 0,5mm² 115477 3-pole, 3 x 0,5mm² 115478 115480

4-pole, 4 x 0,5mm² 115479 5-pole, 5 x 0,3mm²

Mounting clip set aluminium

Set of 3 115526













TYPICAL APPLICATIONS

- **ESCALATORS**
- **LOUNGES & CORRIDORS**
- RECEPTION AREAS AND MEETING ZONES
- **CEILING VAULT-/ MOULDING LIGHTING**
- **HOTELS & GASTRONOMY**

Applications



ESCALATORS





LOUNGES & CORRI- RECEPTION AREAS AND MEETING ZONES



CEILING VAULT-/ MOULDING LIGHTING



HOTEL & CATERING



LED FLEX STRIPES

Constant Current series

INNOVATIVE

Constant-current-technology

EXTENDED OPTIONS

long light lines with just one infeed

PROFITABILITY

Higher service life through constant chip supply

EFFICIENT

up to 150 Lumen/Watt





24V





24V LED CC FLEX STRIPES 15 METERS 12 WATT | IP20



max. 15 m/feed

24 V DC 12 W/m IP20 Voltage Power Protection class

Separation point 50 mm Length: 15 m

Width: 10 mm Height: 2 mm Pitch: 8,33 mm

Hours: 50.000 h L70 | B10

Note: CC technology with additional ICs per joint at micro solder joints. Mount carefully!





LED CRI927 CC flex stripe

warm white | 2700 K | CRI90 1100 Lumen / meter

Active power: 12 Watt/meter





LED CRI930 CC flex stripe

Warm white | 3000 K | CRI90 1150 Lumen/Meter

Active power: 12 Watt/meter

113100



LED CRI940 CC flex stripe

neutral white | 4000 K | CRI90 1250 Lumen / meter

Active power: 12 Watt/meter

113145

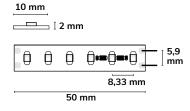


LED CRI965 CC flex stripe

Cold white | 6500 K | CRI94

1300 Lumen / meter

Active power: 12 Watt/meter













24V LED CC FLEX STRIPES 5 METERS

21 WATT | IP20 🔋





144 LED/ METER

max. 7.5 m / feed-in

24 V DC Voltage

20 W/m Power

with a mass of at least 140gr/m

IP20 Protection class

Note: CC technology with additional ICs per joint at micro solder joints. Mount carefully! Requires a cooling profiles

Separation point 55,55 mm

Length: 5 m Width: 10 mm

Height: 1,5 mm Pitch: 7,14 mm

Hours: 50.000 h L70 | B10

10 mm _____ I 1,5 mm 7,14 mm 55,55 mm



LED CRI830 CC flex stripe

Warm white | 3000 K | CRI80 3000 Lumen / meter

Active power: 20 Watt/meter

113558

LED CRI840 CC flex stripe

Neutral white | 4000 K | CRI80 3000 Lumen / meter

Active power: 20 Watt/meter





1:1





24V







113104

LED AQUA830 CC flex stripe

Warm white | 3000 K | CRI83 1.200 Lumen / meter Active power: 11.0 Watt/meter

113105

LED AQUA840 CC flex stripe

Neutral white | 4000 K | CRI83 1.250 Lumen / meter Active power: 11.0 Watt/meter

113166

LED AQUA860 CC flex stripe

Cold white | 6000 K | CRI80 1.300 Lumen / meter Active power: 11.0 Watt/meter



50 mm

8,33 mm

_ [5 mm

12 mm

______ 6 mm















TYPICAL APPLICATIONS

- OFFICE AND CONFERENCE ROOMS
- FURNITURE AND KITCHEN MANU-FACTURING
- RECEPTION AREA
- SURGERIES
- EQUIPMENT ROOMS

Applications

The name stands for "High Efficiency Quality". Today for all new stripes in this series with up to 159 lumen/ Watts as well as for the designs we designate as "HEQ Clas sic".

Therefore these high lighting are ideally suited for luminaire profiles, pendant lights and many other technical applications where the greatest possible light output is the main objective. A suitably dimensioned cooling profile must be considered for optimum operational heat dissipation.



OFFICE AND CONFERENCE ROOMS



FURNITURE AND KITCHEN MANUFACTURING



RECEPTION AREA



SURGERIES



EQUIPMENT ROOMS



LED FLEX STRIPES HEQ series

HIGH EFFICIENCY

Up to 4.650 Lumen / meter and 200 Lumen / Watt

EXTREME POWER

up to 32W / M - ideal for lighting construction

TECHNOLOGICAL PROGRESS

with LED chips of the latest generation

PROVEN QUALITY

HEQ Classic stripes







24V LED HEQ FLEX STRIPE

6 WATT | IP20 A





180 LED/ METER

max. 10 m / feed

IP20

24 V DC 6 W/m

Power Voltage Protection class Separation point 50 mm

Length: 5 mWidth: 10 mm

Height: 1,4 mm Pitch: 5.55 mm

30.000 h L70 | B10 Hours:

10 mm

____ I 1,4 mm

5,55 mm

50 mm



LED HEQ830 flex stripe

Warm white | 3000 K | CRI84 1230 Lumen / meter

Active power: 5.8 Watt/meter



115258

LED HEQ840 flex stripe

Neutral white | 4000 K | CRI84

1250 Lumen / meter

Active power: 5.8 Watt/meter







24V LED HEQ FLEX STRIPE 9 WATT | IP20 A



180 LED/ METER

max. 7.5 m / feed-in

24 V DC 9 W/m IP20 Voltage Power

Protection class

Separation point 50 mm

Length: 5 m Width: 10 mm Height: 1,4 mm

Pitch:

5,55 mm 50.000 h L70 | B10 Hours:

10 mm ____ I 1,4 mm



5,55 mm

50 mm



LED HEQ830 flex stripe

Warm white | 3000 K | CRI80 1800 Lumen / meter

Active power: 8.6 Watt/meter



115256

LED HEQ840 flex stripe

Neutral white | 4000 K | CRI80

1850 Lumen / meter Active power: 8.6 Watt/meter









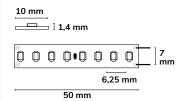


24V LED HEQ FLEX STRIPE

12 WATT | IP20



Separation point 50 mm Length: 5 mWidth: 10 mm Height: 1,4 mm Pitch: 6.25 mm 30.000 h L70 | B10 Hours:





Voltage



LED HEQ927 flex stripe High Bright

Protection class

Warm white | 2700 K | CRI93

1500 Lumen / meter Active power: 11 Watt/meter

Power





LED HEQ930 flex stripe High Bright

Warm white | 3000 K | CRI93

1600 Lumen / meter

Active power: 11 Watt/meter

114251



LED HEQ940 flex stripe High Bright

Neutral white | 4000 K | CRI93

1650 Lumen / meter

Active power: 11 Watt/meter



24V LED CRI90+ FLEX STRIPE CLASSIC







120 LED/ METER

max. 5 m / feed-in

24 V DC 15 W/m IP20 Voltage Power

Protection class

Separation point 50 mm Length: 5 m

Width: 10 mm Height: 1,3 mm Pitch: 8,33 mm

Hours: 50.000 h L70 | B10

_____ I 1,3 mm 0 🗐 0 Û 8,33 mm 50 mm

111901

LED CRI930 flex stripe Classic

Warm white | 3000 K | CRI90

1300 Lumen / meter

Active power: 15 Watt/meter

111900

LED CRI942 flex stripe Classic

Neutral white | 4200 K | CRI90

1500 Lumen / meter

Active power: 15 Watt/meter





HEQ series

1:1 DIMENSION



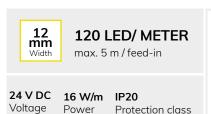




24V LED HEQ-FLEX STRIPE CLASSIC

16 WATT | IP20

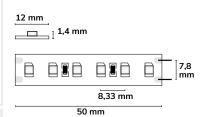
Power



Separation point 50 mm

Length: 5 m Width: 12 mm Height: 1,4 mm Pitch: 8,33 mm 25.000 h L70 | B10 Hours:

Note: Requires a cooling profiles with a mass of at least 75g/m







LED HEQ825 flex stripe Classic

Protection class

Warm white | 2500 K | CRI82 1400 Lumen / meter Active power: 15 Watt/meter





LED HEQ830 flex stripe Classic

Warm white | 3000 K | CRI82 1650 Lumen / meter Active power: 15 Watt/meter





LED HEQ840 flex stripe Classic

Neutral white | 4000 K | CRI85 1750 Lumen / meter

Active power: 15 Watt/meter







1:1





24V LED HEQ FLEX STRIPE

17 WATT | IP20

160 LED/ METER

max. 5 m / feed-in

24 V DC 16 W/m IP20 Voltage Power

10 mm

Width

Protection class

Separation point 50 mm

Length: 5 m Width: 10 mm Height: 1.4 mm

Pitch: 6,25 mm Hours: 30.000 h L70 | B10 10 mm



50 mm

A ↑ G 114915

LED HEQ927 flex stripe High Bright

Warm white | 2700 K | CRI93

2250 Lumen / meter

Active power: 16 Watt/meter



Warm white | 3000 K | CRI93

A G

2350 Lumen / meter

Active power: 16 Watt/meter

114249

114250





Neutral white | 4000 K | CRI93

2550 Lumen / meter

Active power: 16 Watt/meter







LED HEQ940 flex stripe High Bright

Cold white | 6000 K | CRI93

2600 Lumen / meter

Active power: 16 Watt/meter





1:1 DIMENSION





24V LED HEQ FLEX STRIPE 22 WATT | IP20



24 V DC 21 W/m IP20 Voltage Power Protect

IP20 Pit
Protection class Ho

Separation point 33,33 mm Length: 3 m

 Width:
 10 mm

 Height:
 1,6 mm

 Pitch:
 4,17 mm

Hours: 30.000 h L70 | B10

Note: Requires a cooling profiles with a mass of at least 140gr/m

114916



LED HEQ927 flex stripe High Bright

Warm white | 2700 K | CRI93

2850 Lumen / meter

Active power: 21 Watt/meter

114248



LED HEQ930 flex stripe High Bright

Warm white | 3000 K | CRI93

3050 Lumen / meter

Active power: 21 Watt/meter

114247 A C

LED HEQ940 flex stripe High Bright

Neutral white | 4000 K | CRI93

3150 Lumen / meter

Active power: 21 Watt/meter

114918



LED HEQ960 flex stripe High Bright

Cold white | 6000 K | CRI93

3200 Lumen / meter

Active power: 21 Watt/meter









DIMENSION



24V LED HEQ-FLEX STRIPE CLASSIC DOUBLE ROW

30 WATT | IP20 📴



240 LED/ METER

max. 5 m / feed-in

24 V DC Voltage

30 W/m Power

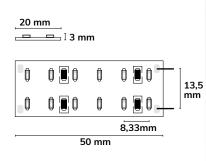
IP20 Protection class Separation point 50 mm

Length: 5 m Width: 20 mm Height: 3 mm

Pitch: 8,33 mm

Hours: 50.000 h L70 | B10

Note: Requires a cooling profiles with a mass of at least 280g/m



112310

LED CRI930 flex stripe double row

Warm white | 3000 K | CRI95

2900 Lumen / meter

Active power: 30 Watt/meter

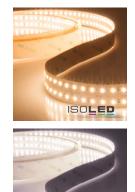
112311

LED CRI940 flex stripe double row

Neutral white | 4000 K | CRI95

3000 Lumen / meter

Active power: 30 Watt/meter













24V LED HEQ FLEX STRIPE

32 WATT | IP20



240 LED/ METER

max. 2.5 m feed-in

24 V DC 31 W/m IP20

Protection class Voltage Power

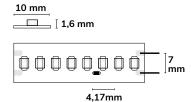
Separation point 33,33 mm

Length: 2,5 m Width: 10 mm

Height: 1,4 mm Pitch: 4,17 mm

Hours: 30.000 h L70 | B10

Note: Requires a cooling profiles with a mass of at least 280g/m



33,33 mm





LED HEQ930 flex stripe High Bright

Warm white | 3000 K | CRI94

4500 Lumen / meter Active power: 31 Watt/meter

114245



LED HEQ940 flex stripe High Bright

Neutral white | 4000 K | CRI94

4650 Lumen / meter

Active power: 31 Watt/meter

114919



LED HEQ960 flex stripe High Bright

Cold white | 6000 K | CRI94

4700 Lumen / meter

Active power: 31 Watt/meter













24V LED HEQ919/960 LINEAR FLEX STRIPE 7+7 WATT | IP20



max. 5 m / feed-in

24 V DC 14 W/m Voltage

Power

IP20 Protection class Separation point 62,5 mm

Length: 5 m Width: 10 mm Height: 1,4 mm

Pitch: 7,81 mm

50.000 h L70 | B10 Hours:

10 mm _____ I 1,4 mm



62,50 mm





LED HEQ919/960 7W+7W

Dynamic white | 1900 K - 6000 K | CRI90

1850 Lumen / meter

NEW Active power: 14 Watt/meter





24V LED HEQ919/940 LINEAR FLEX STRIPE 13 WATTS | IP20



24 V DC 13 W/m Voltage Power

W/m IP20 ver Protection class Separation point 31,25 mm

 Length:
 5 m

 Width:
 10 mm

 Height:
 1,4 mm

 Pitch:
 7,81 mm

Hours: 50.000 h L70 | B10

_10 mm

7,81 mm 31,25mm

115626



LED HEQ919/940 7W+7W

Dynamic white | 1900 K - 4000 K | CRI90 1500 Lumen / meter

Active power: 13 Watt/meter







24V LED HEQ HIGHPOWER RGB

28,8 WATT | IP20



120 LED/ METER

max. 5 m / feed-in

24 V DC 28,8 W/m IP20 Voltage Power Protection cla

m IP20 P Protection class H

 Separation point
 50 mm

 Length:
 5 m

 Width:
 12 mm

 Height:
 3,4 mm

 Pitch:
 8,33 mm

 Hours:
 30.000 h L70 | B10

Note: Requires a cooling profiles with a mass of at least 140gr/m



LED HEQ HighPower RGB flex stripe

RGB

Active power: 28,8 Watt/meter



50 mm



1:1









TYPICAL APPLICATIONS

- FURNITURE AND KITCHEN MANU-FACTURING
- FACADE LIGHTING
- BACKLIGHTING
- FOR OUTDOOR USE (IP68)
- WALKABLE PROFILES

Applications

homogeneous light lines. The chips here are not soldered but printed on, which enables extremely narrow pitch distances and seamless light lines. We developed a special white-opal coating for our COB stripes. This serves the optimal light diffusion and optics in contrast to the up to now exclusively yellowish available coating. In addition to the IP20 versions, which fit even in the lowest profiles, we also embed these boards optionally in an IP68 silicone full encapsulation. Typical applications are linear accent lighting in outdoor areas, where no cooling profiles or profile covers are required and yet an absolutely homogeneous light line is created.



FURNITURE AND KIT-CHEN MANUFACTURING



FACADE LIGHTING



BACKLIGHTING



OUTDOOR AREAS



WALKABLE PROFILES



LED FLEX STRIPES

COB linear series

HIGH CHIP DENSITY

up to 896 LED/m

HOMOGENEOUS LIGHT LINES

seamless and luminous light strips

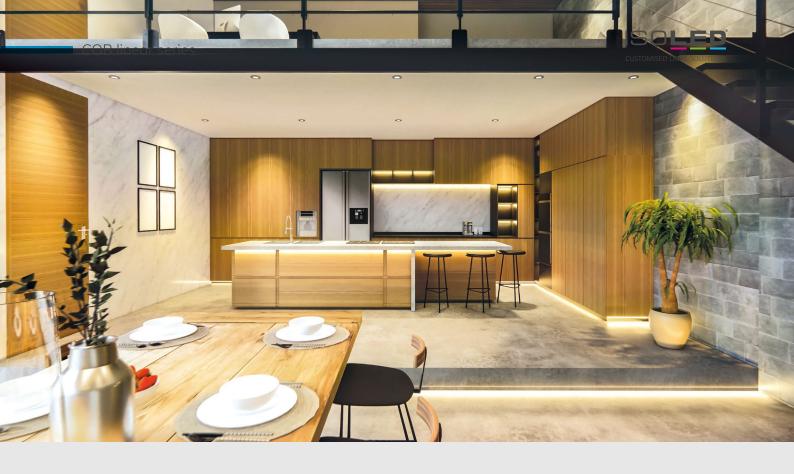
WHITE COB COATING

seamless color temperature neutral Coating CSB Technology

VARIETY OF OPTIONS

SingleColor, CCT, RGB, RGB+W Width 5-12mm, IP20-IP68







WHITE OPAL COATING

Optimum light scattering and optics in contrast to the previously only available yellowish coating seamless color temperature neutral coating CSB technology







24V

1:1 DIMENSION

IP20

24V LED COB90+ MICRO LINEAR FLEX STRIPE

7 WATT | IP20



Separation point 13,89 mm

 Length:
 5 m

 Width:
 5 mm

 Height:
 2,1 mm

 Pitch:
 1,98 mm

 Hours:
 45.000 h L70 | B10

5 mm



13,89 mm 1,98 mm









LED COB927-MICRO Linear flex stripe

2700 K | CRI 90 600 Lumen / meter

Active power: 6.6 Watt/meter



115783



LED COB930-MICRO Linear Flex stripe

3000 K | CRI 90 625 Lumen / meter Active power: 6.6 Watt/meter

115784



LED COB940-MICRO Linear Flex stripe

4000 K | CRI 90 650 Lumen / meter Active power: 6.6 Watt/meter



115785



LED COB965-MICRO Linear Flex stripe

6500 K | CRI 90 650 Lumen / meter Active power: 6.6 Watt/meter







NEW

1:1 DIMENSION

24V LED COB LINEAR FLEX STRIPE

8 WATT | IP20



480 LED/ METER

max. 5 m / feed-in

24 V DC 7,5 W/m Voltage Power

IP20Protection class

Separation point 50 mm

 Length:
 5 m

 Width:
 8 mm

 Height:
 2,1 mm

 Pitch:
 2.08 mm

Hours: 45.000 h L70 | B10

8 mm

2,08 mm

50 mm





LEDs COB927 Linear flex stripe

2700 K | CRI 90

725 Lumen / meter

Active power: 7.5 Watt/meter

115775



LEDs COB930 Linear flex stripe

3000 K | CRI 90

750 Lumen / meter

Active power: 7.5 Watt/meter

115776



LED COB940 Linear flex stripe

4000 K | CRI 90

775 Lumen / meter

Active power: 7.5 Watt/meter

115777



LED COB965 Linear flex stripe

6500 K | CRI 90

775 Lumen / meter

Active power: 7.5 Watt/meter











1:1 DIMENSION



640 LED/METER

24V LED COB927/965 LINEAR FLEX STRIPE

7W + 7W | IP20





640 LED/ METER

max. 5 m / feed-in

24 V DC 14 W/m Voltage Power

14 W/m IP20 Protection class

Separation point 25 mm

Length: 5 m Width: 10 mm

Height: 2,1 mm Pitch: 3,13 mm

Hours: 30.000 h L70 | B10

10 mm

3,13 mm

25 mm

115786

LED COB927/965 LINEAR FLEX STRIPE 7W + 7W

2700 - 6500 K | CRI 90 | Dynamic white 1420 Lumen / meter

Active power: 13.8 Watt/meter





1:1 DIMENSION

+DC2



24V LED COB RGB LINEAR FLEX STRIPE

14 WATT | IP20



840 LED/ METER

max. 5 m / feed-in

24 V DC 14 W/m

Voltage Power

IP20 Protection class Separation point 13,89 mm

Length: 5 m Width: 10 mm

Height: 2,1 mm Pitch: 3,57 mm

Hours: 30.000 h L70 | B10

10 mm

_____ I 2,1 mm

+0034V +0

13,89 mm 3,57 mm

115788

LED COB Linear flex stripe

RGB

Active power: 14 Watt/meter











24V LED COB RGB+WW LINEAR FLEX STRIPE 19.2 WATTS | IP20 G



Indx. 5 m/ recu m

24 V DC 19,2 W/m IP20 Voltage Power Protection class

Separation point 62,5 mm

 Length:
 5 m

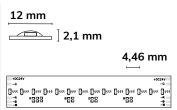
 Width:
 12 mm

 Height:
 2,1 mm

Pitch:

Hours: 30.000 h L70 | B10

4,46 mm



62,50 mm

115790

LED COB RGB+WW Linear flex stripe

3000 K | RGB 1250 Lumen / meter Active power: 19.2 Watt/meter

3 YEARS GUARANTEE







24V

DIMENSION

IP68



24V LED AQUA COB LINEAR FLEX STRIPE

7.5 WATT | IP68



480 LED/ METER

Casting: silicone transp., 360° fully cast, UV-stable

max. 5 m / feed-in

24 V DC 7,5 W/m IP68 Voltage Power

Protection class

Separation point 50 mm

Length: 5 m Width: 10 mm

Height: 5,5 mm

Pitch: 2,08 mm Hours: 45.000 h L70 | B10

10 mm





2,08 mm

50 mm

115778



LED AQUA COB927 Linear flex stripe

2700 K | CRI 90 650 Lumen / meter

Active power: 7.5 Watt/meter

115779



LED AQUA COB930 Linear flex stripe

3000 K | CRI 90

675 Lumen / meter

Active power: 7.5 Watt/meter

115780



LED AQUA COB940 Linear flex stripe

4000 K | CRI 90

700 Lumen / meter

Active power: 7.5 Watt/meter

115781



LED AQUA COB965Linear flex stripe

6500 K | CRI 90

700 Lumen / meter

Active power: 7.5 Watt/meter













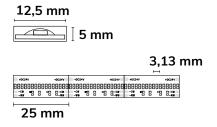




24V LED AQUA COB927/965 LINEAR FLEX STRIPE 7W+7W | IP68

NEW





115787

LED AQUA COB927/965 7W+7W

Dynamic white | 2700 K-6500 K | CRI 90 1280 Lumen / meter

227/965 7W+7W 6500 K | CRI 90 3 YEARS GUARANTEE







Active power: 14 Watt/meter

24V LED AQUA COB RGB LINEAR FLEX STRIPE 14.4 WATT | IP68



 Separation point
 50 mm

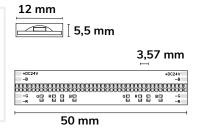
 Length:
 5 m

 Width:
 12 mm

 Height:
 5,5 mm

 Pitch:
 3,57 mm

 Hours:
 45.000 h L70 | B10



115789

LEDs AQUA COB RGB LINEAR FLEX STRIPE

RGB

Active power: 14 Watt/meter







24V LED AQUA RGB+WW COB FLEX **STRIPE** 19,3 WATT | IP68





896 LED/ METER

max. 5 m / feed-in

24 V DC 19,3 W/m IP68

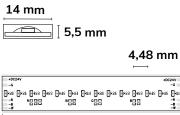
Voltage Power Protection class Separation point 62,50 mm

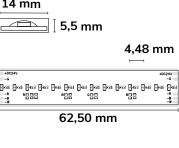
Length: 5 m Width: 14 mm

Height: 5,5 mm Pitch: 4,48 mm

30.000 h L70 | B10 Hours:

Casting: silicone transp., 360° fully cast, UV-stable





115791

LED AQUA COB RGB+WW Linear flex stripe

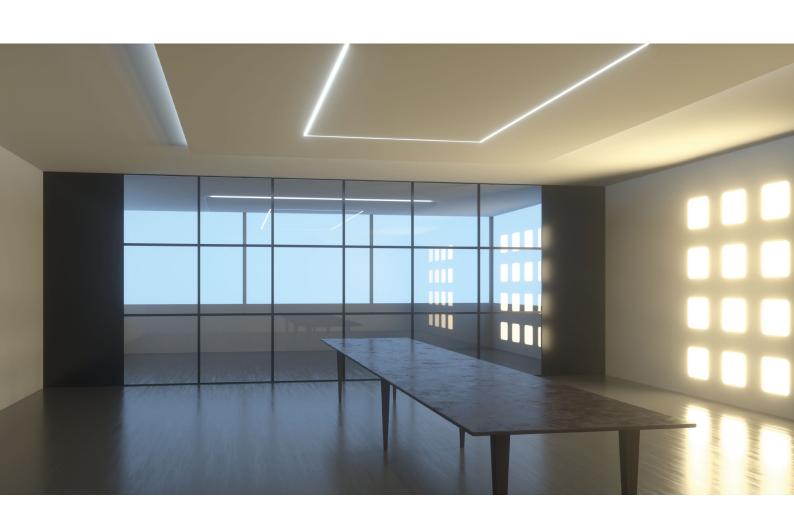
3000 K | RGB 1150 Lumen/Meter

Active power: 19,3 Watt/meter





DIMENSION







TYPICAL APPLICATIONS

- HOTELS & GASTRONOMY
- EVENT FACILITIES
- LOUNGES & CORRIDORS
- LIGHT / SUN PROTECTION & SHADE
- LOW LED COOLING PROFILES

Applications

Homogenous light tracks without visible light spots are customer request number 1.

This is achieved with bands in this series through a high chip density (pitch spacing); e.g. for SingleColor stripes with up to 280 LEDs/metress and RGB stripes with 120 LEDs/meter. Rolls in available lengths of 5 and 20 metres with the smallest joint of 20 mm ensure the lowest possible cutting waste during custom cutting.













EVENT FACILITIES LOUNGES & CORRIDORS LIGHT/SUN PROTECTION LOW LED COOLING & SHADE PROFILES



LED FLEX STRIPES

LINEAR CRI90+ series

HOMOGENOUS LIGHT TRACKS

minimum pitch (LED chip center - center)

OPTIMUM COLOR REPRODUCTION

CRI> 90 for natural object illumination

HIGH QUALITY CIRCUIT BOARDS

Optimal thermal management

20 METER ROLLS

low cutting waste during custom manufacture





IP20

24\

DIMENSION





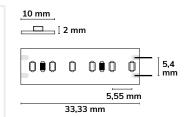
Voltage Power

24V LED CRI90+ LINEAR FLEX STRIPE

6 WATT | IP20

180 LED/ METER mm max. 10 m / feed IP20 24 V DC 6 W/m Protection class

Separation point 33,33 mm Length: 5/20 m Width: 10 mm Height: 2 mm 5.55 mm Pitch: Hours: 50.000 h L70 | B10



113146 5 METER | 113964 20 METER



LED CRI927 Linear10 flex stripe

Warm white | 2700 K | CRI93 600 Lumen / meter Active power: 6 Watt/meter

113147 5 METER | 113965 20 METER



LED CRI930 linear10 Flex stripes

Warm white | 3000 K | CRI93 600 Lumen / meter Active power: 6 Watt/meter

113148 5 METER | 113966 20 METER



LED CRI940 Linear10 flex stripe

Neutral white | 4000 K | CRI94 650 Lumen / meter Active power: 6 Watt/meter

113149 5 METER



LED CRI965 Linear 10 flex stripe

Cold white | 6500 K | CRI92 700 Lumen / meter Active power: 6 Watt/meter











1:1 DIMENSION



24V LED CRI90+ LINEAR FLEX STRIPES 8 WATT | IP20

8 mm Vidth 210 LED/ METER max. 10 m / feed

24 V DC 8 W/m IP20 Voltage Power Protection class Separation point 33,33 mm

Length:5 mWidth:8 mmHeight:2 mmPitch:4,76 mm

Hours: 50.000 h L70 | B10

114716 G F

LED CRI927 Linear8 flex stripe

Warm white | 2700 K | CRI92 800 Lumen / meter

Active power: 8 Watt/meter

114717 A E

LED CRI930 Linear8 flex stripe

Warm white | 3000 K | CRI92 830 Lumen / meter

Active power: 8 Watt/meter

114718 A E

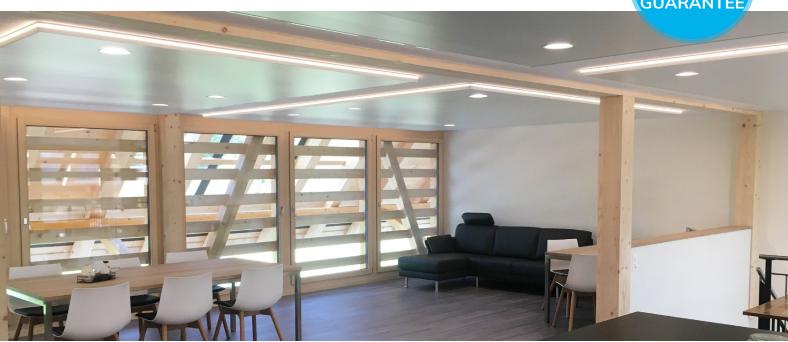
LED CRI940 Linear8 flex stripe

Neutral white | 4000 K | CRI92 850 Lumen / meter

Active power: 8 Watt/meter



5 YEARS GUARANTEE







353



24V LED CRI90+ LINEAR FLEX STRIPE

10 WATT | IP20



240 LED/ METER

max. 7.5 | 10 m / feed-in

24 V DC 10 W/m Voltage Power

IP20 Protection class Separation point 25 mm

5/20 m Length: Width: 10 mm Height: 2 mm Pitch: 4.16 mm

50.000 h L70 | B10 Hours:

10 mm 4.16 mm

25 mm

113077 5 METER | 113228 20 METER



LED CRI927 Linear10 flex stripe

Warm white | 2700 K | CRI93 850 Lumen / meter

Active power: 10 watts/meter



113076 5 METER | 113227 20 METER

LED CRI930 linear 10 flex stripes

Warm white | 3000 K | CRI93 900 Lumen / meter

Active power: 10 watts/meter





113078 5 METER | 113229 20 METER

LED CRI940 Linear10 flex stripe

Neutral white | 4000 K | CRI93

1000 Lumen / meter

Active power: 10 watts/meter



113144 5 METER

A E

LED CRI965 Linear 10 flex stripe

Cold white | 6500 K | CRI92 1100 Lumen / meter

Active power: 10 watts/meter



Corner connector luminous

2700 K (113077 | 113228)

115187

3000 K (113076 | 113227)

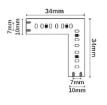
115188

4000 K (113078 | 113229)

115189

6500 K (113144)

115190







FULL SPECTRUM

Excellent color rendering - 99% equivalent to natural sunlight!



24V LED FLEX STRIPE 5 METER

FULL SPECTRUM | 14 Watt | IP20 D



160 LED/ METER

max. 7.5 m / feed-in

24 V DC Voltage 13,5 W/m IP20 Power Prote

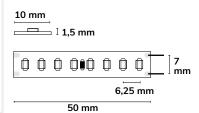
Protection class

Separation point 50 mm

Length: 5 m

Width: 10 mm Height: 1,5 mm

Pitch: 6,25 mm **Hours:** 50.000 h L70 | B10



113555

LED CRI930 Full spectrum flex stripe

Warm white | 3000 K | CRI99

1700 Lumen / meter

Active power: 13.5 Watt/meter

113556

LED CRI940 Full spectrum flex stripe

Neutral white | 4000 K | CRI99

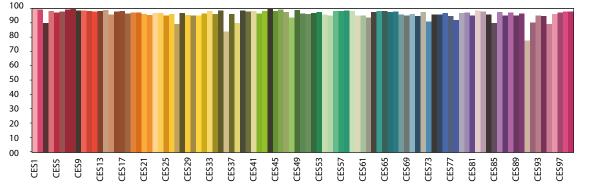
1750 Lumen / meter

Active power: 13.5 Watt/meter





1:1 DIMENSION



ANSI/IES TM-30-18

Color fidelity = 96

CRI RA = 99.3

CRI R9 = 99

especially vivid skin tones

NIST COLOR QUALITY SCALE

Color quality 97.7 Color fidelity 97.6 Color preference 98.0 Color space scale 99.6

CRI: Ra= 99.3, avgR(1~14)= 98.4, avgR(1~15)= 98.3 TM30: Rf= 96, Rg= 100 R4 =99 R6 =99 R7 =100 R8 =100 R1 =99 R2 =99 R3 =99 R5 =99 R10=98 R12=92 R14=99 R9 = 99R11=96 R13=99 R15=98

Color Quality Scale: Qa= 97.7, Qf= 97.6, Qp= 98.0, Qg= 99.6

Q1 =98 Q2 =99 Q3 =99 Q4 =99 Q5 =98 Q6 =98 Q7 =99 Q8 =98 Q9 =96 Q10=96 Q11=97 1.2 Q12=98 Q13=99 Q14=100 Q15=99



DIMENSION



THE STATE OF



24V LED CRI90+ LINEAR10 FLEX STRIPE

15 WATT | IP20 📴



24 V DC 15 W/m IP20 Voltage Power Protection class Separation point 25 mm 5/20 m Length: Width: 10 mm Height: 2 mm Pitch: 3.57 mm

50.000 h L70 | B10 Hours:

10 mm 5,4 mm 3,57 mm

25 mm



LED CRI927 Linear10 flex stripe

Warm white | 2700 K | CRI92 1550 Lumen / meter Active power: 15 Watt/meter

113073 5 METER | 113204 20 METER

LED CRI930 linear10 Flex stripes

Warm white | 3000 K | CRI92 1600 Lumen / meter Active power: 15 Watt/meter

113075 5 METER | 113206 20 METER

LED CRI940 Linear10 flex stripe

Neutral white I 4000 K I CRI95 1650 Lumen / meter Active power: 15 Watt/meter

113143 5 METER

LED CRI965 Linear 10 flex stripe

Cold white | 6500 K | CRI92 1850 Lumen / meter Active power: 15 Watt/meter





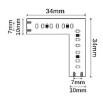
Corner connector luminous

2700 K (113074 | 113205) 115191

3000 K (113073 | 113204) 115192

4000 K (113075 | 113206) 115193

6500 K (113143) 115194







15 WATT | IP20

24V LED CRI90+ LINEAR8 FLEX STRIPE



IP20 24 V DC 15 W/m

Protection class Voltage Power

Separation point 25 mm Lenath: 5 m Width: 8 mm Height: 2 mm Pitch: 3 mm 50.000 h L70 | B10 Hours:

8 mm **5 YEARS GUARANTEE** 3 mm

114727



LED CRI920 Linear8 flex stripe

Ultrawarm white | 2000 K | CRI92 1000 Lumen / meter

Active power: 15 Watt/meter





LED CRI925 Linear8 flex stripe

Warm white | 2500 K | CRI92 1300 Lumen / meter Active power: 15 Watt/meter

114720



LED CRI927 Linear8 flex stripe

Warm white | 2700 K | CRI92 1350 Lumen / meter Active power: 15 Watt/meter

114721



LED CRI930 Linear8 flex stripe

Warm white | 3000 K | CRI92 1400 Lumen / meter

Active power: 15 Watt/meter

114722



LED CRI940 Linear8 flex stripe

Neutral white | 4000 K | CRI92 1500 Lumen/Meter | Width: 10 mm

Active power: 15 Watt/meter

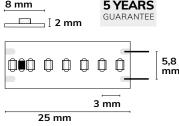




LED CRI960 Linear8 flex stripe

Cold white | 6000 K | CRI92 1500 Lumen / meter

Active power: 15 Watt/meter



















DIMENSION



24V LED CRI90 + LINEAR 8 FLEX STRIPE 22 WATT | IP20 []

350 LED/ METER max. 3 m / feed-in

24 V DC 22 W/m IP20

Protection class Voltage Power

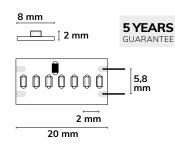
Separation point 20 mm

Length: 3 m Width: 8 mm Height: 2 mm

Pitch:

2 mm 50.000 h L70 | B10 Hours:

Note: Requires a cooling profiles with a mass of at least 140r/m



114724

LED CRI927 Linear8 flex stripe

Warm white | 2700 K | CRI92 1830 Lumen / meter Active power: 22 Watt/meter

ISOLED

114725

LED CRI930 Linear8 flex stripe

Warm white | 3000 K | CRI92 1900 Lumen / meter Active power: 22 Watt/meter



114726

LED CRI940 Linear8 flex stripe

Neutral white | 4000 K | CRI92 2100 Lumen / meter Active power: 22 Watt/meter









24V LED CRI90+ LINEAR10 FLEX STRIPE

22 WATT | IP20 []





300 LED/ METER

max. 5 m / feed-in

24 V DC 22 W/m Voltage Power

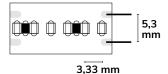
IP20 Protection class Separation point 20 mm

5/20 m Length: Width: 10 mm Height: 3 mm

Pitch: 3,33 mm Hours: 50.000 h L70 | B10

Note: Requires a cooling profiles with a mass of at least 140gr/m

10 mm



20 mm

112708 5 METER | 112938 20 METER

LED CRI930 linear10 flex stripe

Warm white | 3000 K | CRI95 1900 Lumen / meter

Active power: 22 Watt/meter

112709 5 METER | 112939 20 METER

LED CRI942 Linear10 flex stripe

Neutral white | 4200 K | CRI91 2050 Lumen / meter

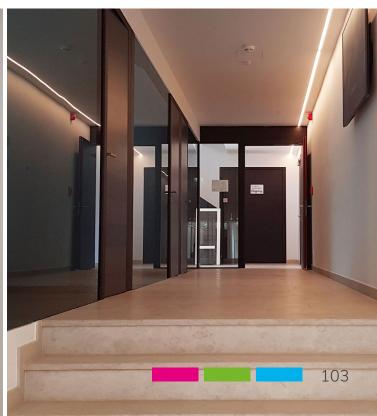
Active power: 22 Watt/meter





1:1 DIMENSION







DIMENSION



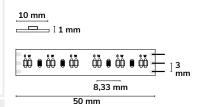
24V LED CRI930/960 LINEAR10 FLEX STRIPE CLASSIC

20 WATT | IP20 []



Separation point 50 mm Length: 5 m Width: 10 mm Height: 1 mm Pitch: 8,33 mm 50.000 h L70 | B10 Hours:

Note: When operated on a dynamic white controller power consumption *8 W/m, 850 lm/m



112710

LED CRI930/960 flex stripe

dynamic white | 3000-6000 K | CRI90 1700 Lumen / meter

Active power: 19 Watt/meter



1:1 DIMENSION



PITCH 8.33 mm

24V LED CRI923/960 LINEAR10 FLEX **STRIPE** 20 WATT | IP20



max. 10 m / feed*

24 V DC 19,8 W/m IP20

Power

Protection class

Separation point 8,33 mm

Length: 5 m Width: 10 mm Height: 1,5 mm

Pitch: 8,33 mm

30.000 h L70 | B10 Hours:

Note: For operation with a dynamic white controller power consumption *10 W/m, 850 lm/m

10 mm _____ 1,5 mm 8,33 mm 8,33 mm

115698



LED CRI923/960 10W+10W

Dynamic white | 2300-6000 K | CRI90

2000 Lumen / meter

Active power: 19.8 Watt/meter





1:1 DIMENSION

(10)

24V LED CRI918/940 CRI923/950 LINEAR10 FLEX STRIPE

20 WATT| IP20 📴



24 V DC 19 W/m Voltage Power

//m IP20 er Protection class Separation point 50 mm

Length: 5 m Width: 10 mm Height: 3 mm

Pitch: 8,33 mm **Hours:** 50.000 h L70 | B10

Note: For operation with a dynamic white controller power consumption *8 W/m, 825 lm/m

114895

LED CRI918 /940 flex stripe

dynamic white | 1800-4000 K | CRI94

1600 Lumen / meter

Active power: 19 Watt/meter

113553

LED CRI923/950 flex stripe

dynamic white | 2300-5000 K | CRI90

1650 Lumen / meter

Active power: 19 Watt/meter

In conclusion we can say when operating PWM controller, the full effective power

10 mm

_____ I 3 mm

8,33 mm

50 mm

With 3-pole dynamic white flex stripes*, the dynamic white PWM CCT controller placed between the transformer and the light source dynamically regulates the color temperature and output between the cool 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%.

In conclusion we can say when operating with a dynamic-white PWM controller, the full effective power consumption and lumen output is never achieved, only a maximum of 50%. Your contact at ISOLED will be happy to advise you on control and provide you with the connection diagram for your individual installation on request. *3-pole: common anode (24 V DC plus) and one cathode (24 V DC minus) each for the cool white and warm white channel.

24V LED RGB LINEAR10 FLEX STRIPE

12 WATT | IP20

10 mm Width 180 LED/ METER max. 5 m / feed-in

24 V DC 12 W/m IP20Voltage Power Protection class

Separation point 33,33 mm

 Length:
 5 m

 Width:
 10 mm

 Height:
 1,4 mm

 Pitch:
 5,55 mm

Hours: 50.000 h L70 | B10



Active power: 11 Watt/meter







1:1 DIMENSION

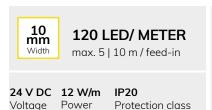




LED RGB LINEAR FLEX STRIPE

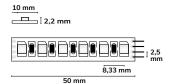
12 WATT | IP20





Separation point 50 mm
Length: 5/10 m
Width: 10 mm
Height: 2,2 mm
Pitch: 8,33 mm

Hours: 25.000 h L70 | B10



113597 5 METER | 113598 10 METER

LED RGB linear10 Flex stripes

RGB

Active power: 12 Watt/meter



1:1 DIMENSION



3,33mm

24V LED LINEAR10 FLEX STRIPE

COLOR | 10-15 WATTS | IP20



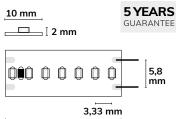
280 LED/ METER

max. 5 m / feed-in

24 V DC 10|15 W/m IP20 Voltage Power Protection class Separation point 25 mm
Length: 5 m
Width: 10 mm
Height: 2 mm
Pitch: 3.33 mm

 Pitch:
 3,33 mm

 Hours:
 50.000 h L70 | B10



114049

LED CRI9R Linear10 flex stripe

Rec

Active power: 10 watts/meter

114050

LED CRI9G Linear10 flex stripe

Green

Active power: 15 Watt/meter

114051

LED CRI9B Linear10 flex stripe

Blue

Active power: 15 Watt/meter





24V

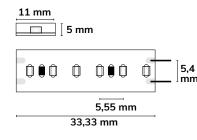
1:1 DIMENSION **IP54**

24V LED CRI90+ LINEAR FLEX STRIPE

6 WATT | IP54



5 YEARS GUARANTEE















LED CRI927 Linear11 flex stripe

Warm white | 2700 K | CRI93 600 Lumen / meter Active power: 6 Watt/meter





LED CRI930 linear11 flex stripe

Warm white | 3000 K | CRI93 600 Lumen / meter Active power: 6 Watt/meter





LED CRI940 Linear11 flex stripe

Neutral white | 4000 K | CRI94 650 Lumen / meter Active power: 6 Watt/meter

113153



LED CRI965 Linear11 flex stripe

Cold white | 6500 K | CRI92 700 Lumen / meter

Active power: 6 Watt/meter



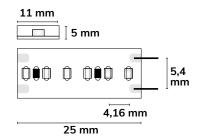






24V LED CRI90+ LINEAR11 FLEX STRIPE 10 WATT | IP54









LED CRI927 Linear11 flex stripe

Warm white | 2700 K | CRI93 900 Lumen / meter Active power: 9.5 Watt/meter





LED CRI930 linear11 flex stripe

Warm white | 3000 K | CRI93 900 Lumen / meter Active power: 9.5 Watt/meter

113156



LED CRI940 Linear11 flex stripe

Neutral white | 4000 K | CRI94 1000 Lumen / meter Active power: 9.5 Watt/meter





LED CRI965 Linear11 flex stripe

Cold white | 6500 K | CRI92 1050 Lumen / meter

Active power: 9.5 Watt/meter











24V LED CRI90+ LINEAR11 FLEX STRIPE

15 WATT | IP54 🗓 🕒



Separation point 25 mm

Length: 5 m

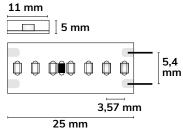
Width: 11 mm

Height: 5 mm

Pitch: 3,57 mm

4 V DC 15 W/m IP54 Pitch: 3,57 mm Hours: 50.000 h L70 | B10

Potting: Transparent silicone cover, pressed on on one side, UV-stable



113158

LED CRI927 Linear11 flex stripe

Warm white | 2700 K | CRI93 1550 Lumen / meter Active power: 15 Watt/meter

113159

LED CRI930 linear11 flex stripe

Warm white | 3000 K | CRI92 1600 Lumen / meter Active power: 15 Watt/meter

113160

LED CRI940 Linear11 flex stripe

Neutral white | 4000 K | CRI93 1650 Lumen / meter Active power: 15 Watt/meter

113161

LED CRI965 Linear11 flex stripe

Cold white | 6500 K | CRI92 1800 Lumen / meter

Active power: 15 Watt/meter















Seminar center

TYPICAL APPLICATIONS

- ROOF STRUCTURES, FACADES, BAL-CONIES
- CEILING VAULT-/ MOULDING LIGHTING
- ESCALATORS
- LOUNGES & CORRIDORS
- EVENT FACILITIES

Applications

Special requirements need new innovations

Therefore for the first time we are also producing flex stripes which are supplied with constant 48V direct current. This allows longer supply cables and almost twice as large light lines due to lower voltage loss with lower current flow. We also carry the corresponding ballast units in our product range.



ROOF STRUCTURES, FACADES, BALCO-NIES



CEILING VAULT-/ MOULDING LIGHTING



ESCALATORS



LOUNGES & CORRIDORS



EVENT FACILITIES



LED FLEX STRIPES

LINEAR 48V CRI90+ series

NEW DIMENSIONS

5, 20 and 30 meters per roll

IP20 AND IP68

for indoor and outdoor applications

48V

low voltage loss over long leads and circuit board

DIVERSE

3.000 K, 4,000 Kelvin, Red, Green, Blue, Pink

half voltage loss Longer supply cable longer light lines

> 3 YEARS GUARANTEE IP20



IP20

48V





48V LED CRI90+ LINEAR FLEX STRIPE 8 WATT | IP20



48 V DC 7,5 W/m IP20 Voltage Power Protection class

Separation point 50 mm

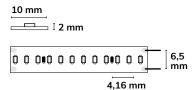
 Length:
 5/30 m

 Width:
 10 mm

 Height:
 2 mm

 Pitch:
 4,16 mm

Hours: 50.000 h L70 | B10



50 mm

114341 5 METER | 114233 30 METER

LED CRI930 Linear 48V flex stripe

Warm white | 3000 K | CRI95 700 Lumen / meter

Active power: 7.5 Watt/meter

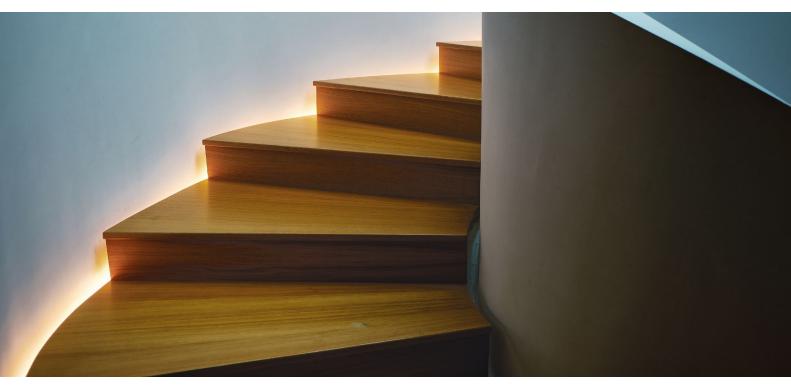
114342 5 METER | 114234 30 METER

LED CRI940 Linear 48V flex stripe

Neutral white | 4000 K | CRI95 700 Lumen / meter

Active power: 7.5 Watt/meter





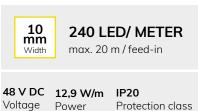


(M)





48V LED CRI90+ LINEAR FLEX STRIPE 13 WATT | IP20



 Separation point 50 mm

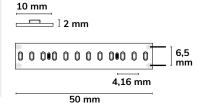
 Length:
 5/20 m

 Width:
 10 mm

 Height:
 2 mm

 Pitch:
 4,16 mm

 Hours:
 50.000 h L70 | B10



114344 5 METER | 114241 20 METER

LED CRI930 Linear 48V flex stripe

Warm white | 3000 K | CRI95 1100 Lumen / meter Active power: 12,9 Watt/meter

114346 5 METER | 114242 20 METER

LED CRI940 Linear 48V flex stripe

Neutral white | 4000 K | CRI95 1100 Lumen / meter

Active power: 12,9 Watt/meter





48V LED RGB FLEX STRIPE

14.4 | 19 WATT | IP20



48 V DC 14,4|19 W/m IP20Voltage Power Protection class

Separation point 125 mm Length: 20 m

 Width:
 10 mm

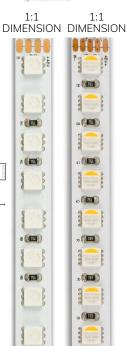
 Height:
 2,3 mm

 Pitch:
 10,42 mm

 Hours:
 30.000 h L70 | B10

10 mm
______ I 2,3 mm
______ I 2,3 mm
______ I 2,3 mm
______ I 2,5 mm

NEW



(TE)

(191)

(SII)

115584

LED RGB 48V

Active power: 14.4 Watt/meter



Active power: 19 Watt/meter



IP68

48\

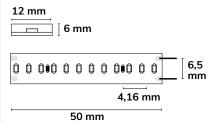








Separation point 50 mm Length: 5/30 m Width: 12 mm Height: 6 mm Pitch: 4.16 mm Hours: 50.000 h L70 | B10



114343 5 METER | 114235 30 METER

LED CRI930 Linear 48V flex stripe

Warm white | 3000 K | CRI95 700 Lumen / meter Active power: 7.5 Watt/meter

114345 5 METER | 114236 30 METER

LED CRI940 Linear 48V flex stripe

Neutral white | 4000 K | CRI95 700 Lumen / meter Active power: 7.5 Watt/meter

114601 5 METER | 114237 30 METER

LED CRI9B Linear 48V flex stripe

Active power: 7.5 Watt/meter

114570 5 METER | 114238 30 METER

LED CRI9R Linear 48V flex stripe

Active power: 7,5 Watt/meter | Joint: 62,5

114618 5 METER | 114239 30 METER

LED CRI9G Linear 48V flex stripe

Active power: 7.5 Watt/meter

114619 5 METER | 114240 30 METER

LED CRI9P Linear 48V flex stripe

Active power: 7.5 Watt/meter















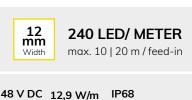
Voltage Power



48V LED CRI90+ LINEAR FLEX STRIPE 13 WATT | IP68 🗓 📑

1.1 DIMENSION

W



Separation point 50 mm 5/20 m Length: Width: 12 mm 6 mm Height: Pitch: 4,16 mm Hours: 50.000 h L70 | B10

0 0 0 0 0 0 0 0 0 0 0 0 0 4.16 mm 50 mm

12 mm

____ | 6 mm

Casting: silicone transparent, 360° Fully cast, UV-stable

Protection class

114347 5 METER | 114243 20 METER

LED CRI930 Linear 48V flex stripe

Warm white | 3000 K | CRI95 1100 Lumen / meter

Active power: 12,9 Watt/meter

114348 5 METER | 114244 20 METER

LED CRI940 Linear 48V flex stripe

Neutral white | 4000 K | CRI95 1100 Lumen / meter Active power: 12,9 Watt/meter



1:1 DIMENSION DIMENSION

155



48V LED AQUA RGB FLEX STRIPE

19 WATT | IP68

Hours:



48 V DC 14|19 W/m IP68 Protection class Voltage Power

Separation point 125 mm 20 m Length: Width: 12 mm Height: 2.2 mm Pitch: 10.42 mm 30.000 h L70 | B10

12 mm

> 10,42 mm 125 mm

115586

LED AQUA RGB 48V

Active power: 14 Watt/meter















TYPICAL APPLICATIONS

- DISPLAY WINDOW & EXHIBITION AREAS
- HOME DECOR
- FURNITURE AND KITCHEN MA-NUFACTURING
- ADVERTISING LIGHTING
- HOTELS & GASTRONOMY

Applications

Ultra-narrow light tracks for special applications and stylish lighting design.

We selected reinforced circuit boards, to avoid needing to sacrifice light intensity and voltage loss.

In particular our Micro-RGB strip with 8 chips per 50 mm joint section and a width of just 8 mm is peerless.



DISPLAY WINDOW & EXHIBITION AREAS



HOME DECOR



FURNITURE AND KITCHEN MANUFACTURING



ADVERTISING LIGHTING



HOTELS & CATERING



LED FLEX STRIPES MICRO series

SMALLEST POSSIBLE DIMENSION

4 to 8 mm width

SOLID CONDUCTOR TRACKS

double, reinforced PCB layers

INNOVATIVE

clever chip arrangement

CREATIVE SOLUTIONS

New application options with narrow cooling profiles





TEI

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24V LED CRI90+ MICRO LINEAR FLEX STRIPE 6 WATT | IP20



240 LED/ METER

max. 5 m / feed-in

24 V DC 6 W/m Voltage Power **IP20**Protection class

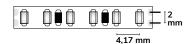
Separation point 25 mm

Length: 5 m

Width: 4 mm
Height: 3 mm
Pitch: 4,17 mm

Hours: 50.000 h L70 | B10

4 mm 3 mm



25 mm





LED CRI927 MICRO Linear flex stripe

Warm white | 2700 K | CRI93 600 Lumen / meter

Active power: 6 Watt/meter





LED CRI930 MICRO Linear flex stripe

Warm white | 3000 K | CRI93 600 Lumen / meter Active power: 6 Watt/meter

113764



LED CRI940 MICRO Linear flex stripe

Neutral white | 4000 K | CRI93 620 Lumen / meter

Active power: 6 Watt/meter











24V LED COB MICRO LINEAR FLEX STRIPE

6,6 WATT | IP20





24 V DC 6,6 W/m IP20 Voltage Power Protection class

Separation point 13,89 mm Length: 5 m

 Length:
 5 m

 Width:
 5 mm

 Height:
 2,1 mm

 Pitch:
 1,98 mm

Hours: 45.000 h L70 | B10

5 mm

13,89 mm 1,98 mm

NEW



115782



LED COB927-MICRO Linear flex stripe 2700 K | CRI 90

600 Lumen / meter

Active power: 6.6 Watt/meter

115783



LED COB930-MICRO Linear flex stripe

3000 K | CRI 90 625 Lumen / meter

Active power: 6.6 Watt/meter

115784



LED COB940-MICRO Linear flex stripe

4000 K | CRI 90 650 Lumen / meter

Active power: 6.6 Watt/meter

115785



LED COB965-MICRO Linear flex stripe

6500 K | CRI 90

650 Lumen / meter

Active power: 6.6 Watt/meter















24V LED CRI90+ MICRO FLEX STRIPE

9,6 WATT | IP20 [G



120 LED/ METER

max. 5 m / feed-in

24 V DC 9,6 W/m IP20Voltage Power Protection class

Separation point 50 mm

Length:5 mWidth:5 mmHeight:2 mm

 Pitch:
 8,33 mm

 Hours:
 30.000 h L70 | B10

5 mm 2 mm

8,33 mm

50 mm



LED CRI930 MICRO flex stripe

Warm white | 3000 K | CRI93 650 Lumen / meter Active power: 9.6 Watt/meter

112752

LED CRI942 MICRO flex stripe

Neutral white | 4200 K | CRI94 700 Lumen / meter Active power: 9.6 Watt/meter











24V LED CRI90+ MICRO LINEAR FLEX STRIPE 10 WATT | IP20



240 LED/ METER

max. 5 m / feed-in

24 V DC 10 W/m IP20

Voltage Power

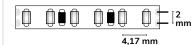
Protection class

Separation point 25 mm

Length: 5 m Width: 4 mm Height: 1,2 mm Pitch: 4.17 mm

75.000 h L70 | B10 Hours:





25 mm

113457

LED CRI927 MICRO Linear flex stripe

Warm white | 2700 K | CRI93 900 Lumen / meter

Active power: 10 watts/meter



113458

LED CRI930 MICRO Linear flex stripe

Warm white | 3000 K | CRI93 910 Lumen / meter

Active power: 10 watts/meter



113459

LED CRI940 MICRO Linear flex stripe

Neutral white | 4000 K | CRI93 920 Lumen / meter

Active power: 10 watts/meter

8mm



RUBAN LED MICRO

12 WATT | IP20 []





120 LED/ METER

Protection class

max. 5 m / feed-in

5 m Length: Width: 8 mm

Height: 2,2 mm Pitch: 8,33 mm

Separation point 50 mm

25.000 h L70 | B10 Hours:





50 mm



LED RGB MICRO flex stripe

RGB | CRI92

Active power: 12 Watt/meter

24 V DC 12 W/m IP20

Voltage Power





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24V LED CRI90+ MICRO LINEAR FLEX STRIPE

15 WATT | IP20 f F

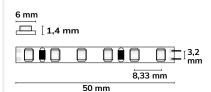


24 V DC 15 W/m IP20 Voltage Protection class Power

Separation point 50 mm Length: 5 m Width: 6 mm

Height: 1,4 mm Pitch: 8.33 mm

50.000 h L70 | B10 Hours:



113460

LED CRI927 MICRO Linear flex stripe

Warm white | 2700 K | CRI93 1250 Lumen / meter Active power: 15 Watt/meter



113461

LED CRI930 MICRO Linear flex stripe

Warm white | 3000 K | CRI93 1300 Lumen / meter Active power: 15 Watt/meter



113462

LED CRI940 MICRO Linear flex stripe

Neutral white | 4000 K | CRI93 1400 Lumen / meter

Active power: 15 Watt/meter









12V LED HEQ MICRO FLEX STRIPE

5 mm

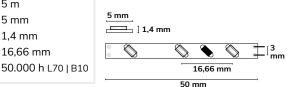
1,4 mm

16,66 mm

4,8 WATT | IP20 []







111678

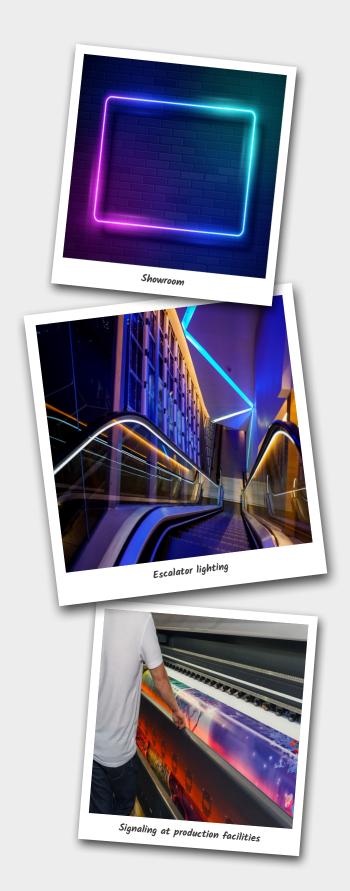
LED HEQ840 MICRO flex stripe

Neutral white | 4000 K | CRI83 400 Lumen / meter Active power: 4.8 Watt/meter









TYPICAL APPLICATIONS

- SHOP WINDOW
- EXHIBITION & SALES AREAS
- SHOWROOM
- BAR AND GASTRONOMY
- ADVERTISEMENT / BILLBOARDS
- TV (AMBIENT LIGHT)
- COLOR SIGNALING ON MACHINES & PRODUCTION FACILITIES

Applications

To create dynamic lighting effects such as running lights or soft to achieve color transitions over an entire light line, digitally controllable chips are required. Those of the latest WS2815 generation can be installed directly below the of the diode. This creates space on the Flex stripes-board, enables the addressing of each individual point of light and therefore also stepless light effects.

A large number of control systems already support this NEW SPI IC of type WS2815. We offer a powerful controller including Remote control with already stored, ready-made effect programs, which can be adjusted in its speed and intensity can be regulated individually.



EXHIBITION & SALES AREAS



BAR AND GASTRONOMY



BILLBOARDS



TV (AMBIENT LIGHT)



SIGNALING TO MACHINES



LED FLEX STRIPES

Digital SPI/Neopixel flex stripe

EACH CHIP CAN BE CONTROLLED

invisible WS2815 control chip below each RGB SMD

FLOWING, HOMOGENOUS EFFECTS

Due to a small LED chip distance and a separation section of only 16.7 mm

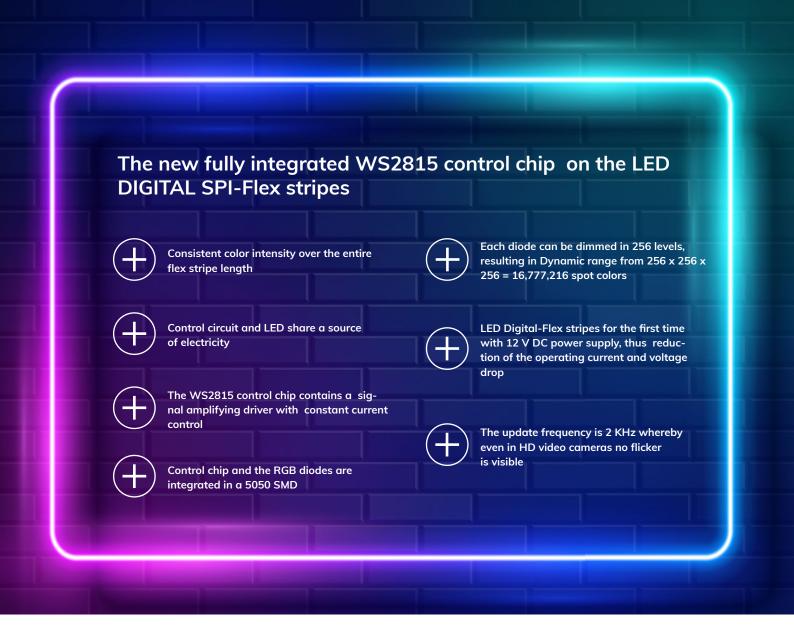
IP20 / IP68 DESIGN

360° fully cast double-sided 3m/3m VHB adhesive tape

HIGH COMPATIBILITY

with a large selection of corresponding SPI controllers







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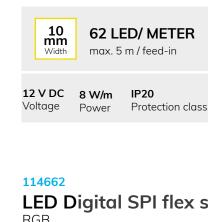
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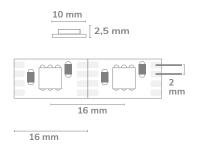
12V LED DIGITAL SPI-FLEX STRIPE

8 WATT | IP20











LED Digital SPI flex stripe

Active power: 8 Watt/meter



12V LED DIGITAL SPI-FLEX STRIPE

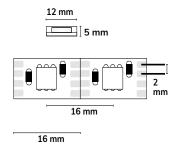
DIMENSION

† 8 (m)













CONTROLLER

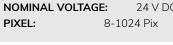


A compatible SPI (Serial Peripheral Interface) controller is used to control the **LED DIGITAL SPI-Flex stripes.**

12-24V LED RADIO SPI CONTROLLER

8 A | INCL. REMOTE CONTROL

NOMINAL VOLTAGE: 24 V DC PIXEL: 8-1024 Pix



LED radio SPI-controller for 8-1024 Pixel incl. remote control



Length: 97 m Length: 107 m Width: 33 mm Width: 58,5 mm Height: 18 mm Height: 9 mm 58,5 mm 18 mm 33 mm 107 mm 97| mm

REMOTE CONTROL

SPECIAL FEATURES



114661

2.4 GHz radio remote control with a range of up to 30 meters



32 dynamic lighting effects are preprogrammed to control from 1 to 1024 pixels



Memory function for two additional individually programmable light scenes



Control of each individual pixel for flowing color effects



With the power of this controller it is possible to realize a continuous effect line of 10 meters (600 pixels) of Digital-flex stripes item no. 114662 or 114663 with power supply on both sides









TYPICAL APPLICATIONS

- FOOD LIGHTING
- THEATERS + EVENT LOCATIONS
- KITCHEN MANUFACTURING
- BILLBOARDS
- SHOP LIGHTING, DISPLAY WINDOWS

applications

on flex stripes. For this reason, our range includes flex stripes for various special applications such as colorfast food lighting lens stripes with high beam angles of up to 160°, curve stripes for attachment in curved lines, flex stripes with sunset dim-to-warm function and many more.



FOOD LIGHTING



THEATERS + EVENT LOCATIONS



KITCHEN MANUFACTURING



BILLBOARDS



SHOP LIGHTING, DISPLAY WINDOWS



LED FLEX STRIPES

Flex stripes for special applications

UNIQUE

WAVELENGTH RANGES

Up to 4.650 Lumen / meter and 200 Lumen / Watt

DIM-TO-WARM / SUNSET DIMMING

1800 - 3000 K for a cosy atmosphere

SPECIAL VERSIONS

Curve for flexible installation 160° diffuser lens for backlighting

FOOD LIGHTING

Accentuates food such as bread, meat and vegetables.



24V

1:1 **DIMENSION**



24V LED CRI90+ FLEX STRIPES CURVE

12 WATT | IP20 []





Separation point 100 mm Length: 5 m Width: 8,5 mm 1.7 mm Height: Pitch: 16,66 mm

Hours: 50.000 h L70 | B10



100 mm

16,66 mm

113853

LED CRI927 flex stripe Curve

Warm white | 2700 K | CRI90 1200 Lumen / meter Active power: 12 Watt/meter

113854

LED CRI930 flex stripe Curve

Warm white | 3000 K | CRI90 1200 Lumen / meter Active power: 12 Watt/meter

113855

LED CRI940 flex stripe Curve

Neutral white | 4000 K | CRI90 1200 Lumen / meter

Active power: 12 Watt/meter







Sunset¹ **DIMENSION DIMMING**

24V LED CRI90 PWM FLEX STRIPE

DIM-TO-WARM / SUNSET 14 WATT | IP20

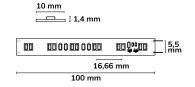
NEW





DCS#A





115259

LED CRI90 Dim-to-warm PWM flex stripe

1800 - 3000 K | CRI96 1160 Lumen / meter Active power: 14 Watt/meter







24V LED HEQ-FLEX STRIPE LENS 160° 17 WATT | IP20

DIMENSION



680

-



14 LED/ METER

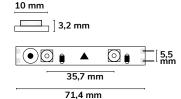
max. 5 m / feed-in

24 V DC Voltage

16,5 W/m IP20 Power Protection class Separation point: 71.4 mm

Length: 5 m Width: 10 mm Height: 3,2 mm Pitch: 35.7 mm

20000 h L70 | B10 Hours:



114658

LED HEQ830 flex stripe lens 160°

Warm white | 3000 K | CRI82 1600 Lumen / meter

Active power: 16.5 Watt/meter



114659

LED HEQ840 flex stripe lens 160°

Neutral white | 4000 K | CRI82

Active power: 16.5 Watt/meter

1700 Lumen / meter

114660

LED HEQ860 flex stripe lens 160°

Cold white | 6000 K | CRI81 1700 Lumen / meter

Active power: 16.5 Watt/meter







24V LED CRI90 FLEX STRIPE

DIM-TO-WARM / SUNSET | 20 WATT | IP20



224 LED/ METER

max. 3 m / feed-in

24 V DC 18,5 W/m IP20 Voltage Power

Protection class

Separation point 71,4 mm

Length: 5 m Width: 10 mm Height: 1,8 mm Pitch: 4,46 mm

30.000 h L70 | B10 Hours:

10 mm _____ I 1,8 mm 0 00 0 00 0 000 0 000 000 000 000 00 4,46 mm 71.4 mm

Note: Dimming only possible by voltage reduction (e.g. by operation on a dimmable transformer) and NOT by PWM/ PFM (operation on secondary controller)

114253

LED CRI90 Dim-to-warm Flex stripe

1800 - 2700 K | CRI95

1100 Lumen / meter

Active power: 18.5 Watt/meter



₩ RW



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(11)

99

(111)

+142-



14,4 WATT | IP20



Separation point: 50 mm Length: 5 m Width: 4 mm 1,4 mm Height: Pitch: 8.33 mm 30000 h L70 | B10 Hours:

8,33 mm 50 mm

4 mm

_____ I 1,4 mm

115700



LED CRI819 flex stripe Amber

24V LED CRI80+ FLEX STRIPE

1900 K | CRI80 1150 Lumen/Meter Active power: 14.4 Watt/meter



115701



LEDs CRI841 flex stripe Lime

4100 K | CRI80 1600 Lumen / meter Active power: 14.4 Watt/meter



115702



LED CRI865 flex stripe

Cold white | 6500 K | CRI80 1650 Lumen / meter Active power: 14.4 Watt/meter

1:1 **DIMENSION**

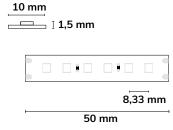
24V LED CRI819/840 FLEX STRIPE

AMBER+LIME | 10W+10W | IP20



240 LED/ METER mm max. 5 m / feed-in 24 V DC IP20 10 W/m Voltage Protection class Power

Separation point 50 mm Length: 5 m Width: 10 mm Height: 1,5 mm Pitch: 8,33 mm Hours: 30.000 h L70 | B10



115699

LED CRI819/840 10W/10W

Dynamic white | 1900 K - 4000 K | CRI80 1200 Lumen / meter

Active power: 10 watts/meter



May only be operated on a dynamic white controller - Rated power 10W





1:1

IP54

24V LED CRI FOOD FLEX STRIPE

14 WATT | IP54 | NANOCOATED



Separation point: 50 mm Length: 5 m Width: 10 mm Height: 1,4 mm Pitch: 7,14 mm Hours: 50.000 h L70 | B10















Voltage

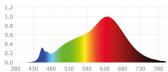
LED CRI food flex stripe bread

Protection class

'CRI97 | Dominant wavelength: 583 nm

1400 Lumen / meter Active power: 14.4 Watt/meter

Power

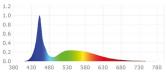




LED CRI food flex stripe fish

CRI75 | Dominant wavelength: 475 nm

1900 Lumen / meter Active power: 14.4 Watt/meter

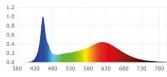




LED CRI food flex stripe meat

CRI80 | Dominant wavelength: 460 nm

1500 Lumen / meter Active power: 14.4 Watt/meter





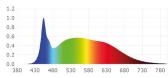


LED CRI food flex stripe vegetable

CRI85 | Dominant wavelength: 560 nm

1900 Lumen / meter

Active power: 14.4 Watt/meter











Use in power stations

TYPICAL APPLICATIONS

- HOME DECOR
- STAIRS AND RAILINGS
- LIGHT / SUN PROTECTION & SHADE
- EQUIPMENT ROOMS
- MARINE AND BOAT EQUIPMENT

Applications

The SIL IP66 category stands for flex stripes circuit boards with excellent price/performance ratio where a silicone layer has been applied across the surface.

This coating protects the LED chips during installation and assures the IP66 protection class with a downward shining fixing in indoor and outdoor operation



HOME DECOR



STAIRS AND RAILINGS



LIGHT / SUN PROTECTION & SHADE



EQUIPMENT ROOMS



MARINE AND BOAT EQUIPMENT



LED FLEX STRIPES

SIL IP66 series

ECONOMIC

Excellent price / performance ratio

LARGE RANGE

3.000 - 4,500 K, RGB | RGB+W

EXCELLENT ADHESION

Professional adhesive tape from 3m on the rear

SIMPLE APPLICATION

pre manufactured connection cable at beginning and end







24V LED SIL FLEX STRIPE 4,8 WATT | IP66



ISOLED



 Separation point
 100 mm

 Length:
 5 m

 Width:
 10 mm

 Height:
 3 mm

 Pitch:
 16,66 mm

 Hours:
 25.000 h L70 | B10

16,66 mm

100 mm

10 mm

Casting: Silicones transparent, surface poured out, slight color drift possible, uV-stable

111906

LED SIL830 flex stripe

Warm white | 3000 K | CRI85 450 Lumen / meter

Active power: 4,4 Watt/meter



111907

LED SIL845 flex stripe

Neutral white | 4500 K | CRI89 450 Lumen / meter

Active power: 4,4 Watt/meter

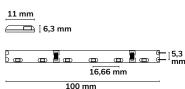


1:1

24V LED SIL SIDELED FLEX STRIPES 4,8 WATT | IP66







111919

SIL830 sideled flex stripe

Warm white | 3000 K | CRI83 500 Lumen / meter

Active power: 4,4 Watt/meter





24V LED SIL RGB FLEX STRIPE 7,2 WATT | IP66



1:1 DIMENSION

135



Separation point 167 mm Length: 5 m Width: 10 mm Height: 3 mm Pitch: 33,33 mm 25.000 h L70 | B10 Hours:

10 mm ____ [3 mm □ **■**.2,6 mm 33,33 mm 167 mm





1:1 **DIMENSION**

111913

LED SIL RGB flex stripe

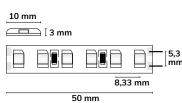
RGB

Active power: 6.5 Watt/meter

24V LED SIL FLEX STRIPE 9,6 WATTI IP66

A F







LED SIL830 flex stripe

Warm white | 3000 K | CRI85 750 Lumen / meter

Active power: 8.5 Watt/meter

111911

LED SIL845 flex stripe

Neutral white | 4500 K | CRI85 650 Lumen / meter

Active power: 8.5 Watt/meter









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24V LED SIL FLEX STRIPE 14,4 WATT | IP66





60 LED/ METER

max. 5 m / feed-in

24 V DC 13,8 W/m IP66 Voltage Power Prote

Protection class

Separation point 100 mm

 Length:
 5 m

 Width:
 10 mm

 Height:
 3 mm

 Pitch:
 16,66 mm

Hours: 25.000 h L70 | B10

Casting: Silicones transparent, surface poured out, slight

111914
10 mm
2,6
111915 | 111916
16,66 mm
100 mm

111915

LED SIL830 flex stripe

Warm white | 3000 K | CRI82 1250 Lmen / meter

color drift possible, UV-stable

Active power: 13.8 Watt/meter



111916

LED SIL842 flex stripe

Neutral white | 4200 K | CRI85 1300 Lumen / meter

Active power: 13.8 Watt/meter



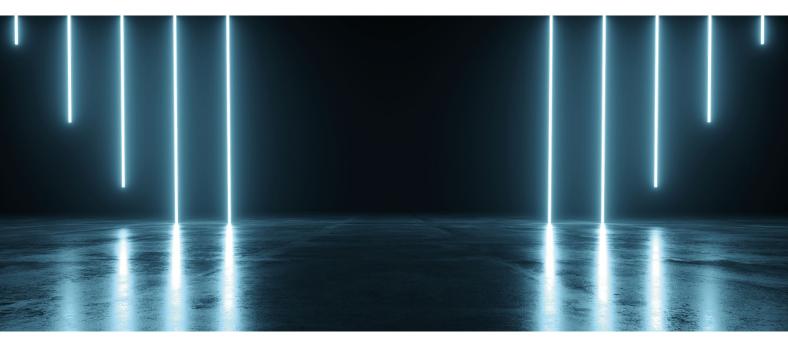
111914

LED SIL RGB flex stripe

RGE

Active power: 14.4 Watt/meter







12\

IP66

12V LED SIL FLEX STRIPE 4,8 WATT | IP66



1:1 DIMENSION

1



60 LED/ METER

max. 7.5 m / feed-in

4,4 W/m IP66

color drift possible, UV-stable

Protection class Power

Casting: Silicones transparent, surface poured out, slight

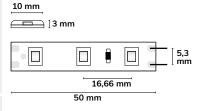
Separation point 50 mm Length: 5 m

10 mm

Width:

Height: 3 mm Pitch: 16,66 mm

Hours: 25.000 h L70 | B10



111904

12 V DC

Voltage

LED SIL830 flex stripe

Warm white | 3000 K | CRI85 450 Lumen / meter Active power: 4,4 Watt/meter



111905

LED SIL845 flex stripe

Neutral white | 4500 K | CRI89



DIMENSION

127

2 **111**

450 Lumen / meter Active power: 4,4 Watt/meter

12V LED SIL RGB FLEX STRIPE

7,2 WATT | IP66 []



max. 10 m / feed

12 V DC Voltage

IP66 6,5 W/m Power

Protection class

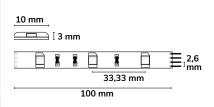
Separation point 100 mm

Length: 5 m Width: 10 mm

Height: 3 mm

Pitch: 33,33 mm Hours: 25.000 h L70 | B10

Casting: Silicones transparent, surface poured, UV-stable



111912

LED SIL RGB flex stripe

RGB

Active power: 6.5 Watt/meter



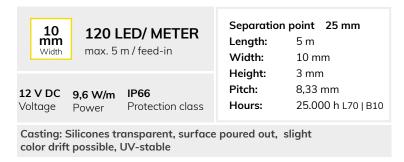


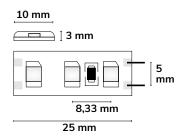


12V LED SIL FLEX STRIPE 9,6 WATT| IP66









111908

LED SIL830 flex stripe

Warm white | 3000 K | CRI85 750 Lumen / meter Active power: 9.6 Watt/meter

111909

LED SIL845 flex stripe

Neutral white | 4500 K | CRI89 775 Lumen / meter

Active power: 9.6 Watt/meter















TYPICAL APPLICATIONS

- HOME DECOR
- **DISPLAY WINDOW & EXHIBITION AREAS**
- FURNITURE AND KITCHEN MANU-**FACTURING**
- CEILING VAULT-/ MOULDING LIGHT-ING
- **ADVERTISING LIGHTING**

Applications

excellent price/performance ratio like the SIL IP66 series - just

This allows even better convection and operational heat dis-







DISPLAY WINDOW & EXHIBITION AREAS







FURNITURE AND KITCHEN MANUFACTURING MOULDING LIGHTING

CEILING VAULT-/

ADVERTISING LIGHTING



LED FLEX STRIPES

SIL IP20 series

ECONOMIC

Excellent price / performance ratio

LARGE RANGE

2.500 - 6.500 K, RGB | RGB+W | CCT

EXCELLENT COLOR ACCURACY

through strict binning within a production batch





IP20

24V

1:1 DIMENSION





24V LED SIL FLEX STRIPE

2,4 WATT | IP20



60 LED/ METER

max. 10 m / feed

24 V DC 2,5 W/m Voltage Power

IP20 Protection class Separation point 100 mm

 Length:
 10 m

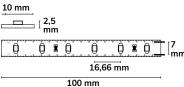
 Width:
 10 mm

 Height:
 2,5 mm

 Pitch:
 16,66 mm

 Pitch:
 16,66 mm

 Hours:
 25.000 h L70 | B10







LED SIL825 flex stripe

Warm white | 2500 K | CRI80 250 Lumen / meter

Active power: 2.5 Watt/meter





LED SIL830 flex stripe

Warm white | 3000 K | CRI82 250 Lumen / meter

Active power: 2.5 Watt/meter





LED SIL842 flex stripe

Neutral white | 4200 K | CRI82 300 Lumen / meter

Active power: 2.5 Watt/meter









1:1 DIMENSION

12

13

15

17





24V LED SIL FLEX STRIPE

4,8 WATT | IP20 📴



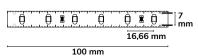


24 V DC 4,4 W/m IP20 Voltage Power Protection class Separation point 100 mm

Length: 5 m Width: 10 mm Height: 2,5 mm Pitch: 16.66 mm

25.000 h L70 | B10 Hours:





112066

LED SIL825 flex stripe

Warm white | 2500 K | CRI80 500 Lumen / meter Active power: 4,4 Watt/meter



112248

LED SIL830 flex stripe

Warm white | 3000 K | CRI82 500 Lumen / meter Active power: 4,4 Watt/meter



112067

LED SIL840 flex stripe

Neutral white | 4000 K | CRI82 500 Lumen / meter Active power: 4,4 Watt/meter



24V LED SIL FLEX STRIPE 7.2 WATTS | IP20





22



30 LED/ METER

max. 10 m / feed

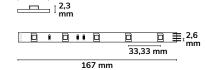
24 V DC 7,0 W/m Voltage Power

Protection class

Separation point 167 mm

Length: 5 m Width: 10 mm Height: 2.3 mm Pitch: 33.33 mm

25.000 h L70 | B10 Hours:



10 mm

112068

LED SIL RGB flex stripe

Active power: 7.2 Watt/meter





1:1 DIMENSION



24V LED SIL FLEX STRIPE 9,6 WATT| IP20





Separation point 50 mm

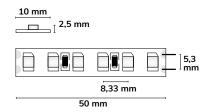
Length: 5 m

Width: 10 mm

Height: 2,5 mm

Pitch: 8,33 mm

Hours: 25.000 h L70 | B10



112059

LED SIL825 flex stripe

Warm white | 2500 K | CRI80 800 Lumen/meter
Active power: 8.5 Watt/meter



112249

LED SIL830 flex stripe

Warm white | 3000 K | CRI83 900 Lumen / meter Active power: 8.5 Watt/meter



112060

LED SIL840 flex stripe

Neutral white | 4000 K | CRI82 950 Lumen / meter Active power: 8.5 Watt/meter

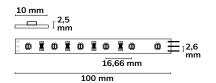


1:1 DIMENSION



24V LED SIL-CCT FLEX STRIPE 5W + 5W | IP20





Casting: When operated on a dynamic white controller power consumpti on *5.25 W/m, 475 lm/m $\,$

112590

LED SIL830/860 flex stripe

dynamic white | 3000-6000 K | CRI<mark>8</mark>5 950 Lumen / meter

Active power: 10.5 Watt/meter





24V LED SIL FLEX STRIPE 14,4 WATT | IP20



1:1 DIMENSION



60 LED/ METER

 \max . 5 m / feed-in

24 V DC 14,4 W/m IP20

Voltage Power Protection class

Separation point 100 mm

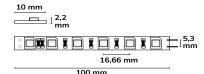
 Length:
 5 m

 Width:
 10 mm

 Height:
 2,2 mm

 Pitch:
 16,66 mm

Hours: 25.000 h L70 | B10



112058

LED SIL825 flex stripe

Warm white | 2500 K | CRI83 1350 Lumen / meter Active power: 14.4 Watt/meter

112247

LED SIL830 flex stripe

Warm white | 3000 K | CRI82 1400 Lumen / meter Active power: 14.4 Watt/meter

111947

LED SIL840 flex stripe

Neutral white | 4000 K | CRI82 1450 Lumen / meter

Active power: 14.4 Watt/meter

111957

LED SIL RGB flex stripe

RGB

Active power: 14.4 Watt/meter

















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24V LED SIL FLEX STRIPE RGB+W 19

WATT | IP20 G



24 V DC 18 W/m IP20

Voltage Power Protection class

Separation point 100 mm

 Length:
 5 m

 Width:
 10 mm

 Height:
 3 mm

 Pitch:
 16.66 mm

Hours: 25.000 h L70 | B10

10 mm 1 3 mm 16,66 mm

100 mm

112714

LED SIL RGB+WW flex stripe

RGB + WW | RGB + 2700 K | CRI86 950 Lumen / meter

Active power: 18 Watt/meter



112734

LED SIL RGB+KW flex stripe

RGB + KW | RGB + 6200 K | CRI86 1050 Lumen / meter Active power: 18 Watt/meter



1:1 DIMENSION





24V LED SIL FLEX STRIPE RGB+W+WW

20 WATT | IP20 🔋 🕒



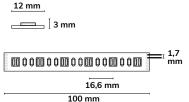
24 V DC 20 W/m IP20 Voltage Power Prote

IP20Protection class

Separation point: 100 mm **Length:** 5 m

Width: 12 mm
Height: 3 mm
Pitch: 16,6 mm

Hours: 25.000 h L70 | B10



114684

LED SIL flex stripe RGB+W+WW

RGB + 6500 K + 2500 K | CRI83 1400 Lumen / meter

Active power: 20 Watt/meter

Individual channels in StandAlone mode: $\,$ KW: $\,$ 6500 K - 4.6 $\,$

W/m - 530 lm/m

WW: 2500 K - 4.7 W/m - 500 lm/m KW + WW: 4000 K - 9.1 W/m - 1000 lm/m

R+G+B: 12,2 W/m - 510 lm/m

R + G + B + KW + WW: 6000 K - 20,8 W/m - 1430 lm/m



1:1

DIMENSION

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RR RR

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RW RW





24V LED SIL RGB + WW FLEX STRIPE

19,5 WATT | IP20 [G



24 V DC 19,5 W/m IP20 Voltage Power Protection class Separation point 62,50 mm

Length: 5 m Width: 10 mm Height: 3 mm Pitch: 10,42 mm Hours: 30.000 h L70 | B10





10,42 mm 62,5 mm

115506

LED SIL-RGB+WW 4in1 Chip

RGB | CRI86

Active power: 19.5 Watt/meter

NEW





-RRI RRI

IP20

12V LED SIL FLEX STRIPE 4,8 WATT | IP20





60 LED/ METER

max. 7.5 m / feed-in

12 V DC Voltage

IP20 4,4 W/m Power

Protection class

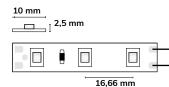
Separation point 50 mm 5 m

Length: Width:

10 mm Height: 2,5 mm 16,66 mm

Pitch: Hours:

25.000 h L70 | B10



50 mm

ISOLED

ISOLED

1:1 **DIMENSION**



















112062

LED SIL825 flex stripe

Warm white | 2500 K | CRI82 450 Lumen / meter

Active power: 4,4 Watt/meter

112244

LED SIL830 flex stripe

Warm white I 3000 K I CRI81 500 Lumen / meter

Active power: 4,4 Watt/meter

112061

LED SIL840 flex stripe

Neutral white | 4000 K | CRI82 500 Lumen / meter

Active power: 4,4 Watt/meter





DIMENSION

(III) (IEI)

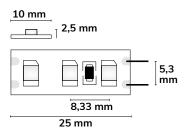
12V LED SIL FLEX STRIPE 9,6 WATT| IP20





Separation point 25 mm 5 m Length: 10 mm Width: Height: 2,5 mm Pitch: 8,33 mm

25.000 h L70 | B10 Hours:



112065

LED SIL825 flex stripe

Warm white | 2500 K | CRI80 800 Lumen/meter Active power: 9.6 Watt/meter

112245

LED SIL830 flex stripe

Warm white | 3000 K | CRI83 900 Lumen / meter Active power: 9.6 Watt/meter

112064

LED SIL840 flex stripe

Neutral white | 4000 K | CRI82 950 Lumen / meter

Active power: 9.6 Watt/meter









LED FLEX STRIPES

Flex stripes accessories





ACCESSORIES 2-POLE

Width 5 mm | IP20



NEW 115757 Clip connector universal | 2-pole IP20 | 5 mm max. 5 A



NEW 115758 Clip cable connection universal | 2-pole IP20 | 5 mm max. 5 A



NEW 115759 Clip corner connector universal | 2-pole IP20 | 5 mm max. 5 A



NEW 115760 MiniAMP male connector to clip | 2-pole IP20 | 5 mm max. 3A

Width 6 mm | IP20

max. 5A



Clip cable connection universal | 2-pole IP20 | 6 mm



114861 Clip connector universal 2-pole IP20 | 6 mm max. 5A



114863 Clip connector with cable universal IP20 | 6 mm max. 5A





114865 Clip cable connection universal | 2-pole IP20 | 8 mm



114864 Clip connector universal 2-pole IP20 | 8 mm max. 5A



114866 Clip connector with cable universal 2-pole IP20 | 8 mm

max. 5A

max. 5 A



Clip corner connector universal 2-pole IP20 | 8 mm

max. 5A



111963

Clip corner connector 2-pole IP20 | 8 mm

Pitch spacing >12 mm



111626

Clip cable connection 2-pole IP20 | 8 mm

Pitch spacing >12 mm





111629

Clip corner connector 2-pole IP20 | 8 mm





111620

Clip connector 2-pole IP20 | 8 mm Pitch spacing >12 mm



111967

Clip T connector 2-pole IP20 | 8 mm

Pitch spacing >12 mm



111623

Clip connector with Cable 2-pole IP20 | 8 mm

Pitch spacing >12 mm

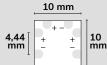
Width 10 mm | IP20



NEW

115503

Corner connection 2-pole IP20 | 10 mm





114871

Clip connector with cable universal 2-pole | IP20 | 10 mm

max. 5A



114868

Clip connector universal 2-pole IP20 | 10 mm

max. 5A



114376

Clip connector with Cable 2-pole IP20 | 10 mm

Pitch spacing >7 mm



114870

Clip corner connector universal 2-pole IP20 | 10 mm

max. 5A



114374

Clip cable connection | 2-pole IP20 | 10 mm

Pitch distance >7 mm | max. 5A



114869

Clip cable connection universal 2-pole IP20 | 10 mm

max. 5A



Width 10 mm | IP20



113106

Clip connector 2-pole IP20 | 10 mm

Pitch spacing >8 mm



111627

Clip cable connection 2-pole IP20 | 10 mm

Pitch spacing >12 mm



111968

Clip T connector 2-pole IP20 | 10 mm

Pitch spacing >12 mm



Clip connector with Cable 2-pole IP20 | 10 mm

Pitch spacing >12 mm



111621

Clip connector 2-pole IP20 | 10 mm

Pitch spacing >12 mm



114375

Clip connector 2-pole IP20 | 10 mm

Pitch spacing >7 mm



113109

Clip cable connection 2-pole IP20 | 10 mm

Pitch spacing >8 mm



111964

Clip corner connector 2-pole IP20 | 10 mm

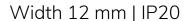
Pitch spacing >12 mm



112474

Clip corner connector 2-pole IP20 | 10 mm

Pitch spacing >12 mm





111965

Clip corner connector 2-pole IP20 | 12 mm

Pitch spacing >12 mm



111962

Clip connector with Cable 2-pole IP20 | 12 mm

Pitch spacing >12 mm



111961

Clip cable connection 2-pole IP20 | 12 mm

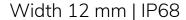
Pitch spacing >12 mm



111960

Clip connector 2-pole IP20 | 12 mm

Pitch spacing >12 mm





114371

Clip cable connection 2-pole IP68 | 12 mm

Pitch spacing >8 mm



114369

Clip connector 2-pole IP68 | 12 mm

Pitch spacing >8 mm



114370

Clip connector with Cable 2-pole IP68 | 12 mm

Pitch spacing >8 mm

NEW 115501

Clip cable connection 200cm | 2-pole IP68 | 12 mm

Pitch spacing >8 mm



ACCESSORIES



113115
Flex stripe cable, linear connector SLIM, 2-pole



113117 LED flex stripe cable-quick-clamp terminal T 2-pole



111971
2 way round plug distributor (max.

5A), 1x IN, 2x OUT, white



113116 LED flex stripe cable-quick-clamp terminal-Linear 2-pole



111398 black | 111401 White Connection cable with Round plug male L: 1,5 m



111634 black | 111633 White LED rotary controller 2A, max. 48 Watt , round plug connector



111630 Round plug adapter male 2-pole to terminal



111399 black | 111402 white Connection cable with plug female L: 1,5 m



111631 Round plug adapter MALE 2-pole to terminal



111398 black | 111401 White Connection cable with Round plug male L: 1,5 m



ACCESSORIES 3-POLE

Width 10 mm | IP20



NEW 115762 Clip cable connector universal | 3-pole IP20 | 10 mm max. 5A



NEW 115763 Clip corner connector | 3-pole IP20 | 10 mm max. 5A



NEW 115761 Clip connector universal | 3-pole IP20 | 10 mm max. 5A



113107 Clip connector 3-pole IP20 | 10 mm Pitch spacing >8 mm



112562 Clip corner connector 3-pole IP20 | 10 mm Pitch spacing >12 mm



112563 Clip cable connection 3-pole IP20 | 10 mm Pitch spacing >12 mm



112564 Clip connector 3-pole IP20 | 10 mm Pitch spacing >12 mm



113110 Clip cable connection 3-pole IP20 | 10 mm Pitch spacing >8 mm

ACCESSORIES 4-POLE

Width 10 mm | IP20



113111 Clip cable connection 4-pole IP20 | 10 mm Pitch spacing >8 mm



113108 Clip connector 4-pole IP20 | 10 mm Pitch spacing >8 mm



Clip corner connector 4-pole IP20 | 10 mm Pitch spacing >12 mm

111966



111628
Clip cable connection 4-pole
IP20 | 10 mm
Pitch spacing >12 mm



111970 Clip T connector 4-pole IP20 | 10 mm Pitch spacing >12 mm



111622 Clip connector 4-pole IP20 | 10 mm Pitch spacing >12 mm



111625 Clip connector 4-pole IP20 | 10 mm Pitch spacing >12 mm



Width 12 mm | IP68



114373

Clip cable connection 4-pole IP68 | 12 mm

Pitch spacing >8 mm



114547

Clip connector 4-pole IP68 | 12 mm

Pitch spacing >8 mm



114372

Clip connector with cable 4-pole IP68 | 12 mm

Pitch spacing >8 mm



NEW 115502

Clip cable connector 200cm 4-pole IP68 | 12 mm

Pitch spacing >8 mm

ACCESSORIES 5-POLE

Width 12 mm | IP20



114698

Clip cable connection 5-pole IP20 | 12mm

Pitch spacing >12 mm



14700

Clip connector with cable 5-pole IP20 | 12 mm

Pitch spacing >12 mm



114699

Clip connector 5-pole IP20 | 12 mm

Pitch spacing >12 mm



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 163 Signal converters

PAGE 167 DALI controls and controllers

PAGE 177 LED dimmer



PAGE 181 LED controller







PAGE 185 SYS-PRO series



PAGE 195 SYS-ONE series

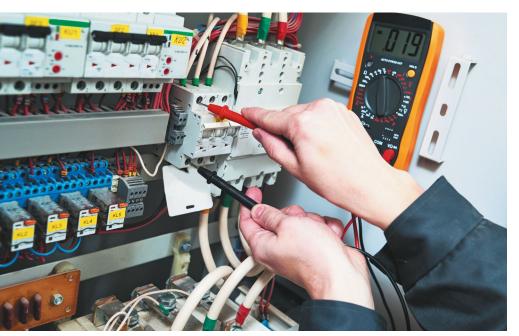


PAGE 201 ZIGBEE controllers



PAGE 203 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 soft ware) 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 soft ware.



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 inputare 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 ambience 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 pushbutt on 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





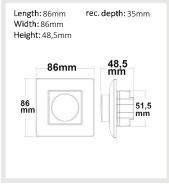
114546 | Sys-Pro 1 zone built-in rotary knob radio dimmer with 0/1-10V output, 350W switching relay, 85-265V



85-265V AC nominal power

IP20 protection class ambient temp.

-30° - 55°



114463 | 0/1-10V Input PWM controller, 1 channel, 5-36V DC 8A, 48V DC 4A

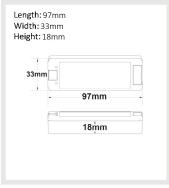


5YEAR GUARANTEE

nominal power 5-48V DC protection class ambient temp.

-30° - 55°





114464 | Sys-Pro 1xpush/4x1-10V input PWM dimmer, 4 channel, 12-36V DC 4x5A

nominal power

12-36V DC

protection class ambient temp.

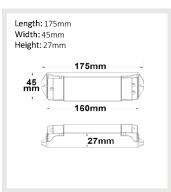
IP20 -30° - 55°



ISO**LED** 5YEAR GUARANTEE



ISOLED



115063 | ZIGBEE to DALI DT6/DT8 or 0/1-10V signal converter + 5A switching relay, 110-240V AC

nominal power

100-240V AC

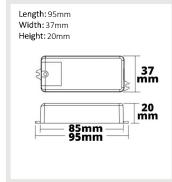
protection class ambient temp.

IP20 -20° - 50°



ISOLED







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ISOLED

114431 | Phase angle (40-230V)/Push input signal to PWM controller, 1 channel, 12-48V DC 15A

nominal power

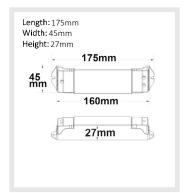
12-48V DC

protection class ambient temp.

IP20 -30° - 55°



ISOLED



113551 | DALI to 0-10V/1-10V signal converter



5 YEAR GUARANTEE

protection class IP20 ambient temp. -20° - 50°





112623 | DMX512 RDM 8/16 bit decoder, 1-5 channel, 12-36V 5x5A, 48V 5x1.5A

nominal power

12-48V DC

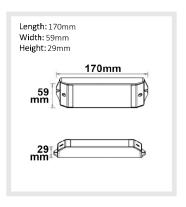
protection class ambient temp.

IP20 -20° - 40°



ISOLED





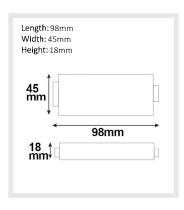
111632 | Mini RGB (PWM) amplifier, 3 channel, 12-24V DC, 3x4A



nominal power 12-24V DC

protection class ambient temp.

IP20 -20° - 40°

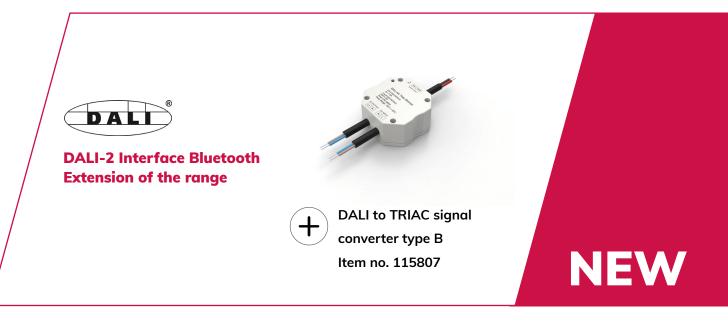






LED CONTROLLER DALI controller







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 Motion Detector (StandAlone Application Controller)



NEW

DALI RealTime Clock with Astro function



NEW

DALI HCL daily scene controller for biodynamic light control



NEW

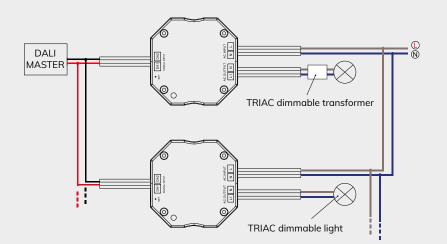
DALI dimmer for dimmable 230V luminaires and transformers



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 addressfactory 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













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

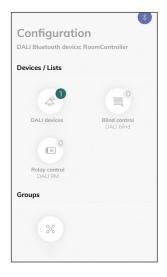
INTERFACE BETWEEN BLUETOOTH 5.0 AND DALI

Up to 64 DALI operating devices and 16 groups can be individually addressed in a DALI bus line

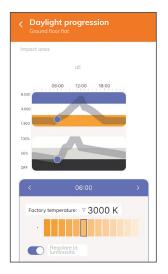
DALI bus voltage: 12V-22.5V (typical 16V) DALI system

current: <250mA

LENGTH OF THE CONTROL LINE UP TO 300 METER (AT 1.5 MM2 CONDUCTOR CROSS-SECTION)



Configuration of new components



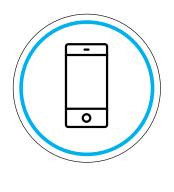
HCL Daily scene



Select the type of operating element/control function



Test surface





Setting the components





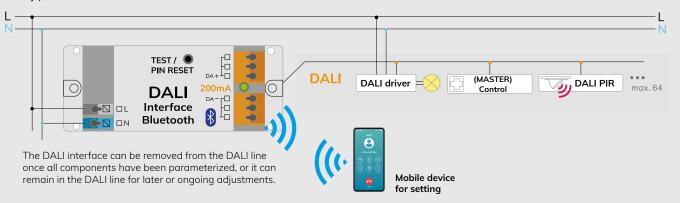






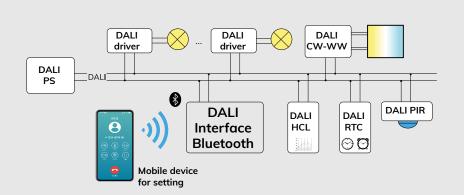
EXAMPLES OF USE

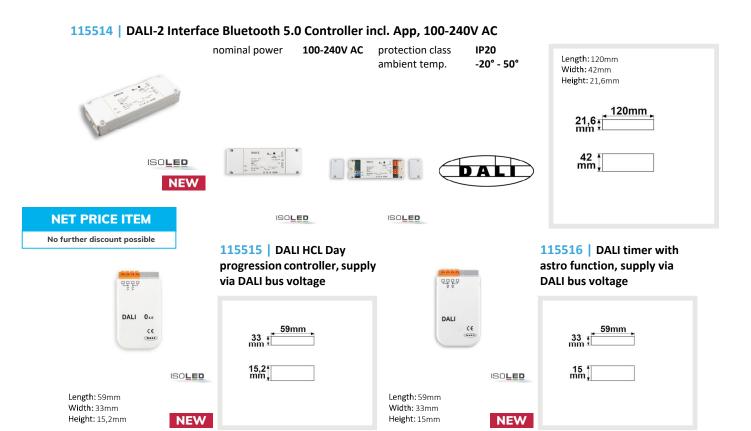
Typical use of the DALI interface



EXAMPLES OF USE

Fully automatic, presence and day scene controlled lighting control





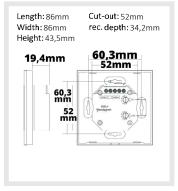


115060 | DALI 4 addresses built-in touch master dimmer, black, supply via DALI bus voltage



protection class IP20 ambient temp. -20° - 50°





115062 | DALI 1 group built-in rotary master dimmer, white, 100-240V AC / DALI bus voltage

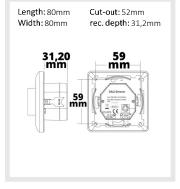


nominal power 100-240V

100-240V AC protection class ambient temp.

IP20 -20° - 50°





115061 | DALI 4 groups / 4 scenes built-in touch master dimmer, white, 100-240V AC / DALI bus voltage

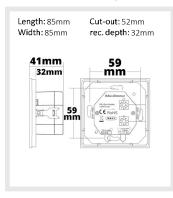


nominal power

100-240V AC

protection class ambient temp.

IP20 -20° - 50°



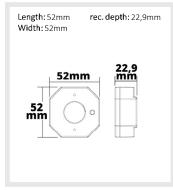


115065 | DALI master control for 4 addresses, control via 4 push (close) button inputs



protection class IP20 ambient temp. -20° - 50°







115058 | DALI DT8 CCT 1 group built-in rotary master controller, white, 100-240V AC or DALI bus voltage

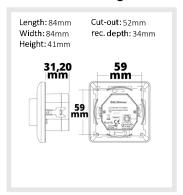


100-240V AC nominal power

protection class ambient temp.

IP20 -20° - 50°





115057 | DALI DT8 CCT 1 group built-in touch master controller, white, 100-240V AC or DALI bus voltage



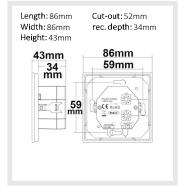
nominal power

100-240V AC protection class ambient temp.

IP20

-20° - 50°





115059 | DALI DT8 RGB+W 1 group built-in touch master controller, black, 100-240V AC or DALI bus voltage



nominal power

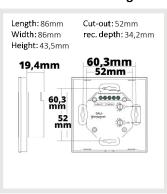
100-240V AC

protection class ambient temp.

IP20 -20° - 50°



-20° - 50°



115517 | DALI-2 bus voltage supply 128mA, 100-240V AC

nominal power 110-240V AC protection class IP20 ambient temp.













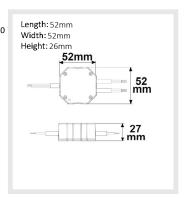
Length: 120mm Width: 30mm Height: 22mm 120mm 30 mm



115807 | DALI to TRIAC signal converter type B

ISOLED





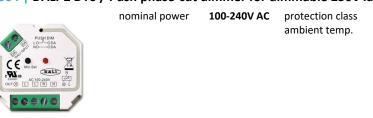
115064 | DALI-2 DT6 / Push phase-cut dimmer for dimmable 230V lamps/transformers, 400VA

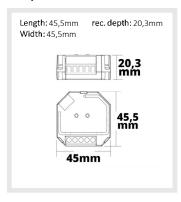
ISOLED

IP20

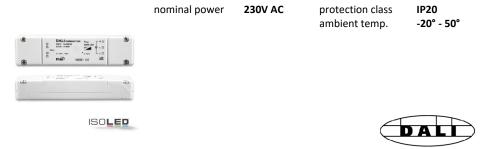
DALI

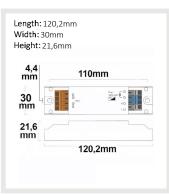
-20° - 50°





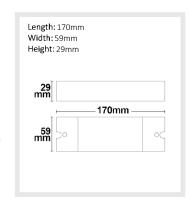
113091 | DALI universal dimmer for dimmable 230V LED lamps/transformers, 10-300VA







ISOLED



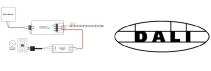


113203 | DALI PWM controller 12-36V, 1 channel, 12-36V 8A, 48V 4A



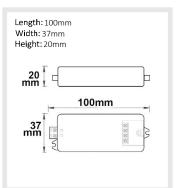






ISOLED



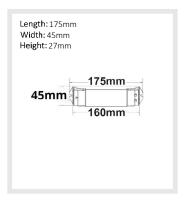


114465 | DALI DT6 PWM controller, 4 channel, 12-24V DC 4x5A

12-24V DC nominal power protection class IP20 -30° - 55° ambient temp.





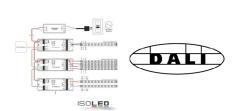


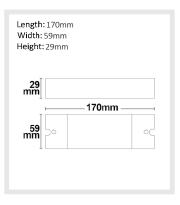
113202 | DALI DT6 PWM controller, 1 or 4 channel, 12-36V 4x8A, 48V 4x4A

12-48V DC IP20 nominal power protection class -20° - 50° ambient temp.









114873 | DALI DT8 universal Push-Dim PWM controller, 4 channel, 12-36V 4x5A, 48V 4x3A

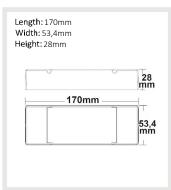
nominal power 12-48V DC protection class IP20 ambient temp. -20° - 50°



ISOLED

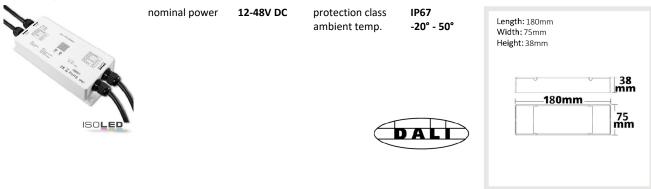


ISOLED





115066 | DALI DT8 1 address RGB+W PWM dimmer IP67, 4 channel, 12-36V 4x5A, 48V 4x3A



115513 | DALI-2 Master PIR surface mount motion sensor, black, detection range 12m, power supply via DALI



115512 | DALI-2 Master PIR built-in presence sensor, white, detection range 3m, supply via DALI bus voltage



115518 | Surface mount housing for Art. 115512 DALI-2 Master PIR presence sensor

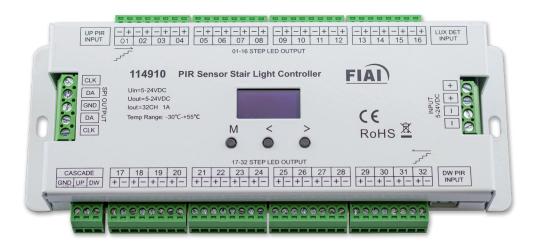


NET PRICE ITEM

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



5YEAR GUARANTEE

ISOLED

100-240V AC nominal power

protection class ambient temp.

IP20 -30° - 55°





114936 | Universal push mini dimmer for dimmable 230V luminaires/transformers, 250VA

nominal power

220-240V AC

protection class ambient temp.

IP20 -20° - 40°





112449 | Universal Push dimmer for dimmable 230V lamps/transformers, 300VA

nominal power

230V AC

protection class ambient temp.

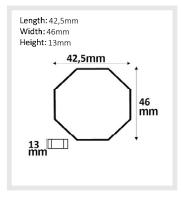
IP20 -20° - 50°



NET PRICE ITEM

No further discount possible





111881 | Universal-Push-Dimming actuator Eltako for dimmable 230V light / transformers, 400VA

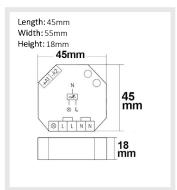


nominal power 230V AC protection class ambient temp.

IP20 -20° - 50°

NET PRICE ITEM

No further discount possible





115484 | LED wireless 4 zones PWM dimmer, 1-4 channel, 12-24V DC, 4x5A

nominal power

12-24V DC

protection class

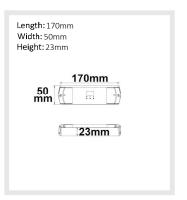
IP20

ambient temp. -30° - 55°



ISOLED

5YEAR NEW



115485 | 4 zones remote control with 3 scene memories for 4 zones PWM dimmer No. 115484

nominal power

3V DC

protection class ambient temp.

IP20 -30° - 55°

Length: 155mm Width: 43mm Height: 17,5mm 43mm 17,5mm 155 mm



5YEAR NEW

112451 | Universal-Push-Controller actuator for LED spots / stripes, 12-24V 8A, 36-48V 6A



nominal power 12-48V DC protection class ambient temp.

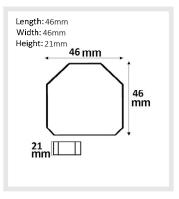
IP20

-20° - 50°

NET PRICE ITEM

No further discount possible





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 ambient temp.

IP20 -30° - 55°

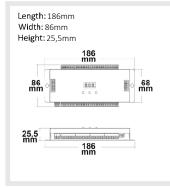














112323 | Wireless touch LED controller, 1 channel, 12-24V DC 9A

CONTROL TO THE PART OF THE PAR

nominal power 12-24V DC

protection class ambient temp.

IP20 -20° - 40°



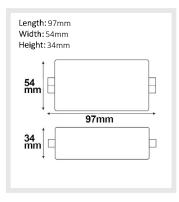
113309 | LED strip radio PWM controller, 1 channel, 12-24V DC 8A, follow-up control



nominal power 12-24V DC

protection class IP2 ambient temp. -20

IP20 -20° - 50°

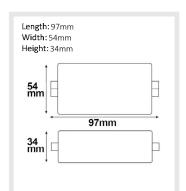


111091 | LED Radio PWM controller, 1 channel, 12-24V DC 8A

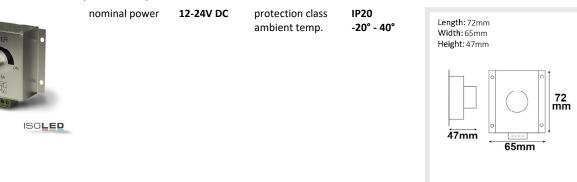


nominal power 12-24V DC

protection class IP20 ambient temp. -20° - 40°

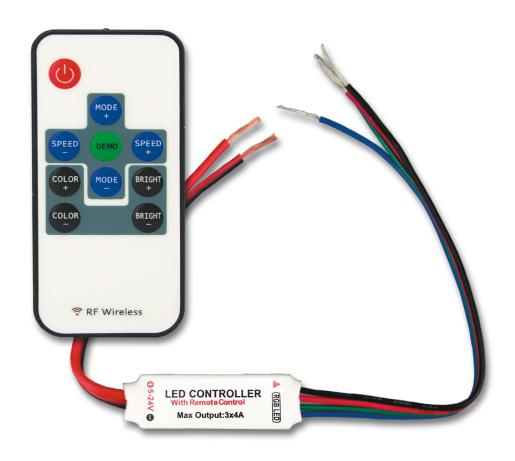


111094 | LED controller, 1 channel, 12-24V DC 8A





LED CONTROLLER LED controller

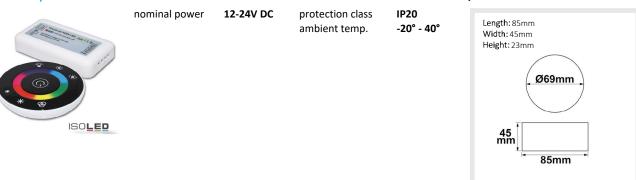




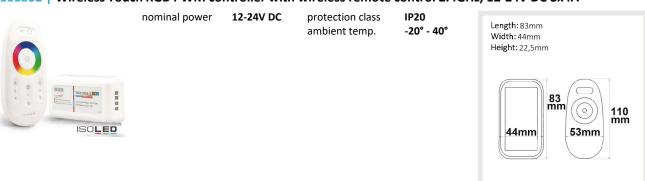
114056 | RGB+W PWM controller with local and remote control, 2 scene memory, 4 channel, 12-36V, 4x5A



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







LED CONTROLLER Mini controllers

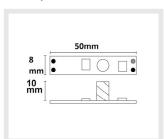






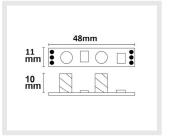
Length: 50mm Width: 8mm Height: 10mm

113723 | LED Mini PWM controller for installation under profile cover, 1



Length: 48mm
Width: 11mm
Height: 10mm

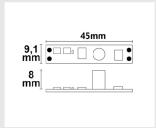
113724 | LED mini PWM controller white dynamic for installation under profile





Length: 45mm Width: 9,1mm Height: 8mm

113725 | LED Mini PWM controller with wipe sensor for profiles, 1 channel, 12-24V

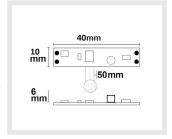


Length: 40mm Width: 10mm Height: 6mm

ISOLED

ISOLED

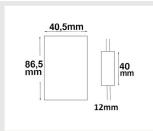
113726 | LED Mini-Switch PIR motion sensor with StandBy-Level, 12-24V DC 5A





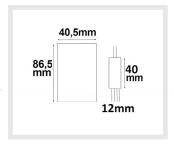
Length: 40mm Width: 12mm Height: 5mm

113306 | LED Strip mini radio PWM controller, 1 channel, 12-24V DC 3A



m Length: 40mm Width: 12mm Height: 5mm

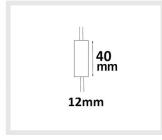
113307 | LED Strip Mini RGB radio controller, 3 channel, 12-24V DC 3x2A





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 AVALIABLE AS POSTER ITEM NO. 100039

COMPREHENSIVE CONTROLLER + TRIAC / PWM-DIMMERSYSTEM







FVFRY RECFIVER = REPEATER (MESH!)



FREE ISOLED® SMART-PHONE APP



SINGLE COLOR / RGB / RGB + WITH MEMORY + SCENE W/RGB+CCT



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

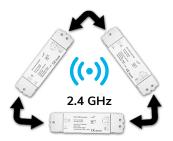
- » In the event of errors in connection with battery-operated remote controls, please check the charge status of the button cell and replace it in good time.
- » A functioning mesh network, i.e. the transmission of the incoming radio control signal from one receiver to the next can in principle only be guaranteed between one and the same receivers.

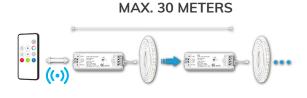
All SYS-PRO PWM dimmers operate at a flicker-free frequency of 500Hz. If the upstream transformer begins to "hum" when dimming (the reason for this is the coils and chokes installed in the transformer), we recommend the selection of a multi -PWM dimmer (art.nos. 114433, 114434) where the operating frequency 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

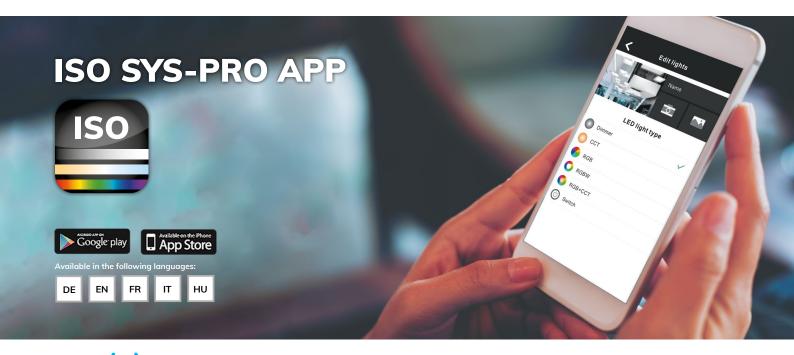
Wifi networks are not disturbed, since only extremely short radio pulses are transmitted.

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).







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





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 RADIC

114437

Sys-Pro Single Color 1 Zone Remote Control Slide



BATTERY

OUT RADIO

114432

Sys-Pro single color 1 zone remote control mini



BATTERY

OUT RADIC

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

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 RADIC

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 RADIC

OUT PWM

113567

Sys-Pro radio PWM mesh dimmer, 1-4 channel, 12-24V DC 4x3A, 36-48V DC 3A



12-36 V

IN_RADIC

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 chanel, 12-24V DC 4x8A, 36-48V DC 4x5A



12-24 V

IN PUSH RADIO

OUT PWM

11443!

Sys-Pro push/radio Mesh Multi-PWM dimmer, 1 Channel, 12-24V DC 6A, 36-48V DC 3A



5-36 V

N PUSH RADIO

OUT PWM

113566

Sys-Pro push/radio Mesh PWM dimmer, 1 channel, 5-36V DC 8A



12-24 V

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

114436

Sys-Pro radio Mesh PWM dimmer mini, 1 channel, 12-24V DC 3A





Dynamic white





BATTERY

OUT RADIC

113570

Sys-Pro dynamic white 4 zones remote control with 4 scene memories



BATTERY

114446

Sys-Pro dynamic white 4 zones remote control with 3 scene memories



BATTERY

OUT RADIC

114447

Sys-Pro dynamic white 1 zone remote control Slide



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,



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

11445

Sys-Pro push/radio Mesh PWM dimmer, 1-4 channel, 12-24V DC 4x3A



12-24 V

N RADIC

OUT PWM

113567

Sys-Pro radio Mesh PWM dimmer, 1-4 channel, 12-24V



2-36 V

RADIC

OUT PWM

114459

Sys-Pro radio Mesh PWM dimmer IP67, 1-4 channel, 12-36V DC 4x5A



12-24 V

OUT PWM

11445

Sys-Pro radio Mesh PWM controller, 1-4 chanel, 12-24V DC 4x8A, 36-48V DC 4x5A



12-24 V

IN RADIO

114445

Sys-Pro dynamic white radio Mesh PWM controller mini, 2 channel, 12-24V DC 2x1.5A





RGB



BATTERY **OUT RADIO**

114545

Sys-Pro RGB 1 zone remote control Slide



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

113567

Sys-Pro radio Mesh PWM dimmer, 1-4 channel, 12-24V DC 4x3A



12-36 V

IN RADIO

114459

Sys-Pro radio Mesh PWM dimmer IP67, 1-4 channel, 12-36V DC 4x5A



12-24 V

RADIO OUT PWM

114455

Sys-Pro radio Mesh PWM controller, 1-4 chanel, 12-24V DC 4x8A, 36-48V DC 4x5A



12-24 V RADIO

OUT PWM

114451

Sys-Pro RGB radio Mesh PWM dimmer mini, 3 channel, 12-24V DC 3x1A



RGB + White







113568

Sys-Pro RGB+W 4 zones remote control with 2 scene memory



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

RADIO

OUT PWM

113567

Sys-Pro radio Mesh PWM dimmer, 1-4 channel, 12-24V DC 4x3A



12-36 V

IN RADIO

OUI PWM

114459

Sys-Pro radio Mesh PWM dimmer IP67, 1-4 channel, 12-36V DC 4x5A



12-24 V

RADIO

OUT PWM

114455

Sys-Pro radio Mesh PWM controller, 1-4 chanel, 12-24V DC 4x8A, 36-48V DC 4x5A



12-24 V

RADIO
OUT PWM

114456

Sys-Pro RGB+W radio Mesh PWM dimmer mini, 4 Channel, 12-24V DC 4x1A





RGB+Dynamic white





114452

Sys-Pro RGB+ dynamic white 4 zones remote control with 2 scene memories





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-Motion detector





114665

Sys-Pro wireless RF motion detector MiniAMP, 9-24V







Sys-Pro Radio RF Motion Detector MiniAMP with inverted function for UV-C, 9-24V



Inverted function

SIGNAL REPEATER





114892

Sys-Pro Mesh signal repeater, max. 30m, 12-24V DC / 100-240V AC







230 V Dimmer

Triac



230 V
IN RADIO
OUT TRIAC

114430

Sys-Pro 1 zone recessed controller radio dimmer 230V, 360VA, phase control/ section selectable



M - Strate - Fund of State Description | State S

230 V
IN RADIO
OUT TRIAC

114429

Sys-Pro 1 zone touch wireless dimmer 230VA, 360VA, phase on/phase off selectable



230 V N RAD

114428

Sys-Pro 1 zone touch radio dimmer 230V white, 360VA, phase on/ phase off selectable



230 V

RADIO PUSH

OUT TRIAC

114425

Sys-Pro universal Push/Radio mesh dimmer 230V, 360VA, trailing/leading edge cut-off selectable



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

RADIO PUSH
SWITCH

444400

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



12-36 V

IN RADIO

OUT 0-10 V SWITCH

114546

Sys-Pro 1 zone recessed controller radio dimmer with 0-10V output, 350W switching relay, 85-265V



230 V

IN RADIO

114462

Sys-Pro 1 zone built-in Touch-Radio operation 1x0-10V output, black, 85-265V



230 V

IN RADIO
OUT 0-10 V

11446

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



N 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

N PUSH RADIO

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





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



IN RADIO OUT PWM 112477

12-48 V

Sys-One radio PWM controller, 4 channel, 12-36V 4x5A, 48V 4x2.5A



OUT PWM

112487

Sys-One wireless PWM controller IP66, 4 channel, 12-36V 4x5A, 48V 4x2A



12-48 V

Sys-One DIN rail radio PWM controller. 4 channel, 12-36V 4x5A, 48V 4x2.5A



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







Dynamic white





OUT RADIO

112496

Sys-One dynamic white 4 zone Remote control multi-function



BATTERY
OUT RADIO

112497

Sys-One dynamic white 1 Zone Recessed controller + battery



BATTERY OUT RADIO

112498

Sys-One dynamic white 1 Zone table controller + battery





112477

Sys-One radio PWM controller, 4 channel, 12-36V 4x5A, 48V 4x2.5A



112487

12-48 V

IN RADIO

Sys-One wireless PWM controller IP66, 4 channel, 12-36V 4x5A, 48V 4x2A



12-48 V

RADIO

112482

Sys-One DIN rail radio PWM controller, 4 channel, 12-36V 4x5A, 48V 4x2.5A



RGB





112499

Sys-One RGB 1 Zone Remote Control Multifunction



BATTERY

OUT RADIC

112502

Sys-One RGB 1 Zone Surface Mount Push Button Remote Control with Battery



BATTERY

OUT RADIO

112503

Sys-One RGB 1 zone recessed controller remote control frameless with battery



BATTERY OUT RADIO

112501

Sys-One RGB 1 zone recessed controller remote control with battery



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



112487

Sys-One wireless PWM controller IP66, 4 channel, 12-36V 4x5A, 48V 4x2A



12-48 V
IN RADIO

112482

Sys-One DIN rail radio PWM controller, 4 channel, 12-36V 4x5A, 48V 4x2.5A



RGB + White





BATTERY OUT RADIO

112500

Sys-One RGB+W 4 Zone Remote Control Multifunction



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



112487

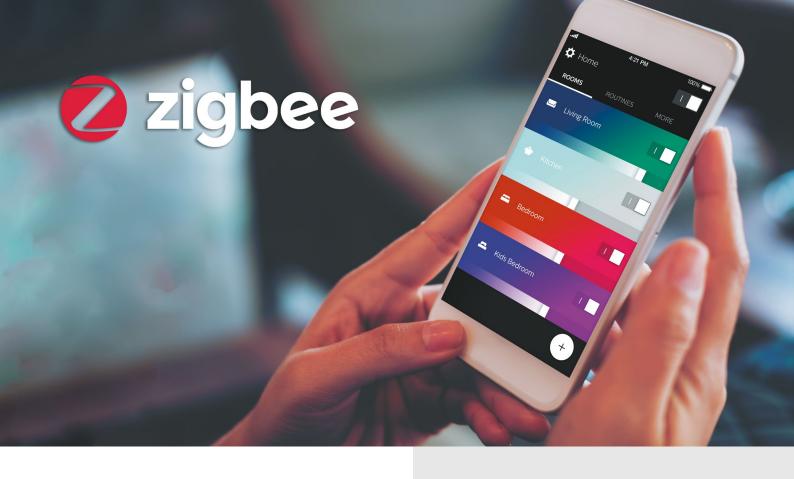
Sys-One wireless PWM controller IP66, 4 channel, 12-36V 4x5A, 48V 4x2A



12-48 V 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!

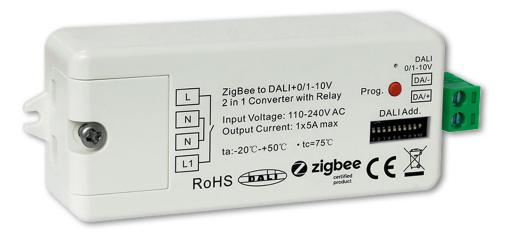
Intelligent lighting control without a system bus

- » 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 ambient temp.

-20° - 50°





85mm 95mm

20 mm



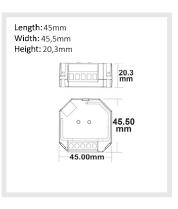


nominal power

100-240V AC

protection class ambient temp.

IP20 -20° - 50°





ISOLED

114729 | ZigBee 3.0 PWM controller for LED flex ribbons/spots, 5 channel, 12-24V DC 5x4A

nominal power

12-24V DC

protection class ambient temp.

IP20 -20° - 50°

Length: 145mm Width: 46,5mm Height: 16mm 16 46.5 145mm

ISOLED



LED CONTROLLER LED sensors





112585 | Wipe-Switch with sensor head silver, wipe distance 6cm, 230V, 500VA

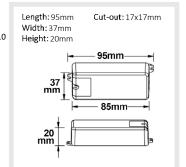
nominal power

100-240V AC

protection class ambient temp.

service life

IP20 -20° - 50° **30000 h** L70 | B10





ISOLED



112587 | PIR motion sensor with sensor head, detection max. 3m, 230V, 500VA

nominal power

100-240V AC

protection class ambient temp.

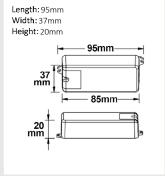
service life

IP20 -20° - 50° **30000 h** L70 | B10





ISOLED



28,5mm

75 mm

П



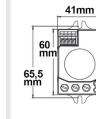
113252 | HF-motion sensor with LUX-Sensor, 230V, 300VA

nominal power

230V AC

protection class ambient temp. service life

IP20 -20° - 40° **25000 h** L70 | B10



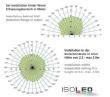
Length: 65,5mm

Height: 28,5mm

Width: 41mm



ISOLED



112619 | Daylight sensor passive for parallel connection into active 1-10V control signal wires

nominal power

1-10V DC

protection class ambient temp.

IP20 -20° - 45°





ISOLED



LED CONTROLLER

Twilight / Motion detector Outdoor







115798 | Twilight switch 230V, max. 10A, 5-50Lux, IP44, for remote mounting with PG gland



nominal power 220-240V AC

protection class ambient temp.

IP44 -20° - 50°



115799 | Twilight switch 230V, max. 10A, 3-500Lux, IP54, surface mounting

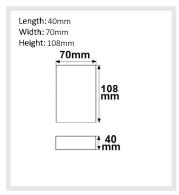


nominal power

220-240V AC protection class ambient temp.

-20° - 50°





115800 | PIR motion detector white, 230V, max. 4A, 180° max. 10m detection radius, IP44, surface mounting



NEW

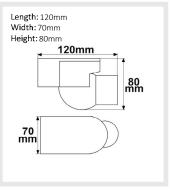
nominal power

220-240V AC nominal power

protection class ambient temp.

IP44 -20° - 50°





115801 | PIR motion detector black, 230V, max. 4A, 180° max. 10m detection radius, IP44, surface mounting



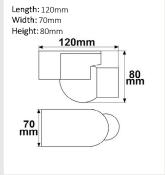
NEW

220-240V AC

protection class ambient temp.

-20° - 50°









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 211Constant current transformers



PAGE 215Transformer 12V IP20



PAGE 223Transformer 24V IP20



PAGE 233Transformer 12V IP65/IP67



PAGE 237Transformer 24V IP65/IP67



PAGE 245Transformer 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

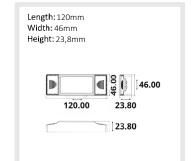
198-264V AC



ISO**LED**

5YEAR GUARANTE

(Q)



114694 | LED constant current transformer 700/800/900/950/ 1050/1200mA, 40W, Push/0-10V/DALI

nominal power

nominal power

198-264V AC

protection class ambient temp.

protection class

ambient temp.

IP20 -20° - 45°

IP20

-20° - 45°



ISOLED

5YEAR GUARANTEE







SELV



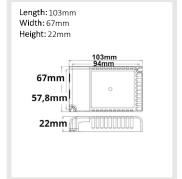
114874 | LED constant current transformer 300-900mA (9-58V), 30W, Push/0-10V/DALI dimmable, SELV

nominal power

198-264V AC

protection class ambient temp.

IP20 -20° - 45°





ISOLED

5YEAR GUARANTEE













114189 | LED constant current transformer MW LCM-40KN 350/500/600/700/900/1050mA, KNX dimmable,

nominal power

180-295V AC

protection class ambient temp.

IP20 -30° - 60°



ISOLED

5 YEAR





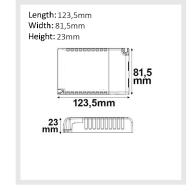














111989 | LED MULTI Transformer 12V/24V/350mA/500mA/700mA, Push + 1-10V dimmable, SELV



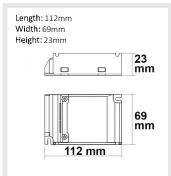
220-240V AC nominal power

protection class ambient temp.

IP20 -20° - 50°



ISOLED



21,5mm

27mm

Length: 37mm Width: 27mm

Height: 21,5mm

-37mm











112158 | LED constant current transformer 350mA, 1-4W, SELV

nominal power

200-264V AC protection class ambient temp.

IP20 -20° - 50°















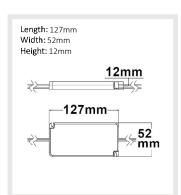


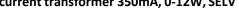
nominal power

200-264V AC

protection class ambient temp.

IP20 -20° - 50°





























LED TRANSFORMERS

Transformer 12V IP20







111213 | LED transformer 12V/AC, 0-70VA, dimmable, SELV



nominal power

230V AC

protection class ambient temp.

IP20 -20° - 50°















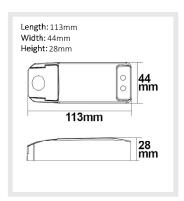
112669 | LED transformer 12V/AC, 0-105VA, dimmable, SELV



nominal power 230V AC

protection class ambient temp.

IP20 -20° - 50°















111736 | LED transformer 12V/DC, 0-8W, round design, SELV

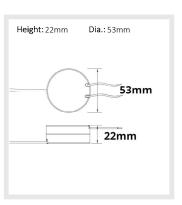


nominal power

220-240V AC

protection class ambient temp.

IP20 -20° - 50°

















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|B10









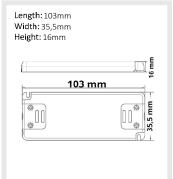




113049 | LED transformer 12V/DC, 0-15W, ultra flat, SELV



nominal power 180-264V AC IP20 protection class ambient temp. -20° - 40°





115622 | LED transformer 12V/DC, 20W, Ultraslim

220-240V AC nominal power protection class IP20 -20° - 40°C active power 20 W ambient temp.

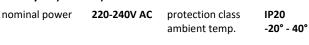




NEW











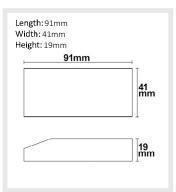


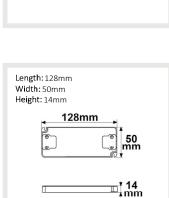
113918 | LED transformer 12V/DC, 0-30W, compact, SELV

100-240V AC nominal power protection class IP20 ambient temp. -20° - 40°



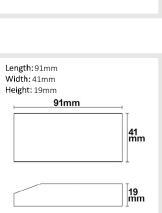






Length: 113mm

Width: 44mm Height: 28mm



113mm

44 mm

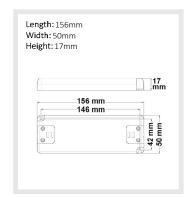
28 mm



112016 | LED transformer 12V/DC, 0-30W, ultra flat, SELV



nominal power 180-264V AC protection class IP20 ambient temp. -20° - 40°

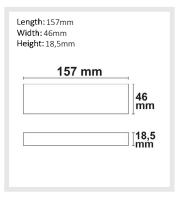




113926 | LED Flexband transformer 12V/DC, 0-30W, dimmable (voltage sink), SELV

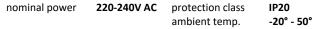


nominal power 220-240V AC protection class IP20 ambient temp. -20° - 45°





113286 | LED transformer 12V/DC, 0-30W, slim, SELV





ISOLED

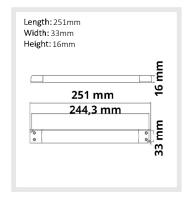


Length: 251mm Width: 30mm Height: 17,2mm 251 mm 244,3 mm 0 0 0 30 mm

112018 | LED transformer 12V/DC, 0-30W, ultraslim, SELV







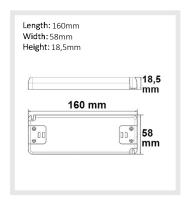


112020 | LED transformer 12V/DC, 0-50W, ultra flat, SELV



180-264V AC nominal power protection class

IP20 ambient temp. -20° - 40°



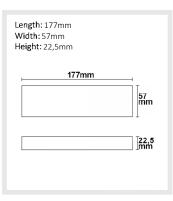


nominal power

113928 | LED Flexband transformer 12V/DC, 0-50W, dimmable (voltage sink), SELV



220-240V AC protection class -20° - 45° ambient temp.





113341 | LED transformer 12V/DC, 0-60W, slim, SELV

220-240V AC nominal power protection class **IP20** -20° - 50° ambient temp.



ISOLED

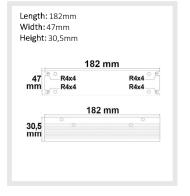


Length: 305mm Width: 30mm Height: 17mm 305 mm 30 mm

113139 | LED transformer 12V/DC, 0-60W, Mesh Slim

220-240V AC nominal power protection class IP20 ambient temp. 0° - 50°





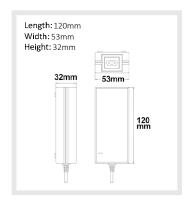


111065 | Transformer 12V/DC, 0-60W, with round plug and flat plug



nominal power 100-240V AC protection class ambient temp.

IP20 -20° - 40°







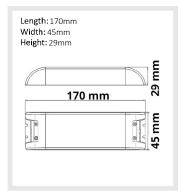




112022 | LED transformer 12V/DC, 0-70W, SELV



180-264V AC nominal power protection class IP20 -20° - 40° ambient temp.

















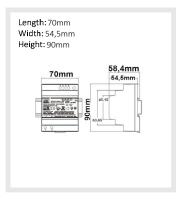
114351 | LED Top Hat Rail-transformer MW HDR-100-12, 12~13.8V DC, 0-100W

nominal power

85-264V AC

protection class ambient temp.

IP20 -30° - 45°





ISOLED











113053 | LED transformer 12V/DC, 0-100W, SELV



180-264V AC protection class nominal power IP20 ambient temp. -20° - 50°

















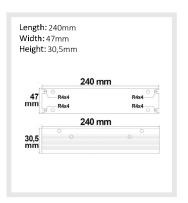


113142 | LED transformer 12V/DC, 0-200W, Mesh Slim













LED TRANSFORMERS

Transformer 24V IP20





NEW

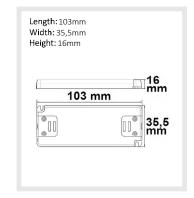


113050 | LED transformer 24V/DC, 0-15W, ultra flat, SELV



nominal power 180-264V AC protection class IP20 ambient temp.

-20° - 40°





115623 | LED transformer 24V/DC, 20W, Ultraslim

nominal power 220-240V AC IP20 protection class active power 20 W ambient temp. -20° - 40°C







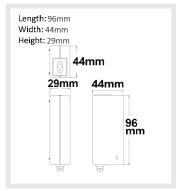


Length: 128mm Width: 50mm Height: 14mm 128mm

111066 | Transformer 24V/DC, 0-24W, with round plug and flat plug



nominal power 100-240V AC protection class IP20 -20° - 40° ambient temp.



115625 | LED transformer 24V/DC, 0-30W, ultra slim, SELV

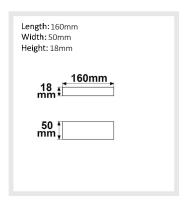
nominal power 180-264V AC protection class **IP20** -20° - 40° ambient temp.



ISO**LED**

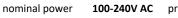
NEW







113919 | LED transformer 24V/DC, 0-30W, compact, SELV



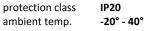
SOLED (10 ha m)

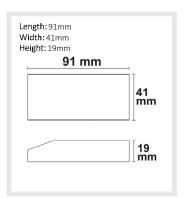
- skelet 1999 (1991)

- profit 1999 (1991)

- organization (1999)

- organ



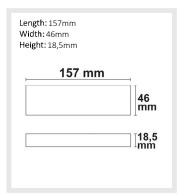




113927 | LED transformer 24V/DC, 0-30W, dimmable (voltage sink), SELV

nominal power 220-240V AC protection class IP20 ambient temp. -20° - 45°



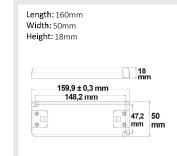




112017 | LED transformer 24V/DC, 0-30W, ultra flat, SELV

nominal power 180-264V AC protection class IP20 ambient temp. -20° - 40°

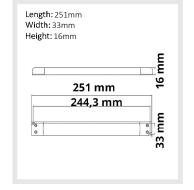






112019 | LED transformer 24V/DC, 0-30W, ultraslim, SELV









113285 | LED transformer 24V/DC, 0-30W, slim, SELV

nominal power 220-240V AC protection class IP20 ambient temp. -20° - 50°



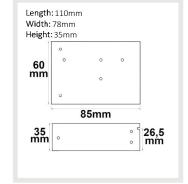
ISOLED



111182 | LED transformer 24V/DC, 0-35W, Mesh

nominal power 220-240V AC protection class IP20 ambient temp. 0° - 50°







113929 | LED transformer 24V/DC, 0-50W, dimmable (voltage sink), SELV

nominal power 220-240V AC protection class IP20 ambient temp. -20° - 45°

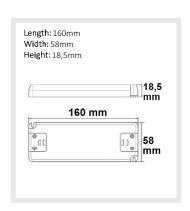


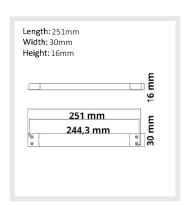


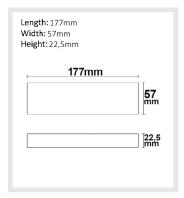
112021 | LED transformer 24V/DC, 0-50W, ultra flat, SELV













113340 | LED transformer 24V/DC, 0-60W, slim, SELV

nominal power 220-240V AC protection class IP20 ambient temp. -20° - 50°



ISOLED











nominal power 220-240V AC protection class IP20 ambient temp. 0° - 50°





111067 | Transformer 24V/DC, 0-60W, with round plug and flat plug

nominal power 100-240V AC protection class IP20 ambient temp. -20° - 40°

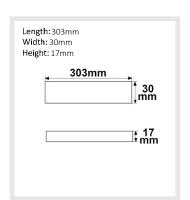


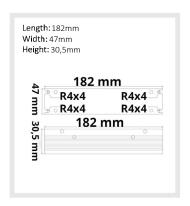


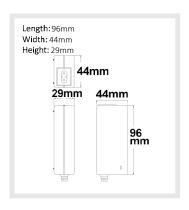
112023 | LED transformer 24V/DC, 0-75W, SELV

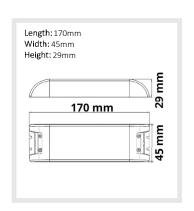














115525 | LED PWM transformer 24V/DC, 0-75W, IP20, Push/DALI dimmable

nominal power 220-240V AC protection class IP20 ambient temp. -20° - 50°





NEW









113520 | LED transformer 24V/DC, 0-75W, IP20, Push/DALI dimmable

nominal power 100-240V AC protection class IP20 ambient temp. -20° - 45°



ISOLED



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



113054 | LED transformer 24V/DC, 0-100W, SELV







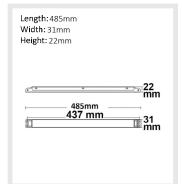


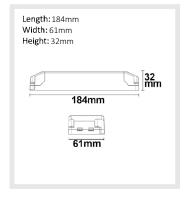






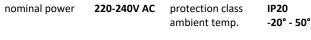




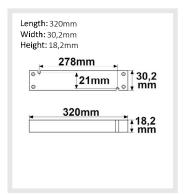




115475 | LED transformer 24V/DC, 0-100W, slim, SELV







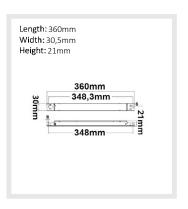
114226 | LED transformer 24V/DC, 0-100W, slim, Dali dimmable

nominal power 220-240V AC protection class IP20 ambient temp. -20° - 45°





strain relief Set of 2 115813 The MOLEO CONTRACTOR STATES AND A



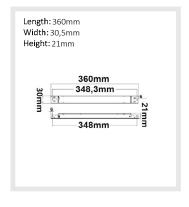
114224 | LED transformer 24V/DC, 0-100W, slim, SELV

nominal power 220-240V AC protection class IP20 ambient temp. -20° - 45°



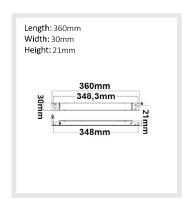


strain relief Set of 2 115813



114225 | LED PWM transformer 24V/DC, 0-100W, slim, 1-10V dimmable, SELV



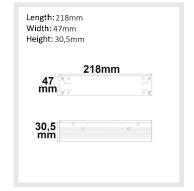




113140 | LED transformer 24V/DC, 0-100W, Mesh Slim

nominal power 220-240V AC protection class IP20 ambient temp. 0° - 50°





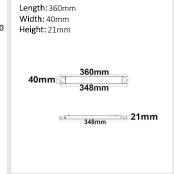


114218 | LED transformer 24V/DC, 0-150W, slim

nominal power 220-240V AC protection class IP20 ambient temp. -25° - 45°

ambient temp. -25° - 45° service life 50000 h L70|B10







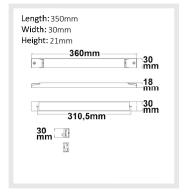
5YEAR GUARANTEE



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





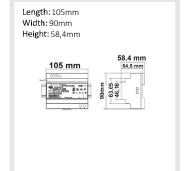


ISOLED

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°







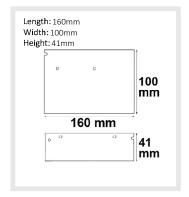




111070 | LED transformer 24V/DC, 0-150W, Mesh

nominal power 100-240V AC protection class IP20 ambient temp. 0° - 50°





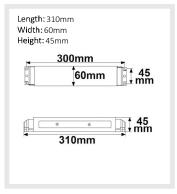


113518 | LED PWM transformer 24V/DC, 0-200W, IP20, 1-10V/Push/DALI dimmable

nominal power 220-240V AC protection class

ambient temp.







114947 | LED PWM transformer 24V/DC, 0-250W, slim, Push/Dali-2 dimmable, SELV

176-264V AC IP20 nominal power protection class

-25 - 50°C ambient temp.

-20° - 50°





360,5mm

22 mm

40 mm

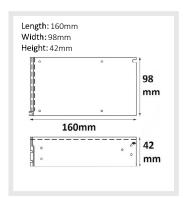






220-240V AC nominal power protection class IP20 ambient temp. 0° - 50°









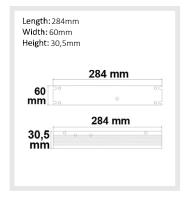


113141 | LED transformer 24V/DC, 0-300W, Mesh Slim

nominal power 220-240V AC protection class ambient temp. IP20 0° - 50°









LED TRANSFORMERS

Transformer 12V IP65/IP67

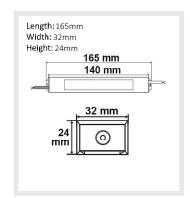




111185 | LED transformer 12V/DC, 0-30W, IP66



nominal power 170-250V AC protection class IP66 ambient temp. -20° - 50°





112325 | Transformer MW LPV 12V/DC, 0-60W, IP67

nominal power 90-264V AC protection class IP67 ambient temp. -30° - 70°



ISOLED

5 YEAR GUARANTEE

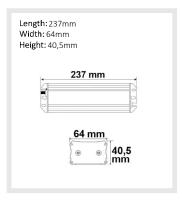


Length: 162,5mm Width: 42,5mm Height: 32mm 162,5 mm 42,5 mm

112425 | LED transformer 12V/DC, 15-60W, IP65, dimmable



nominal power 170-250V AC protection class IP65 ambient temp. -25° - 40°









112327 | Transformer MW LPV 12V/DC, 0-100W, IP67

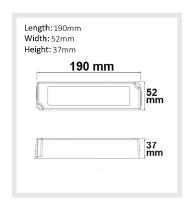
nominal power 90-264V AC protection class IP67 ambient temp. -25° - 70°



ISOLED

5YEAR GUARANTEI







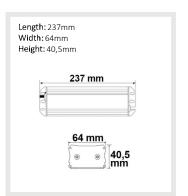
112480 | LED transformer 12V/DC, 20-100W, IP65, dimmable



nominal power 170-250V AC protection class ambient temp.

IP65

-25° - 40°









113348 | LED transformer 12V/DC, 0-200W, IP67, dimmable, SELV

nominal power 220-240V AC protection class IP67 ambient temp. -20° - 50°



ISOLED



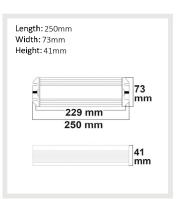












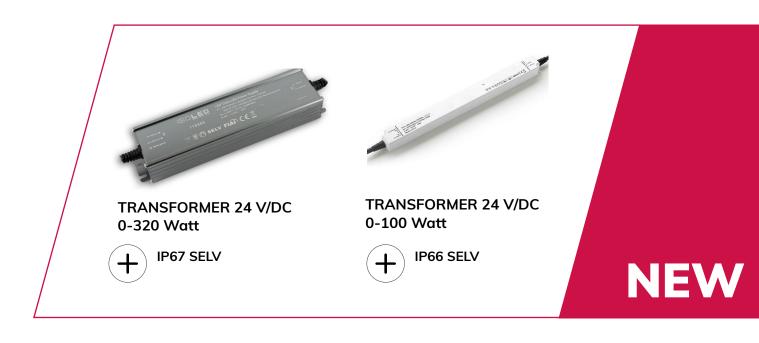




LED TRANSFORMERS

Transformer 24V IP65/IP67



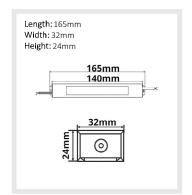




111189 | LED transformer 24V/DC, 0-30W, IP66



nominal power 170-250V AC protection class IP66 ambient temp. -20° - 50°

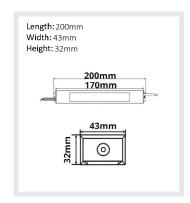




111190 | LED transformer 24V/DC, 0-60W, IP66



nominal power 170-250V AC IP66 protection class ambient temp. -20° - 50°

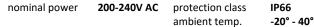


Length: 297mm

Width: 30mm



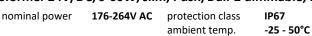
113710 | LED transformer 24V/DC, 0-60W, IP66, SELV







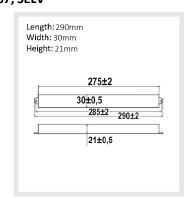
114942 | LED PWM transformer 24V/DC, 0-60W, slim, Push/Dali-2 dimmable, IP67, SELV





ISOLED







112426 | LED transformer 24V/DC, 15-60W dimmable, IP65



nominal power 170-250V AC protection class ambient temp.

IP65 -25° - 40°









114082 | LED transformer 24V/DC, 0-60W, IP67

nominal power 100-250V AC IP67 protection class ambient temp. -20° - 40°

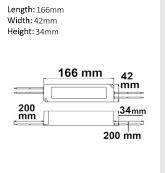




5YEAR GUARANTEE







115476 | LED transformer 24V/DC, 0-100W, IP66, SELV

nominal power active power

200-240V AC 100 W

protection class ambient temp.

IP66 -20° - 40°













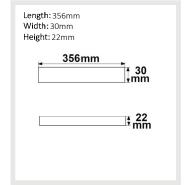












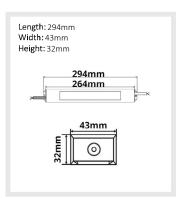
111191 | LED transformer 24V/DC, 0-100W, IP66





protection class ambient temp.

IP66 -20° - 50°







114083 | LED transformer 24V/DC, 0-100W, IP67

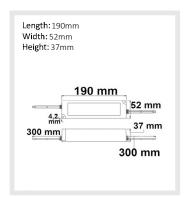
nominal power 100-250V AC protection class IP67 ambient temp. -20° - 40°



ISOLED

5YEAR





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



ISOLED



Length: 320mm
Width: 30mm
Height: 21mm

305±2
30±0,5
315±2
320±2
21±0,5

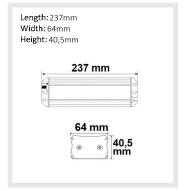
112481 | LED transformer 24V/DC, 20-100W dimmable, IP65



nominal power 170-250V AC protection class IP65 ambient temp. -25° - 40°

ambient temp.

service life





114221 | LED transformer 24V/DC, 0-150W, IP65, slim

nominal power 200-240V AC protection class



ISOLED





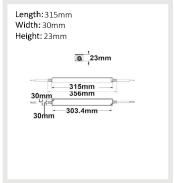














111192 | LED transformer 24V/DC, 0-150W, IP66



nominal power 170-250V AC protection class IP66 ambient temp. -20° - 50°

Length: 314mm Width: 43mm Height: 32mm 314mm 43mm 0



112713 | LED transformer MW ELG-150-24B 24V/DC, 0-150W, 1-10V (60-150W) dimmable, IP67, SELV

180-295V AC protection class

ambient temp.













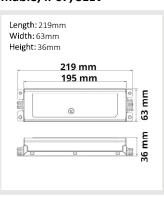












113349 | LED PWM transformer 24V/DC, 10-200W dimmable, IP67, SELV

nominal power

nominal power

220-240V AC

protection class ambient temp.

IP67 -20° - 50°

IP67

-25° - 55°



ISO**LED**







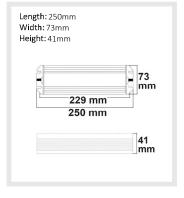












112712 | LED Transformer MW HLG240H-24B 24V/DC, 0-240W, 1-10V (100-240W) dimmable, IP67, SELV

nominal power

100-240V AC

protection class ambient temp.

IP67 -25° - 70°



5YEAR GUARANTEE









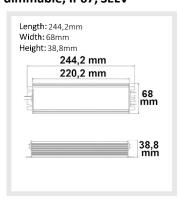














113711 | LED transformer 24V/DC, 0-240W, 1-10V dimmable, IP67

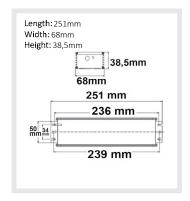
nominal power 100-277V AC protection class IP67 ambient temp. -20° - 40°



ISOLED

5YEAR GUARANTEE





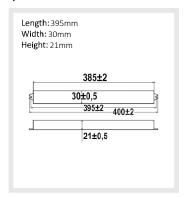
114944 | LED PWM transformer 24V/DC, 0-240W, slim, Push/Dali-2 dimmable, IP67, SELV

nominal power 176-264V AC protection class IP67 ambient temp. -25 - 50°C



ISOLED

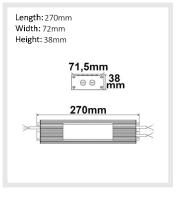




113708 | LED transformer 24V/DC, 10-300W, IP66, SELV

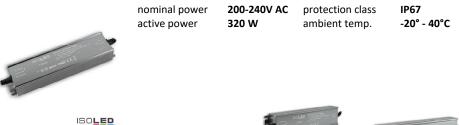


nominal power 170-240V AC protection class IP66 ambient temp. -20° - 40°





115456 | LED transformer V2, 24V/DC, 0-320W, IP67, SELV





Length: 261mm







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

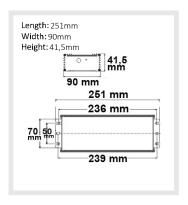
5YEAR GUARANTE















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

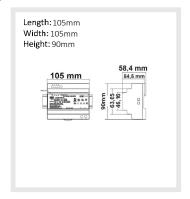
protection class ambient temp.

IP20 -30° - 45°



ISOLED





114945 | LED PWM transformer 48V/DC, 0-240W, slim, Push/Dali-2 dimmable, IP67, SELV

nominal power

176-264V AC protection class ambient temp.

IP67 -25 - 50°C



ISOLED



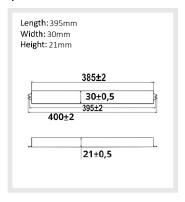












38.5mm

239mm

Length: 251mm

Height: 38,5mm

Width: 68mm

114222 | LED transformer 48V/DC, 0-250W, 1-10V dimmable, IP67

nominal power

180-528V AC

protection class ambient temp. service life

IP67 -20° - 40° 100000 h70|B10



ISOLED 5YEAR













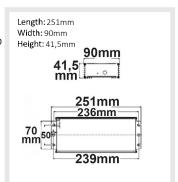
114223 | LED transformer 48V/DC, 0-400W, 1-10V dimmable, IP67

nominal power

180-528V AC

protection class ambient temp. service life

IP67 -20° - 40° 100000 h70|B10



ISOLED

















Holistic LED lighting solutions with flexible light lines

"Immediately after the request, an employee came by to present us the sample case. Top!"

Feedback from customer survey 2022



LED PROFILES

CUSTOMISED LIGHT SOLUTIONS





Intelligent product design for

In- and Outdoor Premium PUR

casting for absolute tightness

(IP67) - possible for all profile systems

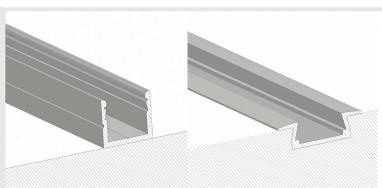


Guaranteed quality with
high-grade aluminium Covers
made of flame retardant polycarbonate



Customer-specific manufacturing
OEM production of individually
designed aluminium profiles





SURFACE/RECESSED-MOUNTING

PROFILES PAGE 261



PAGE 261

PAGE 265

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PAGE 273

UP to max. 9 mm

10 mm

11 mm

12 mm

FLEX STRIP WIDTH

FLEX STRIP WIDTH

FLEX STRIP WIDTH

FLEX STRIP WIDTH

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PAGE 289

PAGE 299

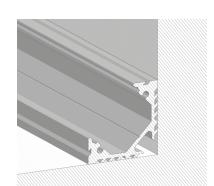
13-19 mm

FLEX STRIP WIDTH

20-21 mm

FLEX STRIP WIDTH

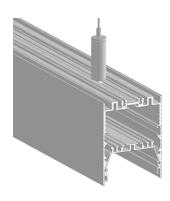
FROM 22 mm
FLEX STRIP WIDTH



CORNER PROFILES PAGE 309



DRY WALL PROFILES PAGE 319

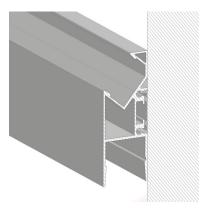


LUMINAIREPROFILES
PAGE 335





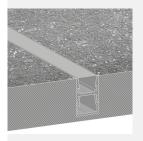
TILE PROFILES PAGE 341



PROFILES FOR INDIRECT LIGHTING PAGE 349



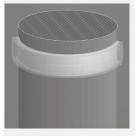
SPECIAL PROFILES PAGE 359



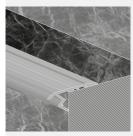
PAGE 360
ACCESSIBLE AND
DRIVABLE PROFILES



PAGE 364
GLASS PROFILES



PAGE 367
FLEXIBLE PROFILES



PAGE 369

STAIR PROFILES



PAGE 370
FURNITURE PROFILES



LED ALU PROFILES

Heat-dissipating function Mechanical protection Maintaining the service life of LED flex stripes

The profiles for LED flex stripes are made from high quality anodised aluminium (corrosion-free) and are available in a standard production range with a length of 2m. Special lengths up to 6m upon request.

The associated profile covers are made from break-proof and flame-retardant polycarbonate and conform to flammability classification uL94 V-2. They are available in:

- » Opal/satinised | milky translucency 65%
- » Frosted translucency 75 %
- » White matt translucency 75 %
- » Clear translucency 85%
- » Black matt translucency 25%

Profiles can be mounted on wooden stripes/panels, plasterboard, masonry, concrete, tiles, stone/granite/marble surfaces and of course metal surfaces. Suitable mounting clamps, profiles and springs, and cable suspensions (depending on the profile system) are listed in the product details.

We recommend cleaning the profile surfaces thoroughly to ensure excellent adhesion of the self-adhesive LED flex stripes. Our professional products and select range of sealing materials and adhesives can be found in the accessories.

Lighting elements comprising LED flex stripes (with cables and technology), as well as aluminium profiles (with covers), can only be used and operated in environments with water and moisture if they are sealed.

silicone, used to cover the connection junctions and seams, offers special protection.

Pay attention to the Protection class of the LED-flex stripes – at least IP65!

Due to production and the regular replacement of tools, all profile dimensions and their cross-sections are subject to certain fluctuations. Please take the current valid dimensions from the information in our online shop or your order confirmation.



IMPORTANT INFORMATION:



We develop your individual solution together with you.

We check the technical and commercial feasibility.

We calculate the minimum order quantity.

We realise your project!

OEM PRODUCTION AND CUSTOMER-SPECIFIC ASSEMBLY

From a minimum purchase quantity onwards, we produce aluminium profiles and plastic casings of the standard range with lengths of up to 6m and in the desired RAL color (powder coating).

Customer-specific assembly of aluminium profiles and production of lighting elements upon request.



OVERVIEW

SURFACE-MOUNTING PROFILES



SURF6 PAGE 262



SURF8 PAGE 263



MINI AB-10 PAGE 266



MAXI AB-10 PAGE 266



SURF10 PAGE 270



SURF11 PAGE 272



SURF12 HIDDEN PAGE 283



SURF12 PAGE 277



SURF12 BORD-ERLESS PAGE 278



PURE12 S PAGE 279



SURF12 FLAT PAGE 274



SURF12 RAIL PAGE 276



SURF12 FLAT BORDERLESS PAGE 275



PURE14 S PAGE 286



SURF16 PAGE 288



IL-ALU 20 PAGE 290



WING20 MINI PAGE 292



WING20 PAGE 293



SURF24 PAGE 304



SURF24 FLAT PAGE 300



PROFILES RECESSED



MINI EB-10 PAGE 268



MAXI EB-10 PAGE 269



DIVE12 FLAT PAGE 280



DIVE12 PAGE 281



PURE12 D PAGE 282



PURE14 D PAGE 287



IL-ALU 20 PAGE 291



WING20 MINI FLANGE PAGE 294



WING20 FLANGE PAGE 295



DIVE24 PAGE 306



DIVE24 FLAT PAGE 302

CORNER PROFILES



CORNER10 PAGE 310



CORNER10 SLIM
PAGE 311



CORNER11N PAGE 312



CORNER11 PAGE 313



CORNER12 PAGE 315



CORNER12 BORDERLESS PAGE 314



CORNER13



CORNER20 PAGE 337

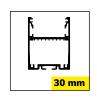


CORNER22

LUMINAIRE PROFILES



CORNER20 PAGE 337



LAMP30 PAGE 336



LAMP40 PAGE 338



DRY WALL PROFILES



SHADOW GAP 8 PAGE 320



SHADOW GAP 40 & 80 PAGE 321



FINISH PAGE 322



T-PROFILE 14 PAGE 323



T-PROFILE 20 PAGE 324



EXTERNAL CORNER PAGE 327



CEILING 21 PAGE 328



PLANAR PAGE 332



DOUBLE CURVE PAGE 333



SINGLE CURVE



T-PROFILE 12



S-PROFILE 12



INTERNAL CORNER PAGE 326

PROFILES FOR INDIRECT LIGHTING



2SIDE PAGE 350



BACKLIGHT 3 PAGE 351



HIDE SINGLE PAGE 352



HIDE DOUBLE PAGE 353



HIDE TRIANGLE PAGE 354



HIDE ASYNC PAGE 355



HIDE ANGLE PAGE 356



HIDE BOTTOM PAGE 357



TILE PROFILES







T-PROFILE PAGE 343



INTERNAL CORNER



EXTERNAL CORNER



UP8 PAGE 346



UP10 PAGE 347

FLEXIBLE PROFILES





COOLING STRIPES 14 PAGE 366

SURF15 FLEX PAGE 367

SPECIAL PROFILES

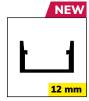


LED LIGHT STRIPES OUTDOOR PREMIUM PUR-COMPLETE CAST

PAGE 368

46,5 CM | 96,5 CM dynamic white IP67 | 24 V





GROUND-IN10 PAGE 362



GROUND-OUT10 PAGE 363



GLAS11 SHELF PAGE 364



GLAS11 SIGN PAGE 365



STAIRS12 PAGE 368



STAIRS13 PAGE 369



FURNIT6 S PAGE 370



FURNIT6 D PAGE 371



PREMIUM PUR-COMPLETE CAST

LED LIGHT STRIPES WITH IP67 PROTECTION

IP67

Multilevel complete casting process

In order to be able to operate linear LED lighting concepts safely and trouble-free in wet cells, humid rooms, outdoor areas and especially under water, at least protection class IP67 must be guaranteed.

Absolutely waterproof

We achieve this absolute waterproofness with the complete cast of 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 cable 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.

Complete cast for all LED profile systems

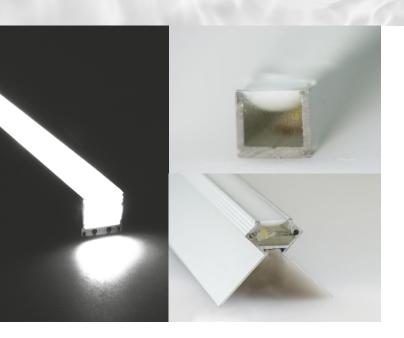
On request, we can assemble any aluminium profile with LED flex stripes and cabling and complete cast in a multi-stage process with PREMIUM PUR (up to a profile length of max. 5.5 m). Depending on the thickness and the color (transparent or opal satined) of the full potting, a different light transmission is achieved.

REQUEST NOW!



LED LIGHT STRIPES
OUTDOOR
PREMIUM PUR-COMPLETE CAST

PAGE 368



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



DESIGN COVER

A cover that can do more.



CROSS SECTION PRINTED

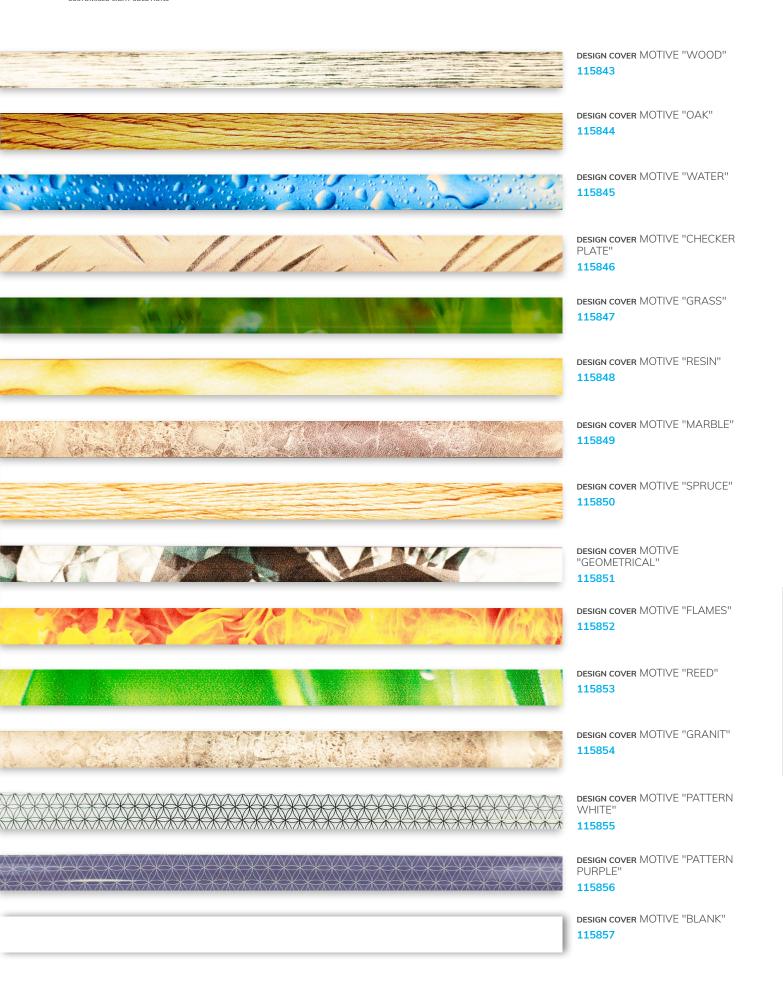
COVER

Until now, aluminum profiles for LED flex strips had a purely practical use. This is now changing with the new Design Covers: their use opens up a world of possibilities for individual lighting design. Not only can they be used to set architectural accents and highlight design elements, but they can also be integrated inconspicuously into the background as required.

You have the choice of 15 different ready-made designs or you can have a personal motive made according to your wishes - the possibilities are unlimited!

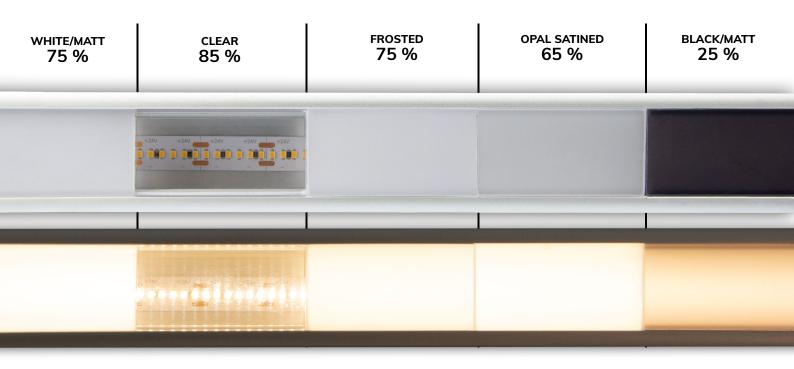




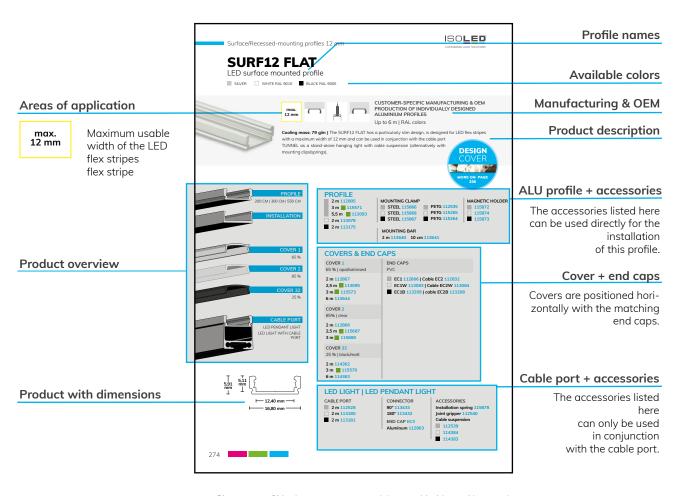




PC Covers Overview



Orientation guide/ edge marking



Please note: Shipping costs on request! Items with this marking require special freight costs due to their dimensions.



LED PROFILES

Surface/Recessed-mounting profiles up to max. 9 mm flex stripe width

Up to max. 9 mm
FLEX STRIPE WIDTH





SURF6 PAGE 262



SURF8 PAGE 263



SURF6

LED surface mounted profile

SILVER BLACK RAL 9005





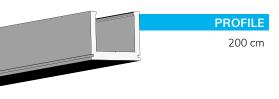


Customer-specific manufacturing & OEM production of individually designed aluminium profiles

Up to 6 m | RAL colors

Cooling mass: 45 g/m | Especially narrow and flat LED alu profile, which is ideal for integrating in tile designs due to its dimensions $(7.8 \times 7 \text{ mm} - b \times h)$.

For installation in wet and outdoor areas: PC cover + cooling stripes + silicone end caps | IMPORTANT: in addition professionally seal with silicone!



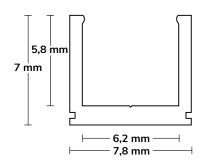
PROFILE

2 m 113634

2 m 114785



COVER 24 65 % opal/satinised	END CAPS
2 m 113648	EC64 113636 Cable EC65 113637
6 m 113649	· ·





SURF8

LED surface mounted profile

SILVER BLACK RAL 9005





Customer-specific manufacturing & OEM production of individually designed aluminium profiles

Up to 6 m | RAL colors

Cooling mass: 60 g/m | Due to the small dimensions ($10 \times 9.2 \text{ mm} - w \times h$), this LED aluminium profile is particularly suitable for installation in furniture. It can be inserted in the premilled cutouts. The cover (opal / 65% translucency) hides the edges of the profile -> you can see only the linear line of light.



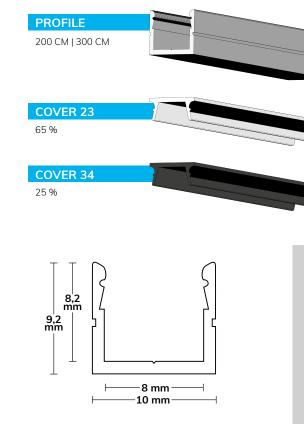
PROFILE

2 m 113630 3 m 115529

2 m 114358

MOUNTING CLAMP 113633

COVER 23 65 % opal/satinised	END CAP silicone
2 m 113653 3 m 115568 6 m 113654	EC62 113631 Cable EC63 113632
COVER 34 25 % black/matt	
2 m 114366 6 m 114367	







LED PROFILES

Surface/Recessed-mounting 10 mm flex stripe width

10 mm FLEX STRIPE WIDTH





MINI AB-10 PAGE 266



MAXI AB-10 PAGE 266



SURF10 PAGE 270



MINI EB-10 PAGE 268



MAXI EB-10 PAGE 267



MINI-AB10 LED surface mounted profile

SILVER WHITE RAL 9010

BETTER PRICE-PERFORMANCE RATIO: SURF12 FLAT- PAGE 274





Cooling mass: 81 g/m | The surface-mounting profile MINI-AB10 is very flat with only 6 mm external height and designed for LED flex stripes with max. 10 mm width. The low interior height allows the installation and use of the LED Touch Dimmer for controlling the LED flex stripes (on/off, stepless dimming). Clear cover with linear lens available..



PROFILE

2 m 111359 2 m 112509 MOUNTING CLAMP 111389

COVERS & END CAPS

COVER CLEAR 85 %	END CAPS PVC
2 m 111369	111380 Cable 111381 Power supply 111391
COVER MILKY SMOOTH 75 %	
2 m 111368	
COVER WHITE 65 %	
2 m 112349	
COVERLINEARLENS	

COVER LINEAR LENS 85% | clear

2 m 111739

LED PENDANT LIGHT

Cable suspension 111405 Joint gripper 112540



MAXI-AB10 LED surface mounted profile

BETTER PRICE-PERFORMANCE RATIO: SURF12 - PAGE 277

SILVER WHITE RAL 9010



Cooling mass: 142 g/m | The profile MAXI-AB10 can be used as a surface-mounting and recessed-mounting profile for LED flex stripes with max. 10 mm width. The cover is available in four finishes: clear, opal/satinised, white and with linear lens (clear). The covers are clicked into the profile and close flush.



PROFILE

2 m 111361 2 m 112510 MOUNTING CLAMP 111389

COVERS & END CAPS

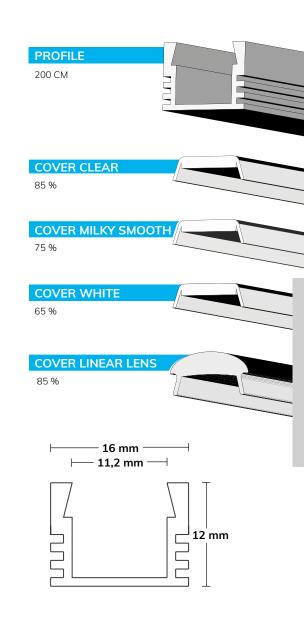
COVER CLEAR 85 %	END CAPS PVC
2 m 111369	111374 Cable 111375 Power supply 111390
COVER MILKY SMOOTH 75 %	
2 m 111368	
COVER WHITE 65 %	
2 m 112349	

COVER LINEAR LENS 85% | clear

2 m 111739

LED PENDANT LIGHT

cable suspension 111405 Joint gripper 112540





MINI-EB10 LED profiles recessed

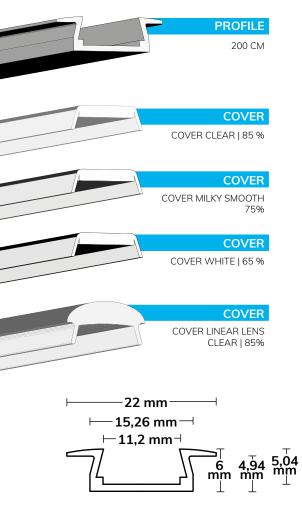
SILVER

BETTER PRICE-PERFORMANCE RATIO: DIVE12 FLAT - PAGE 280



max. 10 mm

Cooling mass: 87 g/m | The recessed-mounting profile MINI-EB10 is for LED flex stripes with max. 10 mm width. It is very flat with 6 mm external height and can be equipped with an LED touch dimmer to control the LED flex stripes (on/off, stepless dimming). Covers available in four designs (also with linear lens).



PROFILE

2 m 111360

MOUNTING CLAMP 111389

COVERS & END CAPS

COVER CLEAR 85 %	END CAPS U1/U2/U3 PVC
2 m 111369	111382 Cable 111383
COVER MILKY SMOOTH 75 %	
2 m 111368	
COVER WHITE 65 %	
2 m 112349	

COVER LINEAR LENS 85% | clear

2 m 111739



MAXI-EB10 LED profiles recessed

SILVER

BETTER PRICE-PERFORMANCE RATIO: DIVE12 - PAGE 281



Cooling mass: 154 g / m | The recessed-mounting profile MAXI-EB10 has twice the height of the MINI-EB10 and is the same in design. Basically, the MAXI-EB10 is a small and compact aluminium profile that can be used in interior design as well as in furniture and kitchen construction. Available with four different covers: clear, opal/satinised, white or with linear lens.



PROFILE

2 m 111362

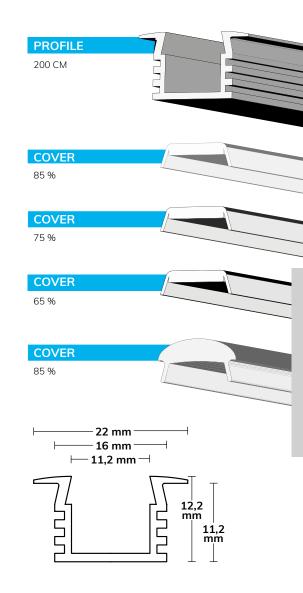
MOUNTING CLAMP 111389

COVERS & END CAPS

COVER CLEAR 85 %	END CAPS PVC
2 m 111369	111376 Cable 111377
COVER MILKY SMOOTH 75 %	
2 m 111368	
COVER WHITE 65 %	
2 m 112349	

COVER LINEAR LENS 85% | clear

2 m 111739





SURF10

LED surface mounted profile

SILVER

BLACK RAL 9005









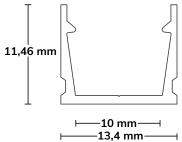
CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

MOUNTING CLAMP 114777

Up to 6 m | RAL colors

Cooling mass: 95 g / m | The profile Surf10 can be used as a surface-mounting and recessed profile for LED flex stripes with max. 10 mm width. The cover is available in opal/ satinised (65 % translucence) or black/matt (25 % translucence). The cover is level with the profile. Only the LED light strip is visible.





PROFILE



115541

2 m 114783 3 m 115556

3 m 115567





LED PROFILES

Surface/Recessed-mounting 11 mm flex stripe width





SURF11

LED surface mounted profile

SILVER







CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 117 g/m | The SURF11 has an ultra-flat design and can be used for LED flex stripes with a maximum width of 11 mm. It can be used universally indoors. Due to the small dimensions and the low weight, it is also ideal for residential and office rooms, retail as well as hotel/catering.



PROFILE

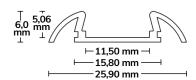
200 CM | 300 CM



PROFILE

2 m 112795 3 m 115543

COVER 8 65 % opal/satinised	END CAPS COVER 8/9/52 PVC
2 m 112875 3 m 113097 6 m 114361	EC39 112788 Cable EC40 112790
COVER 9 85% clear	
2 m 112874	
COVER 52 25 % black/matt	
2 m 115482	





LED PROFILES

Surface/Recessed-mounting profiles 12 mm flex stripe width

12 mm FLEX STRIPE WIDTH





SURF12 HIDDEN PAGE 283



SURF12 PAGE 277



SURF12 BORD-ERLESS PAGE 278



PURE12 S PAGE 279



SURF12 FLAT PAGE 274



SURF12 RAIL PAGE 276



SURF12 FLAT BORDERLESS PAGE 275



DIVE12 FLAT PAGE 280



DIVE12 PAGE 281



PURE12 D PAGE 282



SURF12 FLAT

LED surface mounted profile

SILVER ☐ WHITE RAL 9010 BLACK RAL 9005



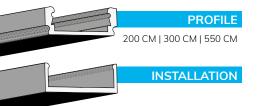


CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED **ALUMINIUM PROFILES**

Up to 6 m | RAL colors

Cooling mass: 79 g/m | The SURF12 FLAT has a particularly slim design, is designed for LED flex stripes with a maximum width of 12 mm and can be used in conjunction with the cable port TUNNEL as a stand-alone hanging light with cable suspension (alternatively with mounting clips/springs).







2 m 112805 3 m 115571 5,5 m 113093

2 m 113079 2 m 113175

25 % | black/matt

2 m 114362 3 m 115570 6 m 114363

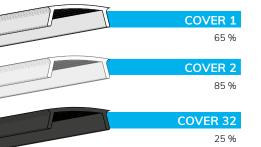


STEEL 115868 **PETG 115265** STEEL 115867 PETG 115264

115872 115874 115873

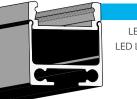
MAGNETIC HOLDER

MOUNTING BAR 2 m 113640 10 cm 113641

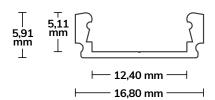


COVERS & END CAPS





CABLE PORT LED PENDANT LIGHT LED LIGHT WITH CABLE PORT



LED LIGHT | LED PENDANT LIGHT

CABLE PORT CONNECTOR 2 m 112528 90° 113433 2 m 113180 2 m 113181

180° 113432 END CAP EC3 Aluminum 112803 **ACCESSORIES** Installation spring 115878 Joint gripper 112540 Cable suspension 112539 **114384**

114383



SURF12 BORDERLESS FLAT

LED surface mounted profile

SILVER



CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 65 g/m | The SURF12 BORDERLESS FLAT is compatible with three different plastic covers (PC): flat, high (both square) or round. All three covers enclose the aluminium profile so that the linear LED light line remains visible in the foreground after installation.





2 m 112785

3 m 115539

MOUNTING CLAMP

EC35 112784 | Cable EC36 112794

EC37 112786 | Cable EC38 112787

112535

115265

END CAPS

COVER 3 | PVC

115264

COVERS & END CAPS

COVER 3

65 % | opal/satinised

2 m 112868

3 m 113096

6 m 113645

COVER 4

65 % | opal/satinised

2 m 112869

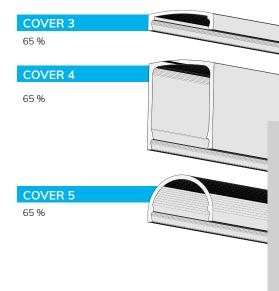
COVER 5

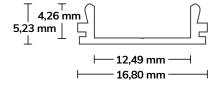
65 % | opal/satinised

END CAPS COVER 5 | PVC

2 m 112870

PROFILE 200 CM | 300 CM







SURF12 RAIL

LED surface mounted profile

SILVER







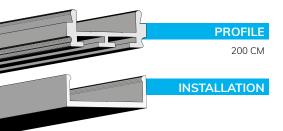




CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 100 g / m | The SURF12 RAIL is designed very flat, for LED flex stripes with max. 12 mm and can be equipped with three different covers. In combination with the cable port TUNNEL (Item no. 112528) it can be used also as an independent LED hanging light with cable suspension (alternatively with mounting clips/springs).



PROFILE

2 m 112818

112535 115265 115264

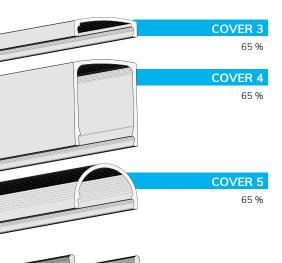
MOUNTING CLAMP

MOUNTING BAR

2 m 113640 10 cm 113641

CONNECTOR

90° 113435 180° 113434



COVERS & END CAPS

COVER 3

65 % | opal/satinised

2 m 112868 3 m 113096 6 m 113645

COVER 4

65 % opal/satinised
2 m 112869

END CAPS
COVER 4 | PVC

EC16 112531 | Cable EC17 112530

COVER 5	END CAPS
65 % opal/satinised	COVER 5 PVC
2 m 112870	EC19 112543 cable EC20 112544



⊤ 4,21 mm

> 12,49 mm -16,80 mm -

7,09 mm

LED LIGHT | LED PENDANT LIGHT

CABLE PORT
2 m 112528

CONNECTOR 90° 113433 180° 113432 END CAP C.3 EC C.4 EC18 ALU 112532 C.5 EC21 ALU 112534 ACCESSORIES
Installation spring 115878
Joint gripper 112540
Cable suspension
112539
114384
114383

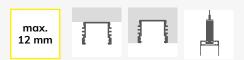
276



SURF12

LED surface mounted profile

SILVER WHITE RAL 9010 BLACK RAL 9005



CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 138 g / m | The surface-mounting profile SURF12 can be connected to the cable port TUNNEL with a click (can be installed with cable suspension or mounting clips/springs). The cover is available in opal/satinised (65% translucency), clear (85% translucency) or black/matt (25% translucency). The SURF12 is designed for LED flex stripes with a maximum of 12 mm.





2 m 112809 3 m 115572

5,5 m 113094

☐ 2 m 113080

2 m 113176

MOUNTING CLAMP

STEEL 115869 PETG 112535

☐ STEEL 115871 ☐ PETG 115265

■ STEEL 115870 ■ PETG 115264

MAGNETIC HOLDER 115875

115875

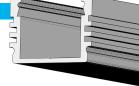
115876

MOUNTING BAR

2 m 113640 10 cm 113641

PROFILE

200 CM | 300 CM | 550 CM



2 m 112640 1

1

INSTALLATION

65 %

COVER 2

COVER 1

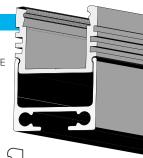
85 %

COVER 32

25 %

CABLE PORT

LED PENDANT LIGHT
LED LIGHT WITH CABLE



COVERS & END CAPS

END CAPS COVER 1 PVC 65 % | opal/satinised 2 m 112867 EC4 112835 | Cable EC5 112807 EC4W 113087 | Cable EC5W 113088 2,5 m 113095 EC4B 113210 | Cable EC5B 113211 3 m 115573 6 m 113644 COVER 2 85% | clear 2 m 112866 2,5 m 115687 3 m 115688 COVER 32 25 % | black/matt 2 m 114362 3 m 115570 6 m 114363

LED LIGHT | LED PENDANT LIGHT

CABLE PORT

2 m 112528

2 m 113180

2 m 113181

CONNECTOR **90° 113433**

180° 113433

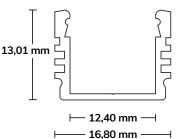
END CAP EC6 ALU 112833 ACCESSORIES

Installation spring 115878 Joint gripper 112540

Cable suspension

112539

□ 114384■ 114383







SURF12 BORDERLESS

LED surface mounted profile

SILVER WHITE RAL 9010 BLACK RAL 9005





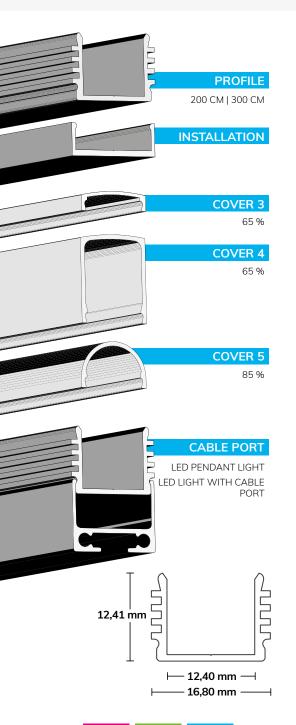




CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 125 g/m | The SURF12 BORDERLESS is compatible with three different plastic covers (PC): flat, tall (both angular) or round. All three covers are opal/satinised (65 % translucency) and enclose the aluminium profile so that the linear LED light line remains visible after mounting.



PROFILE

2 m 112802 3 m 115539

2 m 113173

2 m 113174

MOUNTING CLAMP

112535

115264

MOUNTING BAR

2 m 113640 10 cm 113641

COVERS & END CAPS

COVER 3 65 % opal/satinised	END CAPS COVER 3 PVC
2 m 112868 3 m 113096 6 m 113645	EC10 112542 Cable EC11 112541 EC10W 113212 cable EC11W 113214 EC10B 113213 cable EC11B 113215
COVER 4 65 % opal/satinised	END CAPS COVER 4 PVC
2 m 112869	On request

COVER 5	END CAPS
65 % opal/satinised	COVER 5 PVC
2 m 112870	EC13 112837 Cable EC14 112816 EC13W 113216 cable EC14W 113218 EC13B 113217 Cable EC14B 113219

LED LIGHT | LED PENDANT LIGHT

CABLE PORT

2 m 112528

2 m 113180

2 m 113181

CONNECTOR

90° 113433

180° 113432

END CAP

C.3 EC12 ALU 112533

C.4 EC On request

CONNECTOR
90° 113433
180° 113432
END CAP
C.3 EC12 ALU 112533
C.4 EC On request

C.5 EC15 ALU 112815

ACCESSORIES
Installation spring 115878
Joint gripper 112540
Cable suspension
112539
114384
114383



PURE12 S

LED surface mounted profile

SILVER WHITE RAL 9010

BLACK RAL 9005





CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

a maximum width of 12 mm and is universally used for inside-mounting. The cover is available in opal/ satinised (65 % translucence), clear (85 % translucence) or black/matt (25 % translucence). It completely



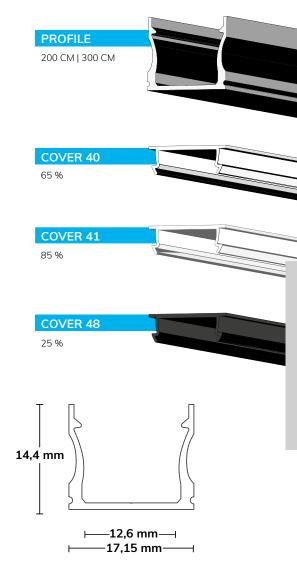


2 m 114787 3 m 115550 2 m 114789 3 m

115551

2 m 114788 3 m 115552 mounting clamp 114776

COVER 40 65 % opal/satinised	END CAPS PVC
2 m 114738 2,5 m 114739 3 m 115562	■ EC77 114757 Cable EC78 114760 □ EC77W 114759 Cable EC78W 114762 ■ EC77B 114758 Cable EC78B 114761
COVER 41 85% clear	
2 m 114740 3 m 115563	
COVER 48 25 % black/matt	
2 m 114747	





DIVE12 FLAT

LED profiles recessed

SILVER

☐ WHITE RAL 9010 BLACK RAL 9005



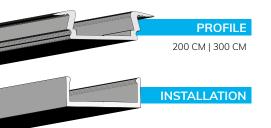


CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 82 g/m | The recessed-mounting profile DIVE24 FLAT can be fitted with eleven different PC covers. With the high cover (opal/satinised with 65 % translucency), it is ideal for the installation of powerful LED flex strips. Due to the sufficiently large distance between LED and cover, you do not see dots of light but a line of light.





PROFILE

2 m 112826 3 m 115545

2 m 113178 3 m 115546

2 m 113179 3 m 115547

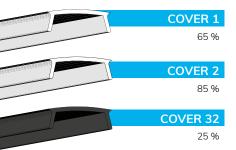
MOUNTING CLAMP

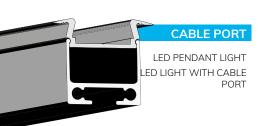
112535 115265

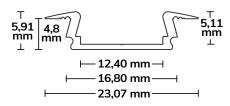
115264

MOUNTING BAR 2 m 113640

10 cm 113641







COVERS & END CAPS

COVER 1 **END CAPS** 65 % | opal/satinised COVER 1 | PVC 2 m 112867 EC25 112827 | Cable EC26 112824 2,5 m 113095 ☐ EC25W 113220 | Cable EC26W 113222 m 115573 6 m EC25B 113221 | Cable EC26B 113223 113644 COVER 2 85% | clear 2 m 112866 2,5 m 115687 3 m 115688 COVER 32

LED LIGHT | LED PENDANT LIGHT

CABLE PORT

2 m 112528

25 % | black/matt

2 m 114362 3 m 115570 6 m 114363

2 m 113180

2 m 113181

CONNECTOR

90° 113433 180° 113432

END CAP EC27

ALU 112814

ACCESSORIES

Installation spring 115878 Joint gripper 112540

Cable suspension

112539

114384

114383



DIVE12

LED profiles recessed

_ ' _

SILVER WHITE RAL 9010 BLACK RAL 9005





CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 140 g/m | The recessed-mounting profile DIVE12 has a particularly narrow design and is designed for LED flex strips with max. 12 mm. It can be used universally indoors. Covers available in opal/satinised (65 % translucency), clear (85 % translucency) or black/matt (25 % translucency). With the cable port TUNNEL (112528) it becomes an independent LED luminaire.



PROFILE

2 m 112812

2 m 114781

2 m 114/01

MOUNTING CLAMP

112535 115265

115264

MOUNTING BAR 2 m 113640

2 m 113640 10 cm 113641

COVERS & END CAPS

COVER 1 65 % opal/satinised	END CAPS PVC
2 m 112867 2,5 m 113095 3 m 115573 6 m 113644	EC7 112836 Cable EC8 112810 EC7W 114850 Cable EC8W 114852 EC7B 114849 Cable EC8B 114851
COVER 2 85% clear	
2 m 112866 2,5 m 115687 3 m 115688	
COVER 32 25 % black/matt	
2 m 114362 3 m 115570 6 m 114363	

PROFILE 200 CM INSTALLATION COVER 1 65 % COVER 2 85 % COVER 32 25 % CABLE PORT LED PENDANT LIGHT LED LIGHT WITH CABLE PORT

── 12,40 mm -── 16,80 mm -

23,07 mm -

LED LIGHT | LED PENDANT LIGHT

CABLE PORT

2 m 112528

CONNECTOR 90° 113433 180° 113432 END CAP EC9 ALU 112834 ACCESSORIES
Installation spring 115878
Joint gripper 112540
Cable suspension
112539

114384 114383



PURE 12 D

LED profiles recessed

SILVER

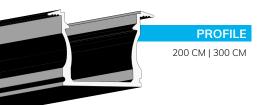




CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

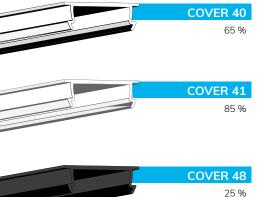
Up to 6 m | RAL colors

Cooling mass: 132 g / m | The recessed-mounting profile PURE12 D is designed for LED flex stripes with a maximum width of 12 mm and is universally used in the inside-area. The cover is available in opal/satinised (65 % translucence), clear (85 % translucence) or black/matt (25 % translucence).

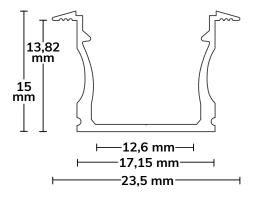




2 m 114790 3 m 115575 mounting clamp **114776**



_	
COVER 40 65 % opal/satinised	END CAPS PVC
2 m 114738 2,5 m 114739 3 m 115562	EC85 114771 Cable EC86 114772
COVER 41 85% clear	
2 m 114740 3 m 115563	
COVER 48 25 % black/matt	
2 m 114747	





SURF 12 HIDDEN

LED profiles recessed

SILVER





CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 77 g/m | The cover (opal/satinised 65% translucency) is attached to the cooling strip item no. 112433. The cover is snapped onto the outer sides of the aluminium strip -> you can see only the homogenous light line! | IMPORTANT: Stick the LED flex stripes on the wider side of the cooling strip!



PROFILE

2 m 112433

PROFILE 200 CM

COVERS & END CAPS

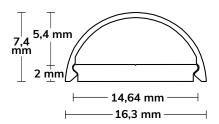
COVER 26
65 % | opal/satinised

2 m 113652

END CAPS
COVER 26 | silicone

EC73 113628 | cable EC70 113629









LED PROFILES

Surface/Recessed-mounting profiles 13 bis 19 mm flex stripe width





PURE14 S

LED surface mounted profile

SILVER

☐ WHITE RAL 9010 ■ BLACK RAL 9005



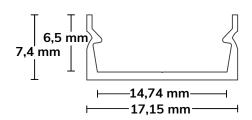


CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 68 g / m | The surface-mounting profile PURE14 S is designed for LED flex stripes with a maximum width of 14 mm and is universally used for inside-mounting. The cover is available in opal/ satinised (65 % translucence), clear (85 % translucence) or black/matt (25 % translucence). It completely conceals the aluminium profile on the upper side, so only the LED light strip is visible.





2,5 m 114794 3 m 115553

2 m 114793 3 m 115548

2 m 114792 3 m 115549 mounting clamp 114776

COVER 40 65 % opal/satinised	END CAPS PVC
2 m 114738 2,5 m 114739 3 m 115562	■ EC75 114751 Cable EC76 114754 □ EC75W 114753 Cable EC76W 114756 ■ EC75B 114752 Cable EC76B 114755
COVER 41 85% clear	
2 m 114740 3 m 115563	
COVER 48 25 % black/matt	
2 m 114747	



PURE14 D

LED profiles recessed

SILVER





CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

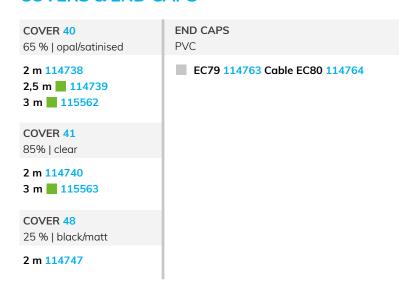
Up to 6 m | RAL colors

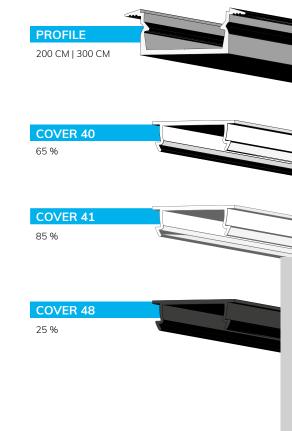
Cooling mass: 79 g/m | The recessed-mounting profile PURE14 D is designed for LED flex strips with a maximum width of 14 mm and is used universally indoors. Due to its flat dimensions and low weight, it is particularly suitable for installation in furniture. The cover is available in opal/satinised (65 % translucency), clear (85 % translucency) or black/matt (25 % translucency).

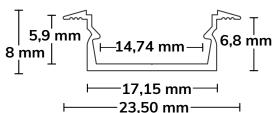


PROFILE

2 m 114795 3 m 115574 mounting clamp 114776









SURF16

LED surface mounted profile

SILVER WHITE RAL 9010 BLACK RAL 9005





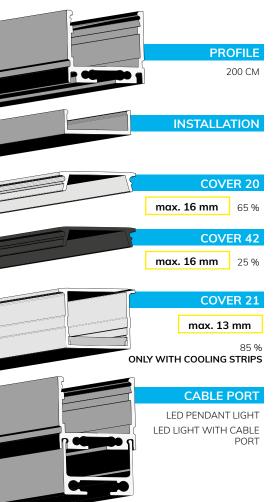




CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 188 g/m This aluminium profile is compatible with the mounting bar item no. **113641** and the cable port. Wall/ceiling installation or with cable suspension as hanging light. For installation in wet and outdoor areas, we offer this solution: PC cover + cooling stripes + silicone end caps IMPORTANT: seal with silicone!



PROFILE

2 m 113614

2 m 113615

2 m 113616

MOUNTING BAR

2 m 113640 10 cm 113641

CONNECTOR

90° 113433 180° 113432

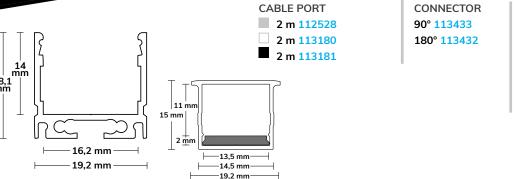
MOUNTING CLAMP 114778

COVERS & END CAPS

COVERS & END C	APS
COVER 20 65 % opal/satinised	END CAPS COVER 20 + 42 PVC
2 m 113655 6 m 113656	EC58 113621 cable EC59 113622 EC58W 113617 Cable EC59W 113618
COVER 42 25 % black/matt	EC58B 113613 cable EC59B 113623
2 m 114741	
CO) (ED 04	ENID CADO

COVER 21	END CAPS
65 % opal/satinised	COVER 21 silicone
2 m 113657	EC56 113619 cable EC57 113620
2,6 m 113658	
COOLING STRIP	

LED LIGHT | LED PENDANT LIGHT



2 m 112433

ACCESSORIES
Installation spring 115878
Joint gripper 112540
Cable suspension
112539

114384 114383



LED PROFILES

Surface/Recessed-mounting profiles 20 bis 21 mm flex stripe width

20-21 mm FLEX STRIPE WIDTH





IL-ALU 20 PAGE 290



WING20 MINI PAGE 292



WING20 PAGE 293



IL-ALU 20 PAGE 291



WING20 MINI FLANGE PAGE 294



WING20 FLANGE PAGE 295



IL-ALU20

LED surface mounted profile

SILVER



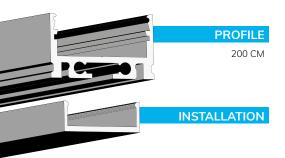




CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 210 g/m | The surface-mounting profile IL-ALU20 has a very low internal height of 8.6 mm and can therefore be equipped with the LED touch dimmer (see accessories) to control the LED flex strip (switch on/off, stepless dimming). The cover is available in opal/satinised (65 % translucency).



PROFILE

2 m 113805

MOUNTING CLAMP 113811

CONNECTOR

90° 113433 180° 113432

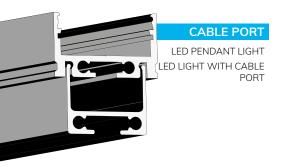
FIXING STRIP 2 m 113640 10 cm
113641



COVERS & END CAPS

COVER 26 END CAPS
65 % | opal/satinised COVER 26 | ALU

2 m 114879 EC70 113807
6 m 114880



LED LIGHT | LED PENDANT LIGHT

CABLE PORT

2 m 112528

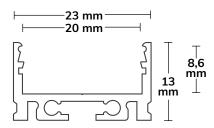
CONNECTOR 90° 113433 180° 113432

ACCESSORIES
Installation spring 115878
Joint gripper 112540
Cable suspension

112539

114384

114383





IL-ALU20LED profiles recessed

SILVER





CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 300 g / m | The recessed-mounting profile IL-ALU20 is designed for LED flex stripes with a width of max. 20 mm. The internal height of 15.1 mm allows the use of stronger LEDs. The opal/satinised cover gives a homogenous light bar (translucency 65%). The end caps made of aluminium are bolted on at each side.



PROFILE

2 m 113806

PROFILE 200 CM INSTALLATION

COVERS & END CAPS

COVER 26

65 % | opal/satinised

2 m 114879 6 m 114880 END CAPS
COVER 26 | ALU

EC71 113808



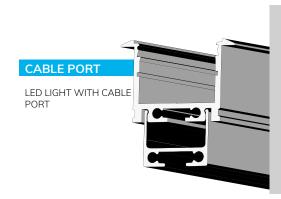
LED LIGHT | LED PENDANT LIGHT

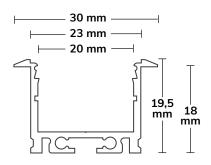
CABLE PORT

2 m 112528

CONNECTOR 90° 113433 180° 113432 ACCESSORIES

Installation spring 115878







WING20 SMALL

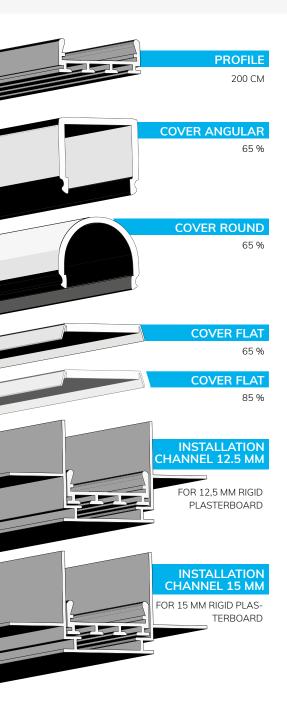
LED surface mounted profile

SILVER





Cooling mass: 172 g/m | The WING20 MINI with its internal height of only 4 mm is the lowest aluminium profile in the range (external height 10 mm). It can be combined with extremely flat covers (clear and opal/satinised) or with high covers (round or square in opal/satinised). The LED touch dimmer (see accessories) can be installed.



PROFILE

2 m 112266

Installation spring 112270

CONNECTOR

90 ° horizontal **112549**

90 ° vertical 112552

180° 112551

135 ° horizontal 112550

135° vertical 112553

COVERS & END CAPS

COVER SQUARE 65 % opal/satinised	END CAPS COVER Square PVC
2 m 111742	111861

COVER ROUND	END CAPS
65 % opal/satinised	COVER round PVC
2 m 111741	111860

COVER FLAT	END CAPS
65 % opal/satinised	COVER flat PVC
2 m 112268	112273

COVER FLAT	END CAPS
85% clear	COVER flat PVC
2 m 112267	112273

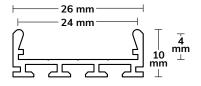
INSTALLATION CHANNEL

INSTALLATION CHANNEL

2 m | 12, 5 mm 112334

2 m | 15 mm 112589

ACCESSORIES Installationclip





WING20

LED surface mounted profile

SILVER



Cooling mass: 260 g / m | The surface-mounting profile WING20 can be combined with strong LED flex stripes mounted up to a max. width of 20 mm. The significantly larger design dissipates the heat generated by the LEDs very well. Especially when using the opal/satinised covers, a homogenous quality of light is maintained.



PROFILE

2 m 112265

Installation spring 112270 CONNECTOR 90 ° horizontal 112549 90 ° vertical 112552 180° 112551

135 ° horizontal 112550 135° vertical 112553

COVERS & END CAPS

COVER SQUARE

65 % | opal/satinised

2 m 111742

COVER ROUND

65 % | opal/satinised

2 m 111741

COVER FLAT

65 % | opal/satinised

COVER flat | PVC

2 m 112268

112272

 COVER FLAT
 END CAPS

 85% | clear
 COVER flat | PVC

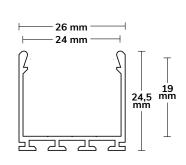
 2 m 112267
 112272

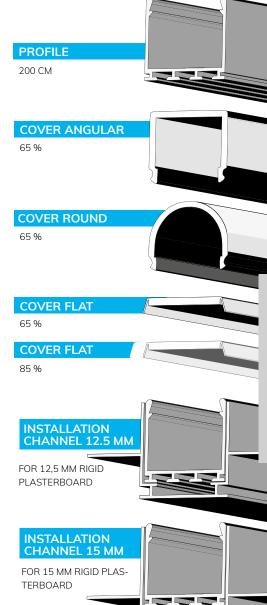
INSTALLATION CHANNEL

INSTALLATION CHANNEL

2 m | 12, 5 mm 112334 2 m | 15 mm 112589

ACCESSORIES Installationclip







WING20 MINI FLANGE STRAIGHT

LED surface mounted profile

SILVER



max. 20 mm







Cooling mass: 522 g / m | This high-quality aluminium profile is designed for installation in suspended ceilings/ walls and for LED flex stripes with a width of max. 20 mm. The lateral wings (flange) are used for a clean transition between the light strip and the plasterboard. Compatible installation channels are available for plasterboards with 12.5 mm and 15 mm.



PROFILE

200 CM

65 %

Installation spring 112270

COVERS

2 m 111742

2 m 111741

COVER FLAT

COVER ROUND

65 % | opal/satinised

COVER ANGULAR

65 % | opal/satinised

PROFILE 2 m 112336

CONNECTOR

90 ° horizontal 112549

90 ° vertical 112552 180° 112551

135 ° horizontal 112550

135° vertical 112553



COVER FLAT

COVER FLAT

85 %

65 %

65 % | opal/satinised

2 m 112268

INSTALLATION CHANNEL 12.5 MM

FOR 12.5 MM RIGID PLASTERBOARD

COVER FLAT 85% | clear

2 m 112267



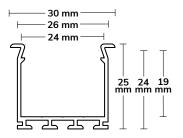
FOR 15 MM RIGID **PLASTERBOARD**

INSTALLATION CHANNEL

INSTALLATION CHANNEL

2 m | 12, 5 mm 112334 2 m | 15 mm 112589

ACCESSORIES Installationclip





WING20 FLANGE STRAIGHT

LED profiles recessed

SILVER









Cooling mass: 307 g / m | The WING20 with lateral, straight flange can be installed in combination with installation channels for plasterboard plates with 12.5 mm and 15 mm. High-quality connectors enable professional installation of complex lighting solutions with LED light bars. Flat and high covers available; excellent heat dissipation!



PROFILE

2 m 112264

Installation spring 112270

CONNECTOR

90 ° horizontal 112549

90 ° vertical 112552

180° 112551

135 ° horizontal 112550

135° vertical 112553

COVERS

COVER SQUARE

65 % | opal/satinised

2 m 111742

COVER ROUND

65 % | opal/satinised

2 m 111741

COVER FLAT

65 % | opal/satinised

2 m 112268

END CAPS

COVER flat | PVC

112271

COVER FLAT

85% | clear

END CAPS

COVER flat | PVC

2 m 112267

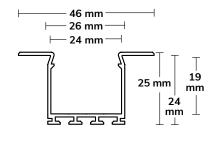
112271

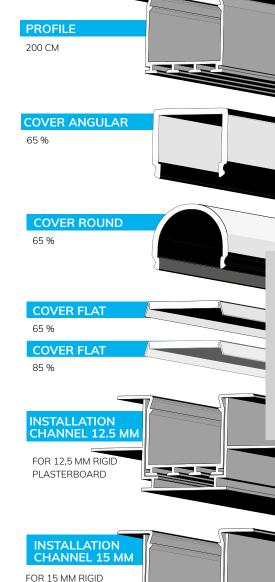
INSTALLATION CHANNEL

INSTALLATION CHANNEL

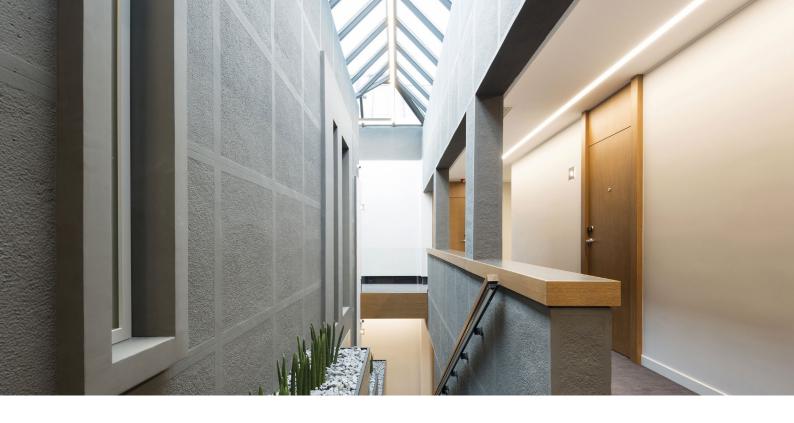
2 m | 12, 5 mm 112334 2 m | 15 mm 112589

ACCESSORIES Installationclip

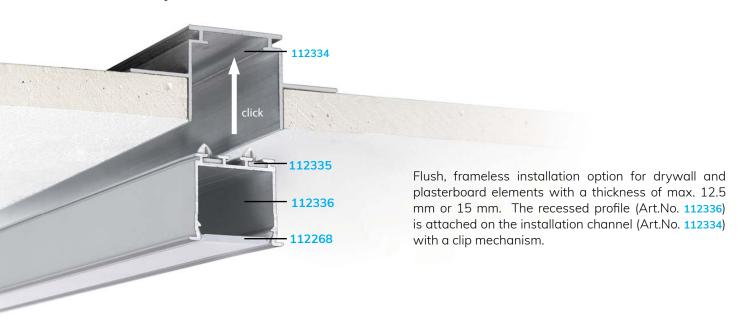




PLASTERBOARD

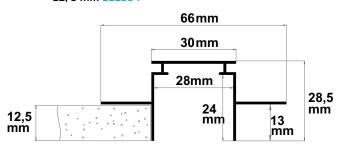


WING20Assembly instruction for installation channel

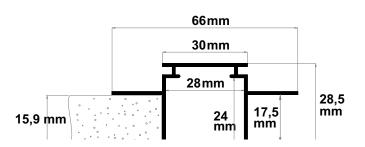


INSTALLATION CHANNEL

12, 5 mm 112334

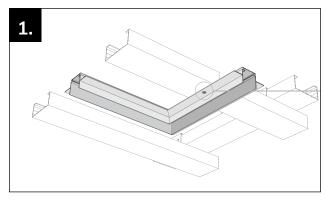


15 mm 112589

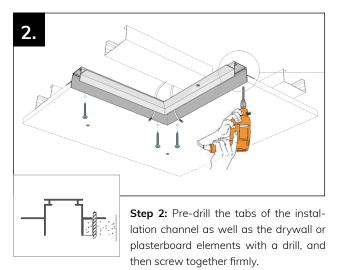


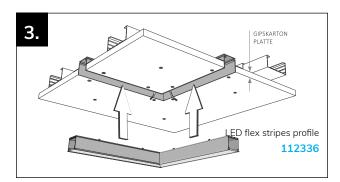


Precise light lines with ISOLED® profiles



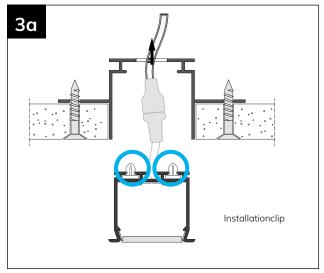
Step 1: The installation channel is screwed at the side tabs to the sub-construction of the ceiling. Tip: Slightly countersink the pre-drilled holes so that the screws lie flush with the installation channel.

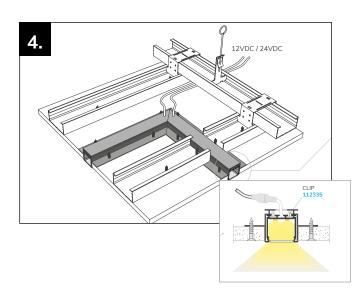




Step 3: Insert two installation clips (Item no. **112336**) per meter on the back of the LED flex stripe in the installation channel and then press the profile into the installation channel.

Comment: Make sure that all installation clips engage (listen for the click).









LED PROFILES

Surface/Recessed-mounting profiles from 22 mm Flex stripe width





SURF24 FLAT

LED surface mounted profile

SILVER WHITE RAL 9010 BLACK RAL 9005







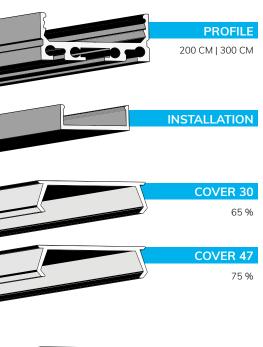


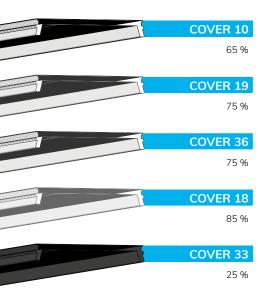


CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED **ALUMINIUM PROFILES**

Up to 6 m | RAL colors

Cooling mass: 225 g/m | The surface-mounting profile SURF24 FLAT is for LED flex stripes with a total of max. 24 mm. Depending on the visual task, different flexstrips can be glued in. It is very flat, which means the distance between LED flex strip and cover is sufficiently small to integrate the LED touch dimmer (see accessories). Twelve different covers are available.





PROFILE

2 m 112852 3 m 115560

2 m 113182

2 m 113183

MOUNTING CLAMP

2 m 113640 10 cm 113641

CONNECTOR

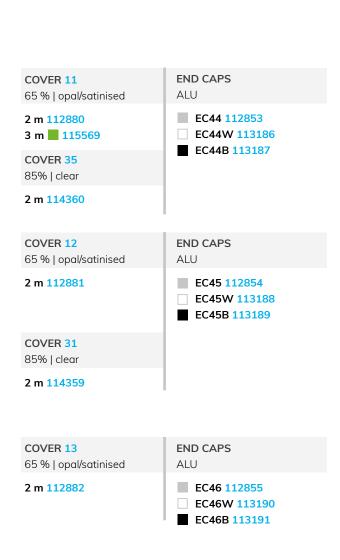
90° 115925 180° 115924

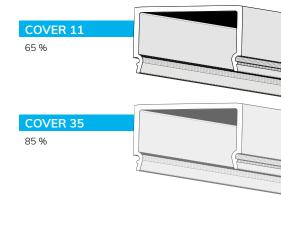
MOUNTING CLAMP 114382

COVER 30 65 % opal/satinised	END CAPS ALU
2 m 114368 3 m 115561	■ EC43 112851 □ EC43W 113184 ■ EC43B 113185
COVER 47 75 % white matt 2 m 114746	

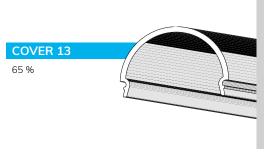
COVER 10 65 % opal/satinised	END CAPS ALU
2 m 112879 6 m 113647	EC43 112851 EC43W 113184
COVER 19 75 % frosted	EC43B 113185
2 m 113643	
COVER 36 75 % white matt	
2 m 114385	
COVER 18 85% clear	
2 m 113642	
COVER 33 25 % black/matt	
2 m 114364 6 m 114365	

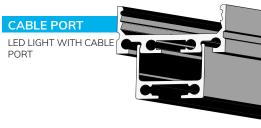












LED LIGHT | LED PENDANT LIGHT

CABLE PORT

2 m 112528

2 m 113180

2 m 113181

CONNECTOR **90° 113433**

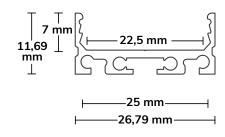
90° 113433 180° 113432 ACCESSORIES Installation spring 115878 Joint gripper 112540

Cable suspension

112539

114384

114383





DIVE24 FLAT

LED profiles recessed

SILVER



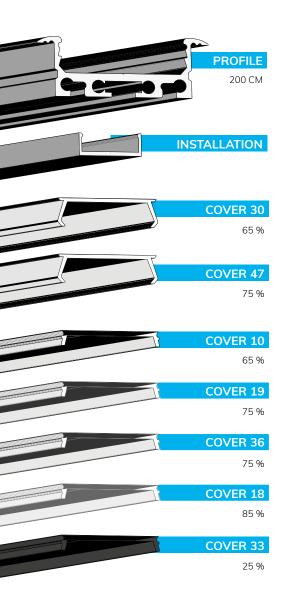
max. 24 mm



CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 236 g / m | The recessed-mounting profile DIVE24 FLAT can be fitted with eleven different PC covers. With the high cover (opal/satinised with 65% translucence) it is ideal for the installation of powerful LED flex stripes. Due to the large distance between LED and cover, no light dots are visible, only a light line. Twelve different covers are available.



PROFILE 2 m 112856

MOUNTING CLAMP 2 m 113640 10 cm 113641 CONNECTOR 90° 115925 180° 115924

MOUNTING CLAMP 114382

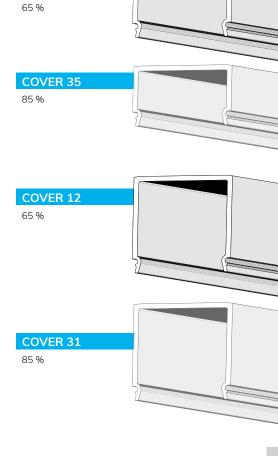
COVERS & END CAPS	
COVER 30 65 % opal/satinised	END CAPS ALU
2 m 114368 3 m 115561	EC43 112851
COVER 47 75 % white matt	
2 m 114746	

22277 13	
COVER 10 65 % opal/satinised	END CAPS ALU
2 m 112879 6 m 113647	EC43 112851
COVER 19 75 % frosted	
2 m 113643	
COVER 36 75 % white matt	
2 m 114385	
COVER 18 85% clear	
2 m 113642	
Cover 33 25 % black/matt	
2 m 114364 6 m 114365	

COVER 11







LED LIGHT | LED PENDANT LIGHT

CABLE PORT

COVER 13

2 m 112882

65 % | opal/satinised

2 m 112528

CONNECTOR 90° 113433 180° 113432

END CAPS

EC46 112855

ALU

ACCESSORIES

Installation spring 115878

CABLE PORT

LED LIGHT WITH CABLE PORT

11,7 7mm

— 22,5 mm

— 10,5 mm

— 25 mm
— 26,80 mm
— 33,67 mm
— 33,67 mm

COVER 13

65 %



SURF24

LED surface mounted profile

SILVER WHITE RAL 9010 BLACK RAL 9005







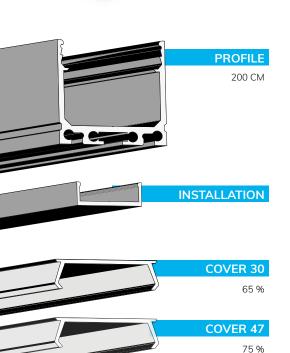


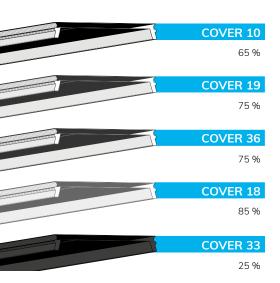


CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 334 g/m | The surface-mounting profile SURF24 can be combined with the cable lock TUNNEL item no. **112528** and can be mounted on the ceiling as a LED pendant (with cable suspension or mounting springs - joint grippers available for sloping ceilings). Eleven different covers are available.





PROFILE

2 m 112858

2 m 113192

2 m 113193

MOUNTING CLAMP
2 m 113640 10 cm 113641

CONNECTOR

90° 115925 180° 115924

MOUNTING CLAMP 114382

COVER 30 65 % opal/satinised	END CAPS ALU
2 m 114368 3 m 115561	■ EC47 112857 □ EC47W 113194 ■ EC47B 113195
COVER 47 75 % white matt	_
2 m 114746	

COVER 10 65 % opal/satinised	END CAPS ALU
2 m 112879 6 m 113647	■ EC47 112857 □ EC47W 113194
COVER 19 75 % frosted	EC47B 113195
2 m 113643	
COVER 36 75 % white matt	
2 m 114385	
COVER 18 85% clear	
2 m 113642	
Cover 33 25 % black/matt	
2 m 114364 6 m 114365	





COVER 12 65 % opal/satinised	END CAPS ALU
2 m 112881	EC49 112861 ☐ EC49W 113198 ☐ EC49B 113199
COVER 31 85% clear	
2 m 114359	

COVER 13 65 % opal/satinised	END CAPS ALU
2 m 112882	EC50 112862 EC50W 113200 EC50B 113201

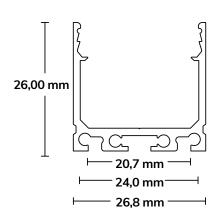
LED LIGHT | LED PENDANT LIGHT

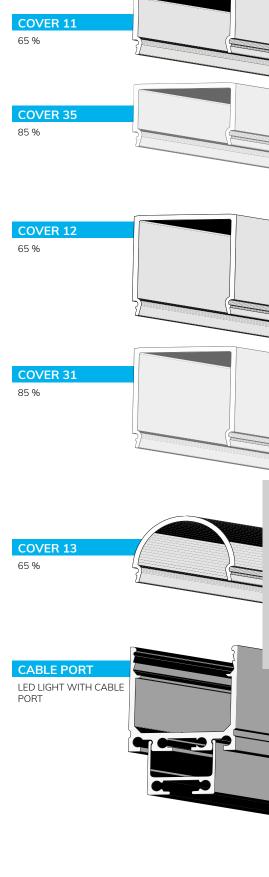
CABLE PORT 2 m 112528 2 m 113180 2 m 113181

CONNECTOR 90° 113433 180° 113432

ACCESSORIES Installation spring 115878 Joint gripper 112540 Cable suspension

112539 **114384** 114383







DIVE24

LED profiles recessed

SILVER WHITE RAL 9010 BLACK RAL 9005





COVER 18 85 %

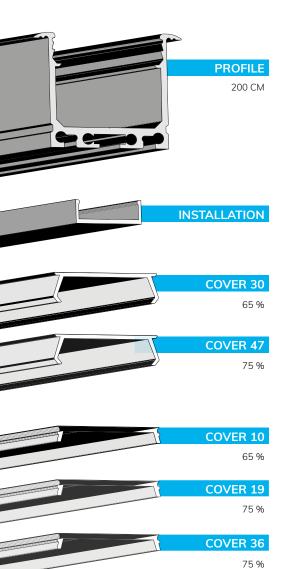
25 %



CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 352 g / m | The recessed-mounting profile DIVE24 is fixed to the suspended ceilings/walls with installation springs. In combination with the cable port TUNNEL (Item no. 112528, it can be mounted as an independent hanging lamp via cable suspension (joint gripper available for sloping ceilings). The covers are clicked in on the inside. Twelve different covers are available.



306

PROFILE

2 m 112863

2 m 114487

2 m 114784

MOUNTING CLAMP
2 m 113640 10 cm 113641
CONNECTOR

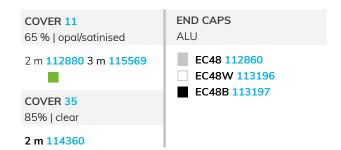
90° 115925 180° 115924

MOUNTING CLAMP 114382

COVERS & END CAPS	
COVER 30 65 % opal/satinised	END CAPS ALU
2 m 114368 3 m 115561	■ EC47 112857 □ EC47W 113194 ■ EC47B 113195
COVER 47 75 % white matt	_
2 m 114746	

COVER 10 65 % opal/satinised	END CAPS ALU
2 m 112879 6 m 113647	EC47 112857 EC47W 113194
COVER 19 75 % frosted	EC47B 113195
2 m 113643	
COVER 36 75 % white matt	
2 m 114385	
COVER 18 85% clear	
2 m 113642	
Cover 33 25 % black/matt	
2 m 114364 6 m 114365	





COVER 12 65 % opal/satinised	END CAPS ALU
2 m 112881	EC49 112861
COVER 31 85% clear	
2 m 114359	

COVER 13 65 % opal/satinised	END CAPS COVER 13 ALU
2 m 112882	EC50 112862

LED LIGHT | LED PENDANT LIGHT

CABLE PORT

2 m 112528

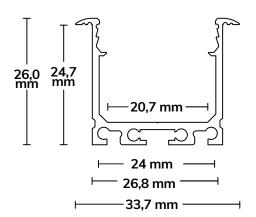
2 m 113180

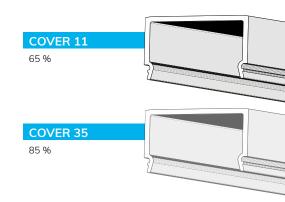
2 m 113181

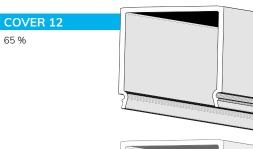
CONNECTOR **90° 113433**

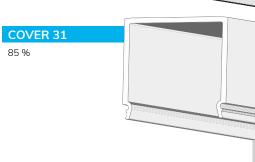
180° 113432

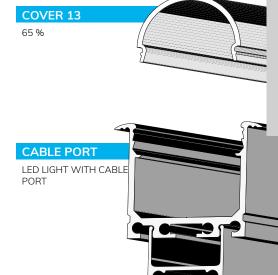
ACCESSORIES
Installation spring 115878
Joint gripper 112540









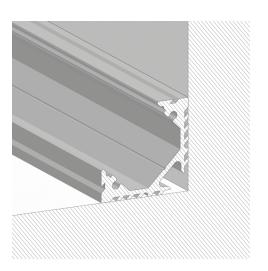






LED PROFILES

Corner profiles





CORNER10 PAGE 310



CORNER10 SLIM PAGE 311



CORNER11N PAGE 312



CORNER11



CORNER12 PAGE 315



CORNER12 BORDERLESS PAGE 314



CORNER13 PAGE 316



CORNER20 PAGE 337



CORNER22 PAGE 317



CORNER10 LED mounting profile

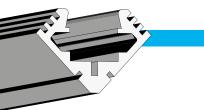
SILVER



max. 10 mm



Cooling mass: 344 g / m | The LED MOUNTING PROFILE CORNER10 is a build-up profile and can be equipped with LED flex stripes with a max. width of 10 mm. Covers in four different designs are available, which are clicked on inside and connect flush. Special feature: swiveling mounting bracket available - for subsequent alignment of the light cone!



PROFILE

200 CM

PROFILE

2 m 111364

INSTALLATIONCLIP 111388 SWIVELING MOUNTING BRACKETS 111586

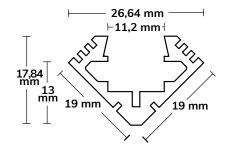


COVER MILKY SMOOTH

75 %

COVER WHITE 65 %

> **COVER LINEAR LENS** CLEAR | 85%



COVERS & END CAPS

2 m 112349

COVER LINEAR LENS 85% | clear linear lens

2 m 111739

COVER CLEAR END CAPS 85% | clear COVER clear | PVC 2 m 111369 111384 | Cable 111385 **COVER MILKY** SMOOTH 75% | milky smooth 2 m 111368 COVER WHITE 65 % | white



CORNER10 SLIM

LED corner profile

SILVER



CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 57 g/m | The CORNER10 is a LED corner profile for flex stripes with max. 10 mm width. The cover (opal/satinised with 65% translucency) provides a homogenous light bar (light dots no longer perceptible - depends on the power values of the LEDs) and after installation the linear LED light line remains visible.

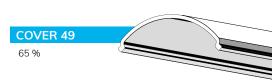


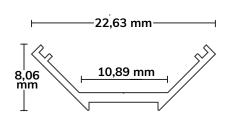
PROFILE

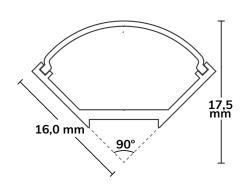
2 m 114779 3 m 115554 **MOUNTING CLAMP 114948**



COVER 49	END CAPS
65 % opal/satinised	PVC
2 m 114748 3 m 115564	EC87 114773 Cable EC88 114774









CORNER 11N

LED corner profile

SILVER WHITE RAL 9010 BLACK RAL 9005



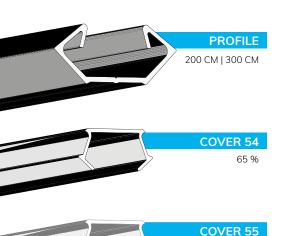


85 %

CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 129 g / m | The CORNER11N is a classic LED corner profile for flexible strips with a maximum width of 11 mm (surface installation with mounting brackets). This aluminium profile is also available in white and black and can be fitted with a flat cover in either clear (85% translucency) or opal/satinised (65%). Mounting in furniture possible.



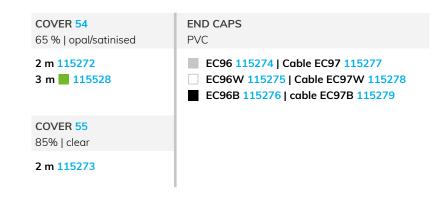
PROFILE

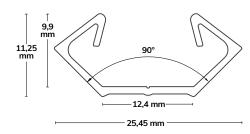
2 m 115269

3 m 115527 2 m 115270

2 m 115271

MOUNTING CLAMP 112796







LED corner profile

■ SILVER □ WHITE RAL 9010 ■ BLACK RAL 9005





CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 207 g/m | The CORNER11 is a classic LED corner profile for flex strips with max. 11 mm width (surface-mounted installation with mounting brackets). This aluminium profile is also available in white and black and can be fitted with a flat cover in either clear (85 % translucency) or opal/satinised (65 %). Mounting in furniture possible.



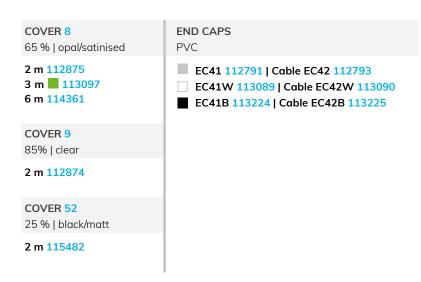
PROFILE

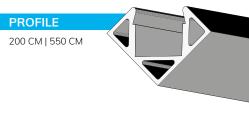
2 m 112797

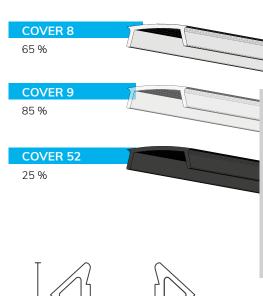
2 m 113082

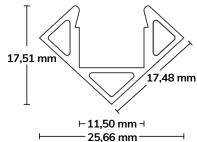
2 m 113172

MOUNTING CLAMP 112796











CORNER 12 BORDERLESS

LED corner profile

SILVER







CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

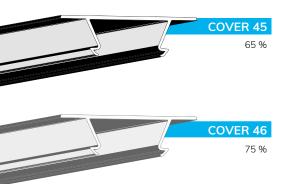
Up to 6 m | RAL colors

Cooling mass: 107 g/m | The CORNER12 profile is designed for LED flex strips with a maximum width of 12 mm and is used universally indoors. The cover is available in opal/satinised (65 % translucency) or clear (85 % translucency). It completely covers the aluminium profile on the top side, so only the LED light strip is visible.

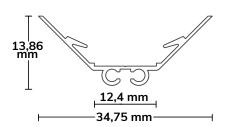


PROFILE

2 m 114786



COVER 45 65 % opal/satinised	END CAPS Aluminium
05 70 Opal/satiriisea	Aluminam
2 m 114744	EC84 114770
COVER 46	
75 % white/matt	
2 m 114745	





LED corner profile

SILVER







CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

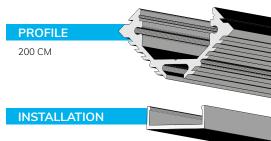
Cooling mass: 320 g/m | The CORNER12 is designed for more powerful LED flex stripes. The corrugation on the outside enlarges the surface of the profile and works like heat-dissipating cooling fins. In combination with the cable port TUNNEL (Item no. 112528) the profile can be installed as a hanging light with cable suspension. Joint grippers are used for sloping roofs.

PROFILE

2 m 112846

MOUNTING CLAMP 112535 115265 115264

CONNECTOR 90° 114381 180° 114380 MOUNTING BAR 2 m 113640 10 cm 113641



COVERS & END CAPS

COVER 7

65 % | opal/satinised

2 m 112871

END CAPS COVER 7 | PVC

EC31 112847 | cable EC32 112845

COVER 7

65 %

LED LIGHT | LED PENDANT LIGHT

CABLE PORT

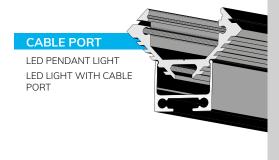
2 m 112528

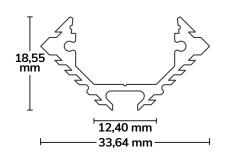
CONNECTOR 90° 113433 180° 113432

END CAP EC33 ALU 112819

ACCESSORIES Installation spring 115878 Joint gripper 112540 Cable suspension 112539

114384 114383







LED corner profile

□ WHITE





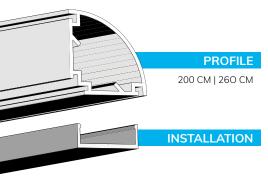


CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED **ALUMINIUM PROFILES**

Up to 6 m | RAL colors

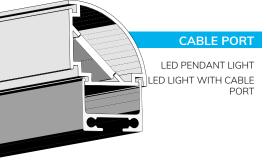
Cooling mass: 77 g/m | LED flex stripes (max. 13 mm) are glued to the narrower top of the aluminium cooling strip item no. 112433. The cooling strip is then inserted into the guide of the cover. Designed for strong LEDs - homogenous lines of light (translucency 65%).

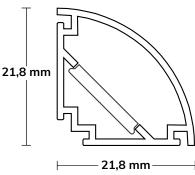
IMPORTANT: seal with silicone in wet and outdoor areas!



COVER PROFILE

COOLING STRIP | 65 %





PROFILE

CORNER PROFILE

2 m 113650 2,6 m 113651

COOLING STRIP

2 m 112433

MOUNTING CLAMP

2 m 113640 10 cm 113641

END CAPS

END CAPS CORNER13

COVER + COOLING STRIPS | silicone

EC67 113638 | Cable EC68 113639

IMPORTANT INFORMATION:

The use in wet cells or outdoors is possible only in sealed form. Special protection against moisture and water is provided by silicone, which is applied to the joints for sealing purposes.

When selecting the LED flex stripe, make sure that the protection class specified by the manufacturer (at least IP65) is maintained.



LED corner profile

SILVER





Cooling mass: 420 g / m | Thanks to its four-part design, the Corner22 profile with 45° light guiding angle can be be installed simple and easy into square corners. First, the mounting strip on the reverse side is screwed or stuck into the corner, then the flex strip is stuck into the degreased front profile rail, and then the cover is fixed as well as the installation clips slid behind into the profile rail. Now the front cooling profile can be anchored in the corner by simply clipping into the preassembled installation frame. Optional end caps complete the overall look.



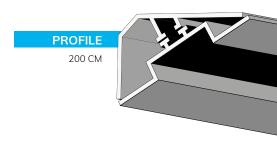
PROFILE

2 m 113915

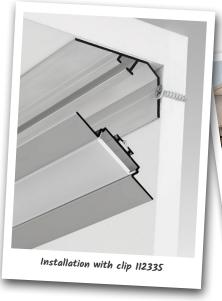
INSTALLATIONCLIP 112335

COVER FLAT 65 % opal/satinised	END CAPS COVER flat PVC
2 m 112268	Right: 113916 Left: 113917

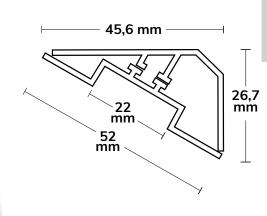
COVER FLAT	END CAPS
85% clear	COVER flat PVC
2 m 112267	Right: 113916 Left: 113917









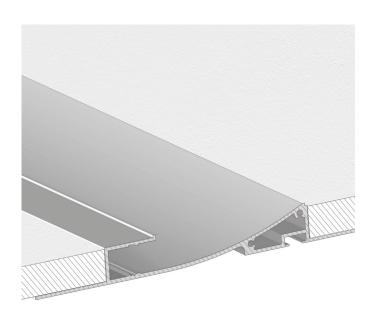






LED PROFILES

Dry wall profiles





SHADOW GAP 8 PAGE 320



SHADOW GAP 40 & 80 PAGE 321



FINISH PAGE 322



T-PROFILE 12 PAGE 323



T-PROFILE 20 PAGE 324



EXTERNAL CORNER PAGE 327



CEILING 21 PAGE 328



INTERNAL CORNER PAGE 326



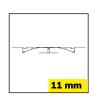
T-PROFILE 12 PAGE 330



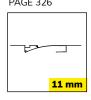
S-PROFILE 12 PAGE 331



PLANAR PAGE 332



DOUBLE CURVE PAGE 333



SINGLE CURVE PAGE 334



SHADOW GAP 8

LED dry wall profile

SILVER

BLACK RAL 9005

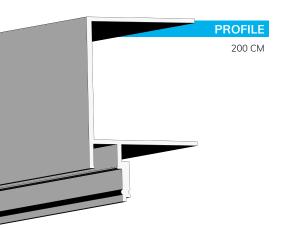




CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 327 g / m \mid Innovative profile series and a perfect match to sustainable lighting solutions in dry construction. Depending on the choice of LED flex stripes for lighting in living rooms, guest rooms and recreation rooms. Can be integrated into the frame construction for suspended ceilings. Plasterboard can be inserted directly into the guide on the profile.



PROFILE

2 m 113837

2 m 113911

COVER

COVER 24

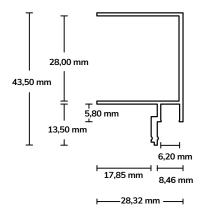
65 % | opal/satinised

2 m 113648

6 m 113649



COVER24 65 %



SHADOW GAP 80

SHADOW

GAP 40



SHADOW GAP 40/80 LED dry wall profile

SILVER \

WHITE RAL 9003



CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass - SHADOW GAP 40: 433 g/m | Cooling mass - SHADOW GAP 80: 600 g/m Innovative profile series and perfectly matched to sustainable lighting concepts in dry construction. Depending on the choice of LED flex stripes for the staging of living rooms, guest rooms and recreation rooms or as indirect room lighting for different visual tasks. Ideal for the realisation of professional cove lighting solutions. Fast and uncomplicated assembly - filling or plastering possible!

PROFILE - SHADOW GAP 40

2 m 113825

3 m 115533

2 m 114105

3 m 115542

PROFILE - SHADOW GAP 80

2 m 113826

2 m 114106

COVER

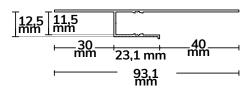
COVER 27

65 % | opal/satinised

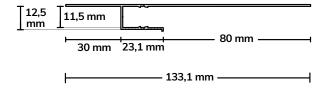
2 m 113832

3 m 115565

PROFILE - SHADOW GAP 40



PROFILE - SHADOW GAP 80



SHADOW GAP 80 200 CM

COVER 27



FINISH LED dry wall profile

SILVER



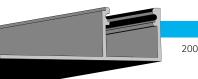


CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 139 g/m | The drywall FINISH profile is fitted behind the plasterboards. It can be seen as a corner protection profile that is fitted with an LED flex strip - indirect ceiling or wall lighting. Opal/satinised, black/matt or clear covers are optionally available for homogeneous light lines.





PROFILE

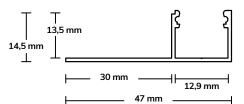
200 CM | 300 CM





COVERS

COVER 1 65 % opal/satinised	END CAPS PETG
2 m 112867 2,5 m 113095 3 m 115573 6 m 113644	EC210 114959 Cable EC211 114960
COVER 2 85% clear	END CAPS PETG
2 m 112866 2,5 m 115687 3 m 115688	EC210 114959 Cable EC211 114960
COVER 32 25 % black/matt	END CAPS PETG
2 m 114362	EC210 114959 Cable EC211 114960



3 m 115570 6 m 114363

5 m 114103





After installing the profile, the protective cover is clicked into the alu profile for protection. The protective cover withstands the pressure during filling/plastering or painting. It prevents filler, adhesive, sealing compound, silicone or paint entering the interior. After this, the protective cover is removed, cleaned and can be reused many times. Finally, the cover (PC) can be inserted in the profile.



T-PROFILE 12

LED dry wall profile

SILVER



CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 283 g/m | This high-quality drywall profile is fixed and plastered between

the plasterboards - horizontal and vertical possible. The polycarbonate cover closes flush - the aluminium of the profile is no longer visible.



PROFILE

2 m 113838

3 m 115538

COVERS

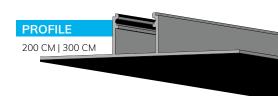
COVER 1 65 % opal/satinised	END CAPS PVC
2 m 112867 2,5 m 113095 3 m 115573 6 m 113644	EC208 114957 cable EC209 114958
COVER 2 85% clear	END CAPS PVC
2 m 112866 2,5 m 115687 3 m 115688	EC208 114957 cable EC209 114958
COVER 32 25 % black/matt	END CAPS PVC
2 m 114362 3 m 115570 6 m 114363	EC208 114957 cable EC209 114958

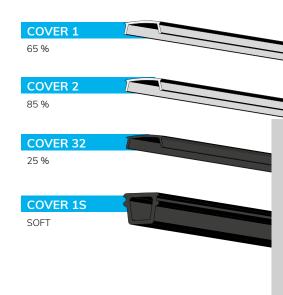
PROTECTION COVER
1S
SOFT

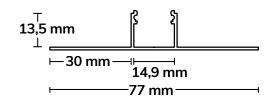
5 m 114103

After installing the profile, the protective cover is clicked into the alu profile for protection. The protective cover withstands the pressure during filling/plastering or painting. It prevents filler, adhesive, sealing compound, silicone or paint entering the interior. After this, the protective cover is removed, cleaned and can be reused many times. Finally, the cover (PC) can be inserted in the profile.











T-PROFILE 20

LED dry wall profile

SILVER

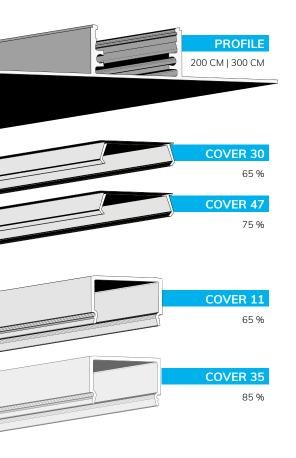




CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 383 g/m | Due to the large selection of PC covers, this profile system can be used in many different ways. Standard in the product range: flat, round and high covers in opal/satinised or clear (translucency 65%/85%). The low internal height of the profile (13.50 mm) increases the beam angle of the LED flex stripe.



PROFILE 2 m 113828 3 m 115535

COVER 30 65 % opal/satinised	END CAPS COVER 30 and 47 ALU
2 m 114368 3 m 115561	■ EC43 112851□ EC43W 113184■ EC43B 113185
COVER 47 75 % white matt	_
2 m 114746	

COVER 11 65 % opal/satinised	END CAPS COVER 11 + 35 ALU
2 m 112880 3 m 115569	■ EC44 112853 □ EC44W 113186 ■ EC44B 113187
COVER 35 85% clear	
2 m 114360	





COVER 13
65 % | opal/satinised

2 m 112882

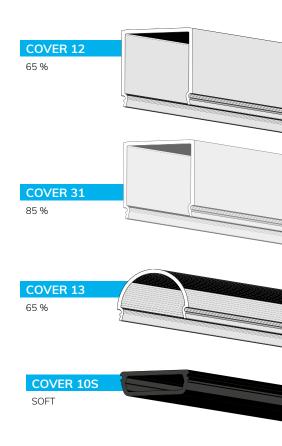
END CAPS
COVER 13 | ALU

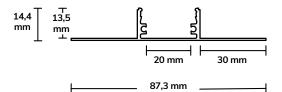
EC46 112855
EC46W 113190
EC46B 113191

PROTECTION COVER 10S SOFT

5 m 114104









INSIDE CORNER | INTERNAL CORNER

LED dry wall profile

SILVER



max.

14 mm

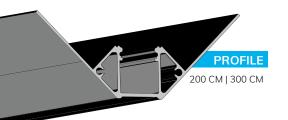


CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 471 g/m | The drywall profile internal corner is placed under the plasterboards and filled (wings on side 30 mm each). Flat covers are available in opal/satinised (65% translucency), clear (85%) and black/matt (25%). All covers are flush and cover the profile - the linear light line remains visible.







2 m 113829 3 m 115536



COVERS

COVER 1 65 % opal/satinised	END CAPS PETG
2 m 112867 2,5 m 113095 3 m 115573 6 m 113644	EC214 114963 Cable EC215 114964
COVER 2 85% clear	END CAPS PETG
2 m 112866 2,5 m 115687 3 m 115688	EC214 114963 Cable EC215 114964
COVER 32 25 % black/matt	END CAPS PETG
2 m 114362	EC214 114963 Cable EC215 114964

2 m 114362 3 m 115570

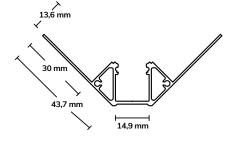
6 m 114363

EC214 114963 | Cable EC215 114964

PROTECTION COVER

SOFT

5 m 114103







EXTERNAL CORNER

LED dry wall profile

SILVER





CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 344 g/m | The covers close flush and cover the aluminium of the profile. You only notice

the light line. Due to the larger inner distance between LED flex stripes and

cover, strong LEDs can be used without sacrificing homogeneity.



PROFILE

2 m 113830 3 m 115537

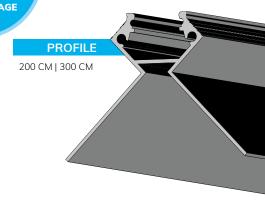
COVERS

3 m 115570 6 m 114363

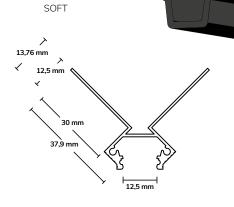
COVER 1 65 % opal/satinised	END CAPS PETG
2 m 112867 2,5 m 113095 3 m 115573 6 m 113644	EC216 114965 Cable EC217 114966
COVER 2 85% clear	END CAPS PETG
2 m 112866 2,5 m 115687 3 m 115688	EC216 114965 Cable EC217 114966
COVER 32 25 % black/matt	END CAPS PETG
2 m <u>114362</u>	EC216 114965 Cable EC217 114966

After installing the profile, the protective cover is clicked into the alu profile for protection. The protective cover withstands the pressure during filling/plastering or painting. It prevents filler, adhesive, sealing compound, silicone or paint entering the interior. After this, the protective cover is removed, cleaned and can be reused many times. Finally, the cover (PC) can be inserted in the profile.









COVER 1S



CEILING 21

LED dry wall profile

SILVER



CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 544 g/m | The LED recessed profile CEILING 21 has side tabs (plaster surfaces) which can be plastered after installation. In the inside LED flex stripes with a total of 21 mm width can be stuck in - ideal for implementing different light scenarios with a single light strip.





COVER 12

65 % | opal/satinised

2 m 112881

COVER 31

85% | clear

2 m 114359

COVER 13

65 % | opal/satinised

2 m 112882

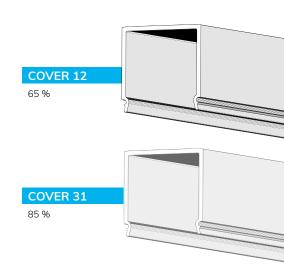
PROTECTION COVER

10S

SOFT

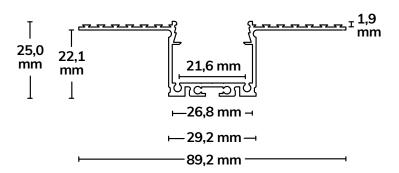
5 m 114104













NEW T-PROFILE 12

LED drywall lights

☐ WHITE RAL 9003 ■ BLACK RAL 9005

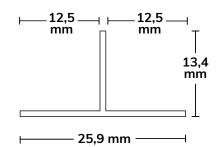


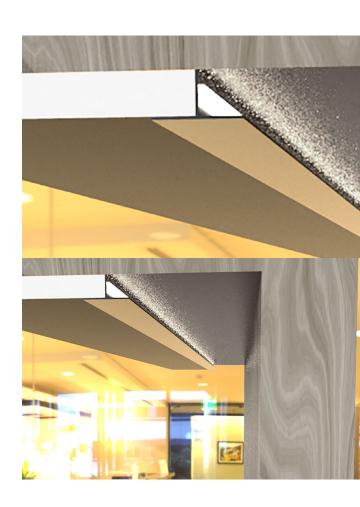
CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED **ALUMINIUM PROFILES**

Up to 6 m | RAL colors

Cooling mass: 94 g/m | A high-quality profile for indirect lighting to finish off drywallpanels. Mounting is possible horizontally and vertically. It is also suitable for mounting on panels of different heights and made of different materials.









S-PROFILE 12

LED drywall lights

☐ WHITE RAL 9003 ■ BLACK RAL 9005



CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED **ALUMINIUM PROFILES**

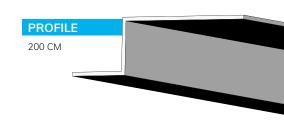
Up to 6 m | RAL colors

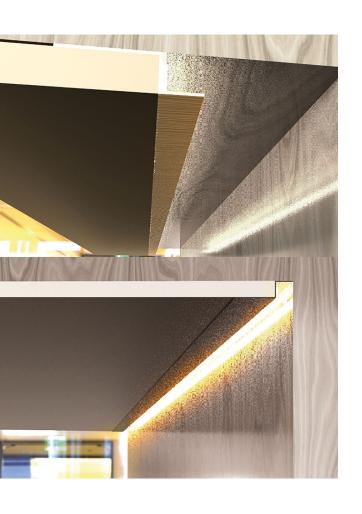
 $\textbf{Cooling mass: 139 g/m |} \ \textbf{A high-quality profile for finishing drywall panels and for shadow}$ gaps. Lighting as an LED wallwasher or flooding walls with direct light is also possible.

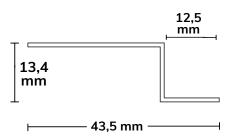


PROFILE

2 m 115839









PLANAR LED drywall lights

SILVER WHITE RAL 9003

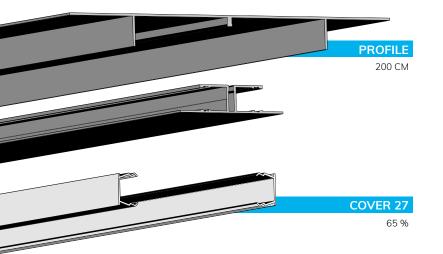
BLACK RAL 9005



CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED **ALUMINIUM PROFILES**

Up to 6 m | RAL colors

Cooling mass: 1013 g/m | Sustainable design luminaire for indirect lighting concepts in dry construction consisting of two lighting components made of high-quality aluminium. The base plate is filled in with the plasterboard. The light construction element can be equipped with two flex stripes (max. 11 mm width). Easy to maintain plug system.



PROFILE

2 m 113893

2 m 114110

2 m 113913

CONNECTOR

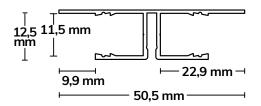
90° 113433 180° 113432

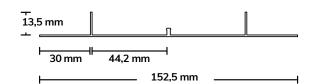
COVER

COVER 27

65 % | opal/satinised

2 m 113832







DOUBLE CURVE

LED drywall lights

■ SILVER □ WHITE RAL 9003 ■ BLACK RAL 9005



CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 1753 g/m | Sustainable design luminaire for indirect lighting concepts in dry construction consisting of two lighting components made of high-quality aluminium. The base plate is filled in with the plasterboard. The light construction element can be equipped with two flex stripes (max. 11 mm width). Easy to maintain plug system.

PROFILE

2 m 113894

2 m 114111

2 m 113914

CONNECTOR

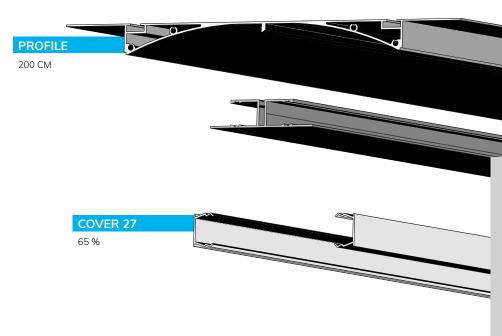
90° 113433 180° 113432

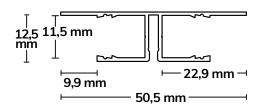
COVER

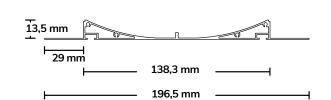
COVER 27

65 % | opal/satinised

2 m 113832









SINGLE CURVE

LED dry wall profile



☐ WHITE RAL 9003 ■ BLACK RAL 9005



Up to 6 m | RAL colors

Cooling mass: 990 g/m | Sustainable design luminaire for indirect lighting concepts in dry construction made of high-quality aluminium. Ideal to use as a wall light. This light component is glued over with an LED flex stripes with max. 11 mm width. Assembly is quick and easy: The profile is filled in with the plasterboard.



200 CM

PROFILE

2 m 113835

2 m 114102

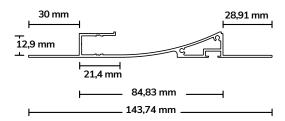
2 m 113910

COVER

COVER 27

65 % | opal/satinised

2 m 113832

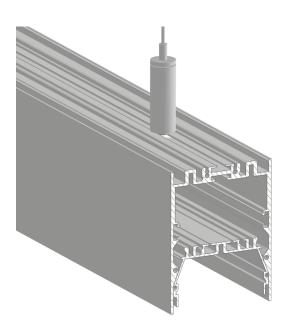






LED PROFILES

Luminaire profiles





CORNER20 PAGE 337



LAMP30 PAGE 336



LAMP40 PAGE 338

LAMP30

LED surface mounted profile

SILVER | POWDER COATED

☐ WHITE RAL 9003 ■ BLACK RAL 9005





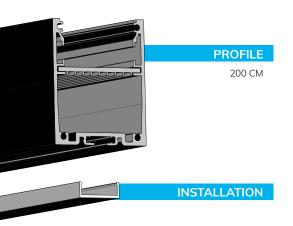




CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED **ALUMINIUM PROFILES**

Up to 6 m | RAL colors

Cooling mass: 1180 g/m | The profile system LAMP30 is designed as a stand-alone LED pendant light and has an integrated cable channel, in which the required LED technology (e.g. sequencer, transformer, etc.) as well as the wiring can be stowed professionally and safely. The opal/satinised cover is clicked in on the inside and closes flush (65% translucency).



PROFILE

2 m 115261

2 m 115262

2 m 115263

MOUNTING CLAMP

2 m 113640 10 cm 113641

CONNECTOR

90° horizontal 114576 90° vertical 114577 180°

114575

cable suspension 112539 Joint gripper 112540



COVERS & END CAPS

COVER 29	END CAPS
65 % opal/satinised	COVER 29 ALU
2 m 113816	EC69 114379 EC69W 113973 EC69B 113814



CABLE PORT

LED PENDANT LIGHT LED LIGHT WITH CABLE PORT

LED LIGHT | LED PENDANT LIGHT

CABLE PORT

2 m 112528

2 m 113180

2 m 113181

CONNECTOR 90° 113433

180° 113432

Joint gripper 112540 Cable suspension

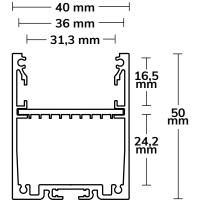
Installation spring 115878

ACCESSORIES

112539

114384

114383





CORNER20N

LED corner profile

SILVER







CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 496 g/m | The profile CORNER20N - for direct mounting on the building structure or with cable suspension (articulated gripper available for sloping ceilings). Covers optionally available square or semi-circular in opal/satinised (65 % translucency).

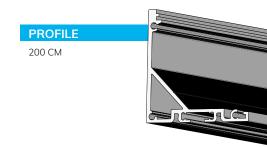


PROFILE

2 m 115280

CONNECTOR

90° 113433 180° 113432



COVERS & END CAPS

COVER 16		
65 % opal/satinised		

2 m 112884

END CAPS COVER 16 | ALU

EC52 112823

COVER 17		
65 % opal/satinised		

65 % | opal/satinis

2 m 112885

END CAPS COVER 17 | ALU

EC55 113226

COVER 16 65 % COVER 17 65 %

40,1

40,1 mm

LED LIGHT | LED PENDANT LIGHT

ACCESSORIES
Joint gripper 112540

Cable suspension

112539

114384

114383



LAMP40

LED luminaire profile

SILVER | POWDER COATED

☐ WHITE RAL 9003

BLACK RAL 9005



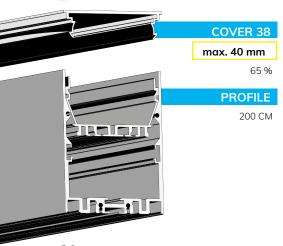




CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 1990 g/m | The LAMP 40 Up&Down profile system is designed as an independent LED pendant luminaire and has an integrated cable duct in which the required LED technology (e.g. sequencer, transformer, etc.) as well as the cabling can be professionally and safely stowed. The opal/satinised cover is clicked into place on the inside and closes flush (65 % translucency).



PROFILE

2 m 114390

2 m 114392

2 m 114391

fall protection

■ 114574

mounting clamp
■ 114596

holding clamp
■ 114573

CONNECTOR

CONNECTOR 90° horizontal 114576 90° vertical 114577 180° 114575

COVER 24 max. 5 mm

65 %

78,9 — 49 mm — 5,75 mm — 55 mm

60 mm-

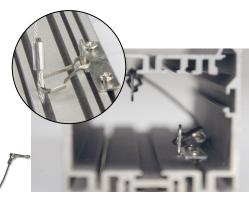
COVERS & END CAPS

COVER 38 65 % opal/satinised	END CAPS ALU
2 m 114396	EC74 114393 EC74W 114395 EC74B 114394
COVER 24 65 % opal/satinised	EC/4B 114594
2 m 113648 6 m 113649	

fuse

To secure the luminaire profile LAMP40, we recommend mounting the fall protection (114574). 2 pieces are enclosed with the profile. The two brackets are attached to the bottom of the housing and to the Luminaire insert with the enclosed screws.

Fall protection 114574





Installation of the luminaire profile

FIXING AND MOUNTING CLAMP

The holding clamp (114573) is used to fix the housing to the luminaire insert (Fig.1/2). 4 pieces are supplied with the profile.

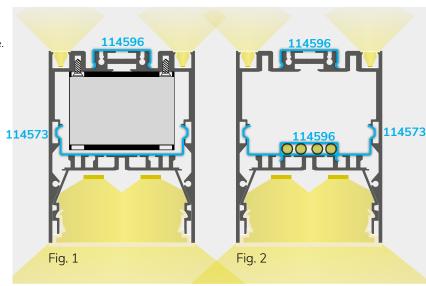


Fixing clamp 114573

The mounting clamp can be used to install the profile (Fig. 1/2) and to stow cables on the Luminaire insert (Fig. 2).



mounting clamp 114596



Connect

Three connectors with 180°, 90° horizontal and 90° vertical are available for the professional connection of the profile. The items are offered in a set of 4 pieces. In the following overviews you will find instructions for the positioning of the connectors and the mounting of different angles.



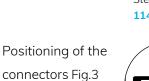
Connector 180° Steel | 4 PCS 114575



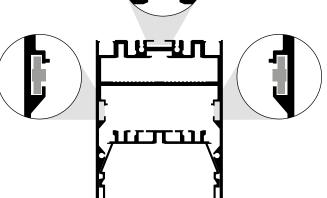
Connector 90° Horizontal Steel | 4 PCS 114576



Connector 90° vertical Steel | 4 PCS 114577









Connector 180 ° - 3 PCS Steel 114575



Connector 90° vertical - 2 PCS Steel 114577

Connector 90 ° horizontal - 1 PCS Steel 114576



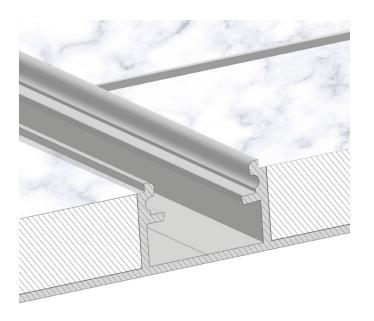
Connector 90° Horizontal - 2 PCS Steel 114576

Connector 90 ° vertical - 1 PCS Steel 114577





LED PROFILES Tile profiles





FINISH PAGE 342



T-PROFILE PAGE 343



INTERNAL CORNER PAGE 344



EXTERNAL CORNER UP8 PAGE 345



PAGE 346



UP10 PAGE 347

IMPORTANT INFORMATION:

The use in wet cells or outdoors is possible only in sealed form. Special protection against moisture and water is provided by silicone, which is applied to the joints for sealing purposes.

When selecting the LED flex stripe, make sure that the protection class specified by the manufacturer (at least IP65) is maintained.



FINISH LED tile profile

SILVER





CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

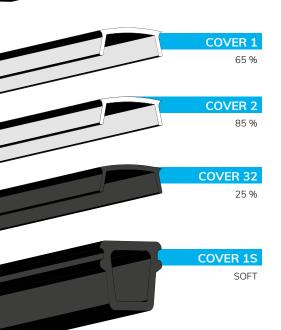
Up to 6 m | RAL colors

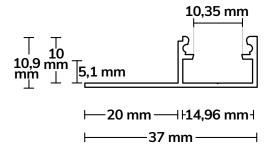
Cooling mass: 140 g/m | This tile profile forms the flush and luminous finish of the tiled surface. The 20 mm wide wing is trowelled to the wall with tile adhesive. Available with opal/satinised (65% translucency), transparent (85%) or black/matt (25%) cover. IMPORTANT: seal

with silicone in wet and outdoor areas!









PROFILE

2 m 113821 2,5 m 113822 3 m 115531

COVERS

	COVERS		
	COVER 1 65 % opal/satinised	END CAPS PETG	
	2 m 112867 2,5 m 113095 3 m 115573 6 m 113644	EC202 114951 Cable EC203 1149	
	COVER 2 85% clear		
	2 m 112866 2,5 m 115687 3 m 115688		
	COVER 32 25 % black/matt		
	2 m 114362 3 m 115570 6 m 114363		
	PROTECTION COVER		

PROTECTION COVER
1S

SOFT

5 m 114103





T-PROFILE

LED tile profile

SILVER



CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 150 g/m | There are 20 mm wide wings on both sides, which are filled with tile adhesive. The tiles are glued over these wings. The profile has a particularly low overall height (11 mm) and with this it fits perfectly into any tiling concept.

IMPORTANT: seal with silicone in wet and outdoor areas!



PROFILE

2 m 113819 2,5 m 113820 3 m 115530

COVERS



END CAPS PETG

EC200 114949 | Cable EC201 114950

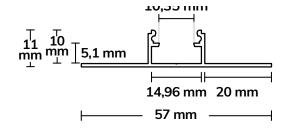
PROFILE 200 CM | 250 CM | 30 CM



PROTECTION COVER 1S
SOFT

5 m 114103







INTERNAL CORNER

LED tile profile

SILVER







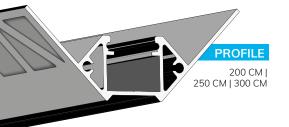
CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 403 g/m | The tile profiles can be integrated very easily into any tiling concept. The 20 mm wide wings of the profile are filled with tile adhesive. The tiles can then be glued flush. Ideal as effect lighting!

IMPORTANT: seal with silicone in wet and outdoor areas!



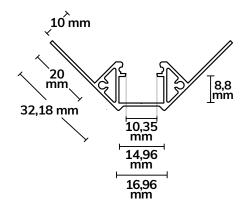












PROFILE

2 m 113817 2,5 m 113818 3 m 115540

COVERS

	COVER 1 65 % opal/satinised	END CAPS PETG	
	2 m 112867 2,5 m 113095 3 m 115573 6 m 113644	EC206 114955 Cable EC207 114956	
	COVER 2 85% clear		
	2 m 112866 2,5 m 115687 3 m 115688		
	COVER 32 25 % black/matt		
	2 m 114362 3 m 115570 6 m 114363		

PROTECTION COVER 1S

SOFT

5 m 114103





EXTERNAL CORNER

LED tile profile

SILVER



CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 224 g/m | Developed and designed for tile concepts - The covers (optionally opal/ satin, clear or black/matt) are flush with the tiles. Aft er filling the wings with

tile adhesive, the tiles can be glued on. Perfect for every tile concept in-& outdoor! IMPORTANT: Seal with silicone in wet and outdoor areas! IMPORTANT: seal with silicone in wet and outdoor areas!





PROFILE

2 m 113823 2,5 m 113824 3 m 115532

COVERS

	COVERS	
	COVER 1 65 % opal/satinised	END CAPS PETG
	2 m 112867 2,5 m 113095 3 m 115573 6 m 113644	EC204 114953 Cable EC205 11495
	COVER 2 85% clear	
	2 m 112866 2,5 m 115687 3 m 115688	
	COVER 32 25 % black/matt	
	2 m 114362 3 m 115570 6 m 114363	

COVER 1
65 %

COVER 2
85 %

COVER 32
25 %

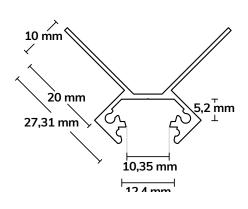
COVER 1S
SOFT

PROTECTION COVER

SOFT

5 m 114103







UP8LED tile profile

SILVER

☐ WHITE RAL 9003

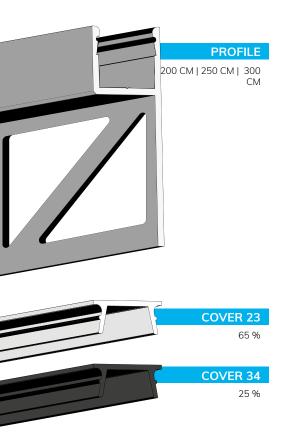




CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 86 g/m | This tile profile forms the flush and illuminated end of the tiled surface and promises a unique light effect. The 20 mm wide wing is filled with tile adhesive on the wall. Optionally with opal/satinised (65% translucence) or black/matt (25% translucence) cover. IMPORTANT: Seal with silicone in wet and outdoor areas!

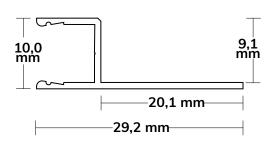


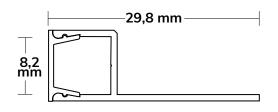
PROFILE

2 m 114820 2,5 m 114821 3 m 115557

2 m 115267

COVER 23 65 % opal/satinised	END CAPS PETG
2 m 113653 6 m 113654	EC218 115858 Cable EC219 115859 EC218W 115862 Cable EC219W 115863
COVER 34 25 % black/matt	
2 m 114366 6 m 114367	







UP10LED tile profile

SILVER

☐ WHITE RAL 9003





CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 129 g/m | This LED tile profile is an excellent solution for creating flowing edge transitions and also ensures harmonious lighting in your rooms. Standard in the product range: flat covers in opal/satinised or black/matt (translucency 65%/25%). IMPORTANT: Seal with silicone in wet and outdoor areas!



PROFILE

2 m 114822

2,5 m 114823

3 m 115558

2 m 115268

3 m 115559

COVERS & END CAPS

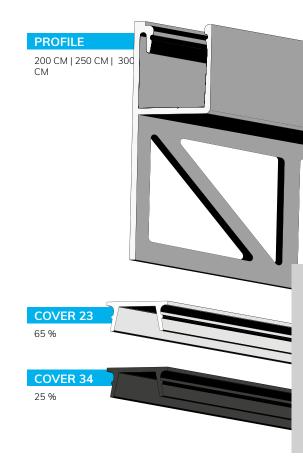
COVER 23
65 % | opal/satinised
2 m 113653
6 m 113654

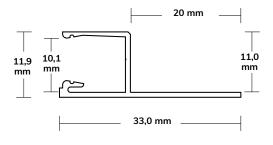
COVER 34
25 % | black/matt
2 m 114366
6 m 114367

END CAPS
PETG

EC220 115860 | Cable EC221 115861

☐ EC220W 115864 | Cable EC221W 115865



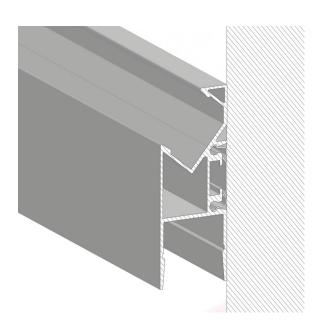






LED PROFILES

Profiles for indirect lighting





2SIDE PAGE 350



BACKLIGHT3 PAGE 351



HIDE SINGLE PAGE 352



HIDE DOUBLE PAGE 353



HIDE TRIANGLE PAGE 354



HIDE ASYNC PAGE 355



HIDE ANGLE PAGE 356



HIDE BOTTOM PAGE 357



2SIDE LED luminaire profile

SILVER | POWDER COATED

☐ WHITE RAL 9003

BLACK RAL 9005

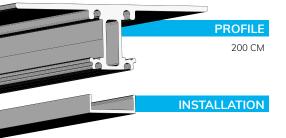




CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 623 g/m | Two LED flex stripes with 12 mm can be glued on the backlight emission in opposite directions. The large surface conducts the heat perfectly - ideal for high-power LEDs! Wall/ ceiling installation & with cable suspension as counterpart light (with the fixing strip item no. 113641).



PROFILE

2 m 114780

□ 2 m 113609

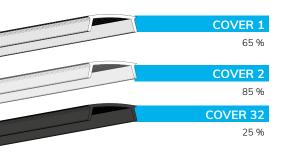
2 m 113608

MOUNTING BAR

2 m 113640 10 cm 113641

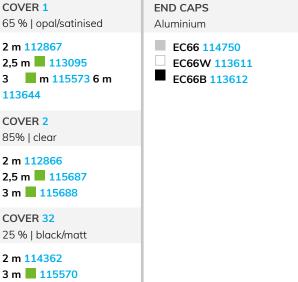
COVERS & END CAPS

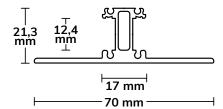
END CAPS ONLY WITH MOUNTING



COVER 2

6 m 114363





CABLE PORT

LED PENDANT LIGHT LED LIGHT WITH CABLE

LED LIGHT | LED PENDANT LIGHT

CABLE PORT

2 m 112528

2 m 113180

2 m 113181

CONNECTOR 90° 113433 180° 113432

ACCESSORIES

Installation spring 115878 Joint gripper 112540

Cable suspension

112539

114384

114383



BACKLIGHT3

LED profiles recessed

SILVER





Cooling mass: 329 g/m | The BACKLIGHT3 is a recessed profile for suspended ceilings/walls and especially suitable as glare-free effect lighting with directed light emission in drywall construction. LED flex strips with a max. width of 13 mm can be glued in. A cover is not necessary.

PROFILE

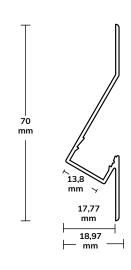
2 m 115282

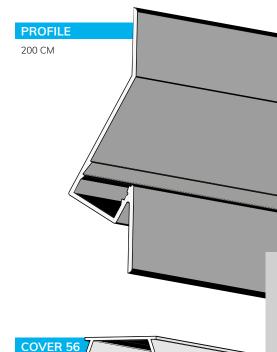
COVERS

COVER 56

65 % | opal/satinised









HIDE SINGLE

LED surface-mounting/luminaire profile

SILVER

☐ WHITE RAL 9003 ■ BLACK RAL 9005







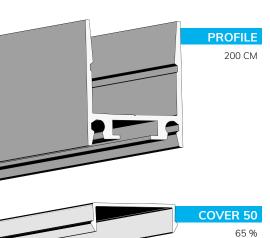


CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED **ALUMINIUM PROFILES**

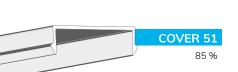
MOUNTING CLAMP 114846

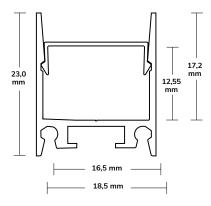
Up to 6 m | RAL colors

Cooling mass: 336 g/m | The Hide Single surface-mounted/luminaire profile can be mounted on the ceiling as an LED pendant luminaire (with wire suspension or mounting springs - joint grippers available for sloping ceilings). LED flex stripes with a maximum width of 16 mm can be attached. A cover in opal/ satin (65% translucence) and clear (85% translucence) is available.









PROFILE

2 m 114797

2 m 114799

2 m 114798

COVER 50 65 % opal/satinised	END CAPS Aluminium
2 m 114824	EC89 114826
COVER 51 85% clear	■ EC89B 114827
2 m 114825	





HIDE DOUBLE

LED surface-mounting/luminaire profile

SILVER

☐ WHITE RAL 9003 ■ BLACK RAL 9005





CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED **ALUMINIUM PROFILES**

Up to 6 m | RAL colors

Cooling mass: 563 g/m | The Hide Double is a surface-mounted luminaire profile which is particularly suitable as a ceiling luminaire. However, it can also be mounted on a straight surface with the help of the mounting bracket and therefore has space for LED flex stripes on both sides. The opal/satin cover is clicked into place on the inside at the side (65% translucence).



PROFILE

2 m 114800

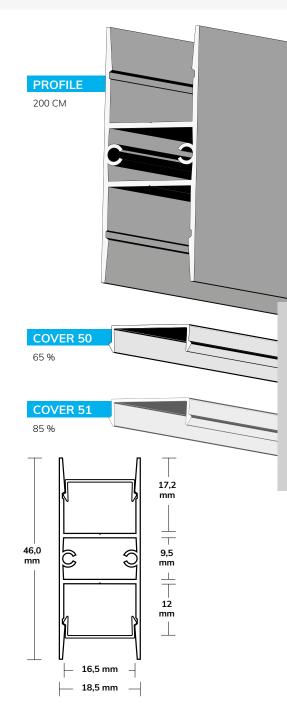
2 m 114802

2 m 114801

MOUNTING CLAMP WALL CONSTRUCTION 114847

COVER 50 65 % opal/satinised	END CAPS Aluminium
2 m 114824	EC90 114829 EC90W 114831
COVER 51 85% clear	■ EC90B 114830
2 m 114825	







HIDE TRIANGLE

LED surface mounted profile

SILVER

☐ WHITE RAL 9003 BLACK RAL 9005





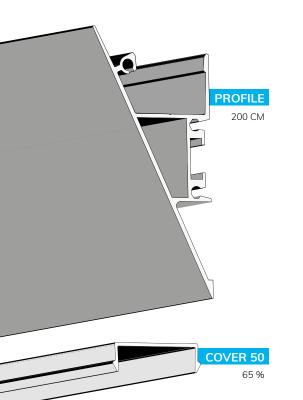


CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

MOUNTING CLAMP 114846

Up to 6 m | RAL colors

Cooling mass: 622 g/m | The Hide Triangle is a construction profile which guarantees perfect floor/ ceiling lighting. With its discreet triangle design it is ideal for decorative purposes. The aluminium profile is available in silver, white and black and fits perfectly into every room.

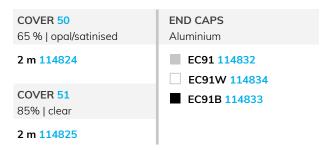


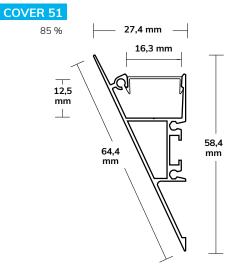
PROFILE

2 m 114803

2 m 114805

2 m 114804









HIDE ASYNC

LED surface mounted profile

SILVER WHITE RAL 9003 BLACK RAL 9005





CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED **ALUMINIUM PROFILES**

Up to 6 m | RAL colors

Cooling mass: 615 g/m | The unusual shape of the Hide Async mounting profile allows 2 LED flex stripes to be mounted on the left and right with a maximum width of 16 mm. This allows straight lighting to the front and 50 degrees to the top. The profile has a height of 50.4 mm and is closed with a cover in opal/satinised (65% translucence) or clear (85% translucence).



PROFILE

2 m 114806

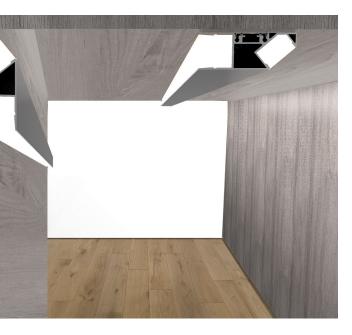
MOUNTING CLAMP 114846

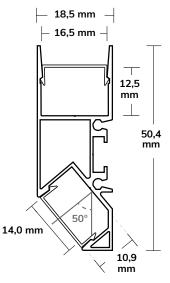
2 m 114808

2 m 114807

COVERS & END CAPS

COVER 50 65 % opal/satinised	END CAPS Aluminium
2 m 114824	EC92 114835
COVER 51 85% clear	■ EC92B 114836
2 m 114825	







PROFILE



HIDE ANGLE

LED corner profile

SILVER WHITE RAL 9003

BLACK RAL 9005



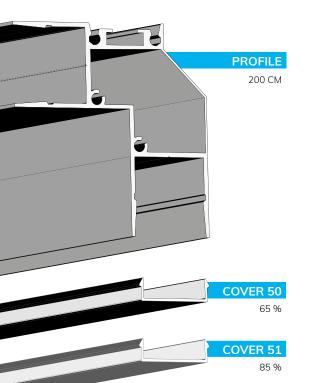


CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

MOUNTING CLAMP 114846

Up to 6 m | RAL colors

Cooling mass: 763 g/m | With the Hide Angle, LED flex strips with max. 16 mm are glued in on both sides independently of each other. It is designed for angular surfaces and is supplied with a cover in opal/satinised (65% translucency) or clear (85% translucency).



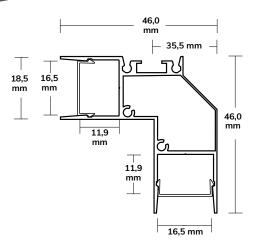
PROFILE

2 m 114809

2 m 114811

2 m 114810

COVER 50 65 % opal/satinised	END CAPS Aluminium
2 m 114824	EC93 114838 EC93W 114840
COVER 51 85% clear	■ EC93B 114839
2 m 114825	







HIDE BOTTOM

LED skirting profile

☐ WHITE RAL 9003 ■ BLACK RAL 9005

max. 12 mm max. 14 mm



CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 971 g/m | The Hide Bottom is an exceptional skirting board profile that provides unique lighting effects through indirect illumination. It can be supplied in black or white with a cover in opal/satinised (65% translucency) or clear (85% translucency).



PROFILE

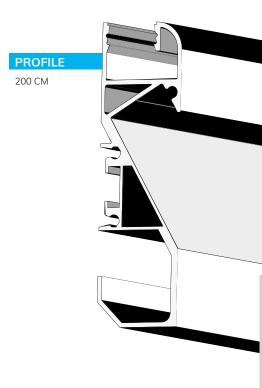
2 m 114812

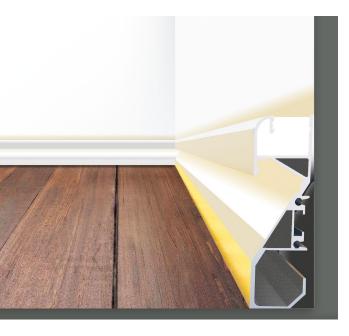
MOUNTING CLAMP 114846

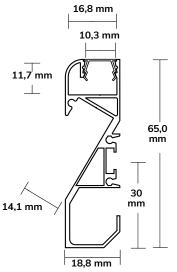
2 m 114813

COVERS & END CAPS

COVER 27 **END CAPS** 65 % | opal/satinised Aluminium C94W 114842 2 m 113832 3 m 115565 EC94B 114841





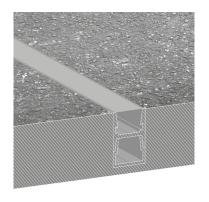






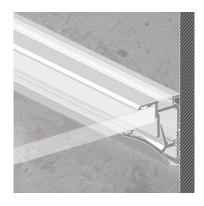
LED PROFILES

Special and flexible profiles

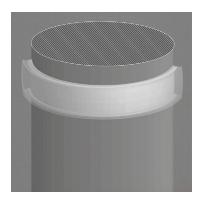


Accessible and drivable profiles

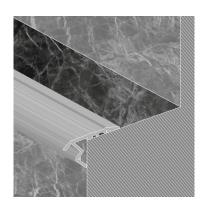
PAGE 360



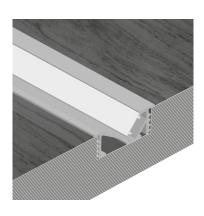
Glass profiles
PAGE 364



Flexible profiles
PAGE 366



Stair profiles
PAGE 369



Furniture profiles
PAGE 370



LED LIGHT STRIPS OUTDOOR

Premium PUR-complete cast

Multilevel complete casting process

In order to be able to operate linear LED lighting concepts safely and trouble-free in wet cells, humid rooms, outdoor areas and especially under water, at least protection class IP67 must be quaranteed.

Absolutely waterproof

We achieve this absolute waterproofness with the complete cast of 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 cable 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



LUMINAIRE

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
ССТ	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

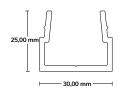
	114854	46,5 cm	114856	96,5 cm
RGB	4,5 W	-	12,0 W	-

MOUNTING RAIL



MOUNTING RAIL MR1

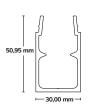
L: 100 cm 112616





MOUNTING RAIL MR2

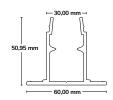
L: 100 cm 112842

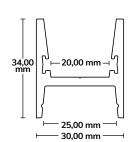


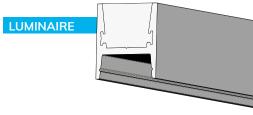


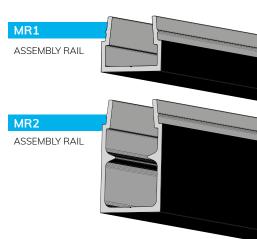
MOUNTING RAIL MR3

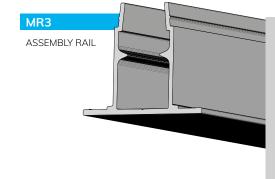
L: 100 cm 112841











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



GROUND-IN12 LED mounting profile

SILVER





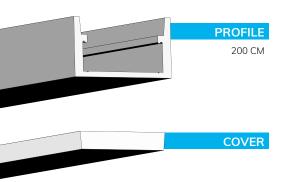




CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 110 g/m | The recessed-mounting profile GROUND-IN10 is made of high-quality aluminium and is integrated into indoor floor concepts. The profile including the clicked-in plastic cover (opal/satinised) can be walked on and can be fitted with LED flex strips with a max. width of 12 mm. Total height ONLY 10 mm.

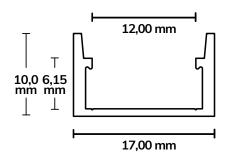


PROFILE

2 m 115823

COVERS & END CAPS

COVER	END CAPS
opal/satinised	COVER PVC
2 m 115824	☐ EC98 115825







GROUND-OUT10

LED mounting profile

SILVER

max. 10 mm







Cooling mass: 683 g/m | The recessed-mounting profile GROUND-OUT10 was developed for outdoor use and can be walked on and driven over. This LED profile has a height of 26 mm and is particularly suitable for integration into stone slab concepts, installation in natural paths (with gravel, earth, grass, etc.) as well as in parks and gardens. To increase the load capacity, a foam drainage (Item no. 111393) can be used.



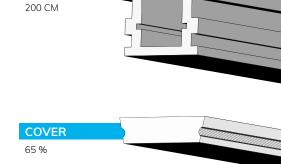
PROFILE

2 m 111366

FOAM DRAINAGE 111393

COVERS & END CAPS

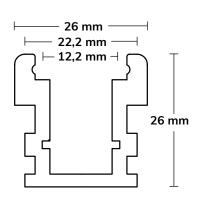
COVER	END CAPS				
65 % opal/satinised	PVC				
2 m 111371	111386 Leable 111387				



PROFILE





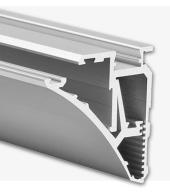




GLAS11 SHELF

LED glassedge profile for shelves

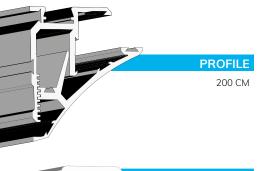
SILVER







Cooling mass: 1290 g/m | For a dignified ambience in a bar or as an eye-catcher in the living room, the Glass 11 Shelf can be used with the matching flex strip for indirect lighting of glass edges on shelves. Suitable for glass panels with thicknesses of 6-20~mm.

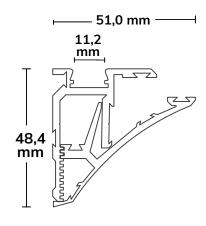


COVER CLEAR 85 %









PROFILE

2 m 115728

85% | clear 2 m 111739

COVERS & END C	APS
COVER CLEAR 85 %	END CAPS PVC
2 m 111369	Right 115731 Left
COVER MILKY SMOOTH 75 %	■ 115730
2 m 111368	Left Right 115731
COVER WHITE 65 %	
2 m 112349	
COVER LINEAR LENS	





GLAS11 SIGN

LED glassedge profile ceiling/wall

SILVER







Cooling mass: 1279 g/m | This LED glass edge profile can be used to indirectly illuminate signs on ceilings and walls, as well as glass edges of shelves. Suitable for glass panels with thicknesses of 6 mm.



PROFILE

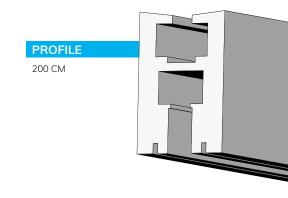
2 m 115729

END CAPS

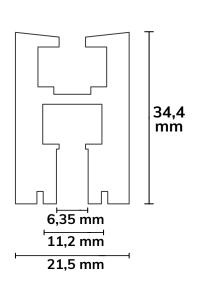
END CAPS

PVC

115732









COOLING STRIP 14

max.

14 mm

LED cooling profile

SILVER



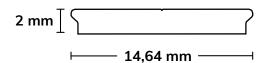
CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 77 g/m | The cooling strip is heat-dissipating, extends the lifespan of the LED flex stripes with its property and can be fixed on smooth surfaces with a double-sided adhesive tape. On one side, LED flex stripes can be attached with a maximum width of 14 mm.









SURF15 FLEX

LED surface mounted profile

SILVER



CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED **ALUMINIUM PROFILES**

Up to 6 m | RAL colors

Cooling mass: 44 g/m | The flexible LED aluminium profile is narrow and very light (bending radius > 40 cm). The PC cover (opal / 65% translucency) covers the edges of the profile -> you can see only the linear line of light | IMPORTANT: In order to avoid kinks, bulges or defects, glue the flex stripes only after you have bent the profile in the needed position.



PROFILE

2 m 113624

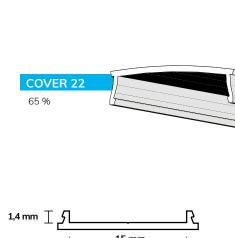
MOUNTING CLAMP 113627

COVERS & END CAPS

COVER 22 65 % | opal/satinised

2 m 113661 6 m 113662 **END CAPS** COVER 22 | Silicone

EC60 113625 | Cable EC61 113626



PROFILE 200 CM



STAIRS 12 LED stair profile

SILVER





PROFILE 200 CM

COVER 1

COVER 2

COVER 32 25 %

65 %

85 %

DESIGN COVER

CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 626 g/m | This high-quality stair profile can be used to illuminate stair edges and steps effectively. It can be screwed on or glued (for example with Adheseal 113674 and 113675).

Perfectly suited for our printed covers (PAGE 258) and Aquaflex stripes.

DESIGN COVER MORE ON PAGE 258

PROFILE

2 m 115841

2 111 113041

COVERS & END CAPS

COVER 1

65 % | opal/satinised

2 m 112867

2,5 m 113095

3 m 115573 6 m

113644

COVER 2

85% | clear

2 m 112866

2,5 m 115687

3 m 115688

COVER 32

25 % | black/matt

2 m 114362

3 m 115570

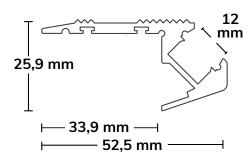
6 m 114363

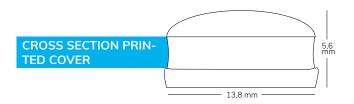
END CAPS

right/left | PETG

EC222 115842







STAIRS13

LED stair profile

SILVER



CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED **ALUMINIUM PROFILES**

Up to 6 m | RAL colors

Cooling mass: 497 g/m | The STAIRS13 is a LED stair profile and offers a safe step with effective lighting. The large surface of the aluminium profile dissipates the heat of the LEDs excellently. Therefore even strong LEDs can be used (max. width 13 mm). The illuminated side of the profile is inclined to the inside. This minimizes glare when climbing stairs.



PROFILE

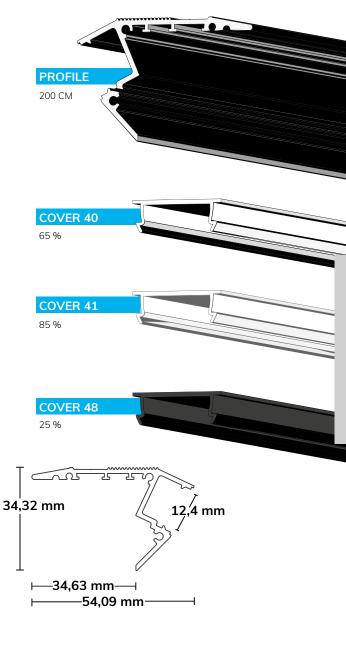
2 m 114796

COVERS & END CAPS

COVER 40 65 % opal/satinised	END CAPS right/left
2 m 114738 2,5 m 114739 3 m 115562	plastic EC83 11
COVER 41 85% clear	
2 m 114740 3 m 115563	
COVER 48 25 % black/matt	
2 m 114747	

14989





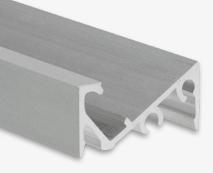


FURNIT6 S

LED surface mounted profile

SILVER

☐ WHITE RAL 9003 ■ BLACK RAL 9005





200 CM

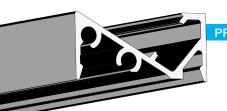




CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED **ALUMINIUM PROFILES**

Up to 6 m | RAL colors

Cooling mass: 153 g/m | The surface-mounting profile Furnit6 S is intended/suitable for mounting on furniture. The aluminium profile is additionally available in white and black and can optionally be equipped with a flat cover in clear (85% translucency) or opal/satinised (65%).



PROFILE **PROFILE**

2 m 114814

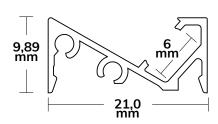
□ 2 m 114816

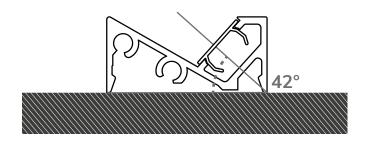
2 m 114815



COVERS & END CAPS

COVER 24 **END CAPS** 65 % | opal/satinised Aluminium 2 m 113648 EC95 114843 6 m 113649 **EC95W 114845** EC95B 114844







FURNIT6 D

LED profiles recessed

SILVER WHITE RAL 9003

BLACK RAL 9005





CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED **ALUMINIUM PROFILES**

Up to 6 m | RAL colors

Cooling mass: 155 g/m | The Furnit 6 is an extraordinary LED recessed profile for flexstripes with a maximum width of 6mm. Due to its small dimensions, this profile is perfectly suited for installation in furniture. The indirect lighting creates a decorative light effect, which gives the furniture a striking look.



PROFILE

2 m 114817

MOUNTING CLAMP 114848

2 m 114819

2 m 114818

COVERS & END CAPS

COVER 24 65 % | opal/satinised

2 m 113648

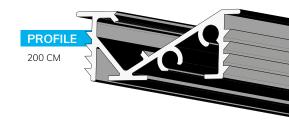
6 m 113649

END CAPS Aluminium

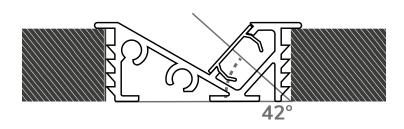
EC95 114843

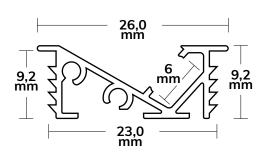
EC95W 114845

EC95B 114844















LED PROFILES

Profile accessories





MINI CONTROLLERS FOR PROFILES

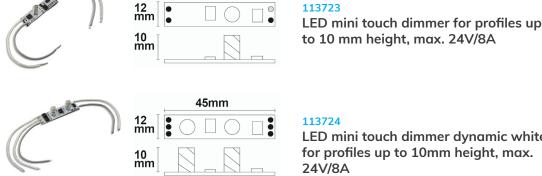
Particularly small and compactly designed LED controller for installation in aluminium profile systems

MINI-Touch controller

The Touch Dimmer is operated by pressing on the profile cover (made of polycarbonate) and is already responding to light pressure through touching. The profile cover is pressed against the built-in touch spring (touch pen incl. permanently illuminated white LED as marking for the pressure range). With short pressure, the LED light bar is switched on and off , and with long pressure infinitely variable dimming from 0 - 100% is possible.

In the case of the dynamic white Mini-Touch dimmer (Item no. 113724), the color temperature is continuously adjusted by pressing with the second touch pen.

IMPORTANT: To ensure that the touch springs can be operated properly, the distance between the dimmer board and the profile cover must not exceed 10 mm.



45mm

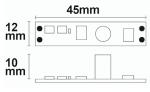
LED mini touch dimmer dynamic white for profiles up to 10mm height, max.

MINI-controller with wiper sensor

This Mini-Dimmer has a wiper sensor that detects hand movements at distances of up to 30 mm and triggers appropriate actions (IR technology). The Mini-Dimmer is glued into the aluminium profile and cabled with the LED flex stripes. The internal height of the profile and cover must be at least 10 mm. By moving your hand over the sensor once (wiping), the LED flex stripes is switched on or off. If you hold your hand over the sensor, the light can be dimmed infinitely variably.

IMPORTANT: 10 mm large cutout in the profile cover for the sensor head necessary!





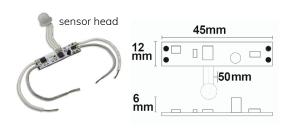
LED Mini Dimmer with wipe sensor for profiles, max. 24V/8A



Mini-Switch PIR Motion Sensor

The small and compact design allows installation in LED aluminium profile systems. This Mini-Switch has an integrated PIR sensor (PIR = Passive Infrared), which detects motions within 5 m and performs corresponding previously programmed actions. Different dimming levels (infinitely variable from 0 - 100%) as well as the lighting duration (also switching on and off) of the LED flex stripes can be set. The integrated daylight sensor can also be activated and switched on and subsequently controls saved light scenes automatically.

IMPORTANT: 10 mm large cutout in the profile cover for the sensor head necessary!



113726

LED Mini-Switch PIR motion sensor for profiles, max. 24V/5A

CLEANING | DEGREASING

NET PRICE ITEM

No further discount possible



Seal and Bond Remover

113663

Seal and Bond Remover/degreaser for adhesive residues, 500 ml aerosol

Seal and Bond Remover is a particularly high-quality cleaning product for removing adhesive residues, for loosening and softening a variety of sealing compounds and adhesives, and for degreasing a wide variety of surfaces. The product softens most of the adhesives and sealing compounds to make them easier to remove.

Cleans and degreases the substrate before sealing and gluing work!

High dissolving capability! Also for tar splashes, tree resin, wax residues

Fast and residue-free ventilation!

Does not aff ect paint, glass, aluminium, rubber and most plasti cs in any way!

Ideal for removing adhesive, sealing compounds and chewing gum residues!

Very easy to handle!



INSTALLATION ADHESIVE | ADHESIVE TAPES | PROTECTIVE MATERIALS

NET PRICE ITEM

No further discount possible



Powerbond mounting adhesive

Powerbond mounting adhesive with high initial adhesion, white, 290 ml cartridge

113665

Powerbond mounting adhesive with high initial adhesion, black, 290 ml

Powerbond XS 330 is a high-quality assembly adhesive based on the latest generati on of MS polymers. Due to its extremely high initi al adhesion this product makes assembly work easier and faster.

For inside and exterior- on almost all (even slightly damp) surfaces!

Extremely high initi al adhesion - does not shrink and tear!

Permanently elastic, high flexibility! Elongation at break: 330 %

Without solvents, harmful plasticisers and isocyanates!

Low viscosity, therefore very easy to work with!

Temperature resistant from -40°C to +100°C!



Easy Grip Gun

113672

Easy Grip gun for cartridges up to 310 ml

The hand-held cartridge gun has an extra strong transmission rati o and an open intake for up to 310 ml



Unifix 300 S

Unifix liquid liquid dowel, 50 ml double cartridge

unifix 300 s is a fast curing and easily expanding 2k-Injection fixing, which is suitable for a variety of assembly work in the construction and maintenance field (knocked-out bore holes, for example, etc.) . Due to its fast and excellent adhesion, this product makes assembly work much easier.

Good adhesion on all building materials!

Perfect fixati on thanks to stable foam effect!

Without solvents and harmful plasticisers!

Accurate dosage in hollow materials when using the sieve sleeve!

Can be drilled, sanded, painted over very well!

Excellent durability and stability!

Pressure-free anchoring - no damage to ti les or plaster!

Fast drying (about 5 minutes) and through-curing (about 10 minutes)!





Clear Transfer Adhesive

113667

Clear Transfer double-sided adhesive tape, transparent, 15mm, 25 m/roll

Clear Transfer Adhesive is a nearly transparent, double-sided adhesive tape for fast and clean bonding in a wide range of applications.

Despite minimal thickness very high adhesive strength!

High temperature resistance! -20°C to +150°C

uniform adhesive layer - Opti mum adhesion!

Does not discolor - does not dry out!

Extra-thin adhesive bond! 0.13 mm thick

Can be removed without residue!



Moulding Tape

113669

Moulding Tape double-sided PU foam adhesive tape, 6mm x 0.8mm, 10 m/roll

113670

Moulding Tape double-sided PU foam adhesive tape, 12mm x 0.8mm, 10m/roll

113671

Moulding Tape double-sided PU foam adhesive tape, 25mm x 0.8mm, 10m/roll

Moulding Tape is a particularly high-quality, correctable, double-sided adhesive tape based on polyurethane foam - ideal for many indoor and outdoor bonding applicati ons.

- » Temperature resistant from -40°C to +95°C! Short term up to +150°C
- » Repeated repositioning possible! Within about 5 minutes
- » High tensile and adhesive strength! 6.1 kg/cm²
- » Resistant to water, weak acids and weathering!
- » Permanently elastic! Elongati on at break: 220%
- » Absorbs virtually no moisture! Closed cell structure



SEALING COMPOUND| FILLER | IMPREGNATION

NET PRICE ITEM

No further discount possible



Silicone smoothing agent

113676

silicone smoothing agent 500 ml spray bottle

Seal Fluid is a special solution for smoothing moisture-curing sealing compounds, such as Innotec Easy Seal XS (universal Polymer sealing compound). Thanks to its mild composition, Seal Fluid is safe for use on almost all surfaces.

- » Especially mild special formula!
- » Applicable on almost any substrate!
- » Solvent-free!
- » Ready to use!
- » Ideal for smoothing a wide variety of sealing compounds! Easy Seal XS, Adheseal, Safe Seal IQ



Adheseal

113674

Adheseal waterproof adhesive/sealing compound, white, 290 ml cartridge

113675

Adheseal waterproof adhesive/sealing compound, black, 290 ml cartridge

Adheseal is a unique, high-quality, wet-on-wet overpaintable, permanently elastic, MS-Polymer basis elastic adhesive and sealing compound - Adheseal offers perfect adhesion even on delicate materials!

- » Temperature resistant: -40°C to +100°C!
- » Very high adhesion! 26 kg/cm²
- » Extremely high elongation at break! 400%
- » Very good UV resistance!
- » Solvent and isocyanate free!
- » Impressive, permanent elasticity!



Easy Seal XS

113673

Easy Seal weatherproof silicone sealing compound, transparent, 310 ml cartridge

Easy Seal XS is a unique, neutral curing, acid-free, solvent-free and oxime-free universal polymer sealing compound based on odourless Alcoxyl polysiloxanes for safe and permanently elastic sealing of various construction and connection joints on various substrates.

- » Absolutely harmless to health and odourless!
- » Acid-free, solvent-free and oxime-free!
- » High uV and temperature resistance! -40°C to +150°C
- » 100% color fastness no discoloration and yellowing!
- » Excellent water resistance and mould resistance!
- » Permanently elastic! 215% Elongati on at break





Electro Seal

113677

Electro Seal liquid seal blue, 3 x 15 ml tubes/package

Electro Seal is a unique blue liquid rubber seal based on polymer rubber for opti mum insulation and protection of electrical components, such as wiring, connectors, sensors, etc. Electro Seal is easy and very precise to install, even in hard to reach places.

- » Easy and very precise to install!
- » Aft er drying right through (touch dry after 10 minutes), flexible and vibration-resistant!
- » Very high dielectric strength! (40,000 V/mm)
- » Excellent sag resistance!
- » Excellent moisture resistance!
- » High temperature resistance! (-35°C to +120°C)



NEW Seal Guard Primer

114730

for critical surfaces, transparent, 250ml

Seal Guard is a transparent primer that improves the adhesion of various moisture-curing adhesives and sealing compounds. The product is particularly suitable for porous materials, but also for use on most other substrates. Seal Guard is enough for an application width of 2.5 cm for approx. 92 linear metres of bonding distance.

- » High-quality, adhesion-enhancing primer
- » Suitable for continuous use under water
- » Practical, resealable tin
- » Perfect insulator between sealing compound and possible overpaint
- » Solvents in lacquers do not attack sealing compound



Easy Grip Gun

113672

Easy Grip gun for cartridges up to 310 ml

The hand-held cartridge gun has an extra strong transmission ratio and an open intake for up to 310 ml.



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 383Surge protection



PAGE 385Plug system



PAGE 389Cables/connectors/sockets



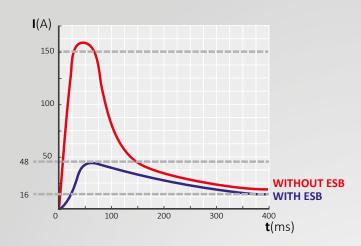


INSTALLATION MATERIAL

Surge protection







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.

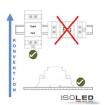
The interconnected inrush current limiter limits the starting current to 48 A (33.9 $A_{effective}$) for 300 ms (T_{on}) and thus prevents the B16 circuit breaker from tripping.

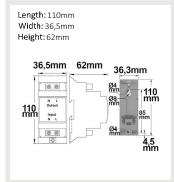
113373 | Startup current limiter 16A for capacitive loads, Top Hat Rail mounting



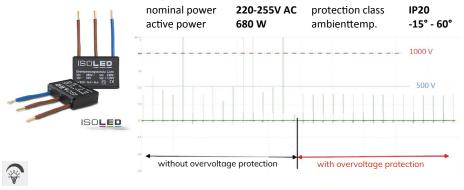
nominal power 184-285V AC protection class ambienttemp.

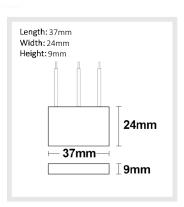
-40° - 70°





111349 | Surge protection, fine protection for LED technology, T3





114039 LED interference suppression, discharge and compensation module, extinguishing element



nominal power

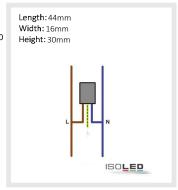
250VA CI protection class ambienttemp.

P20 -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.







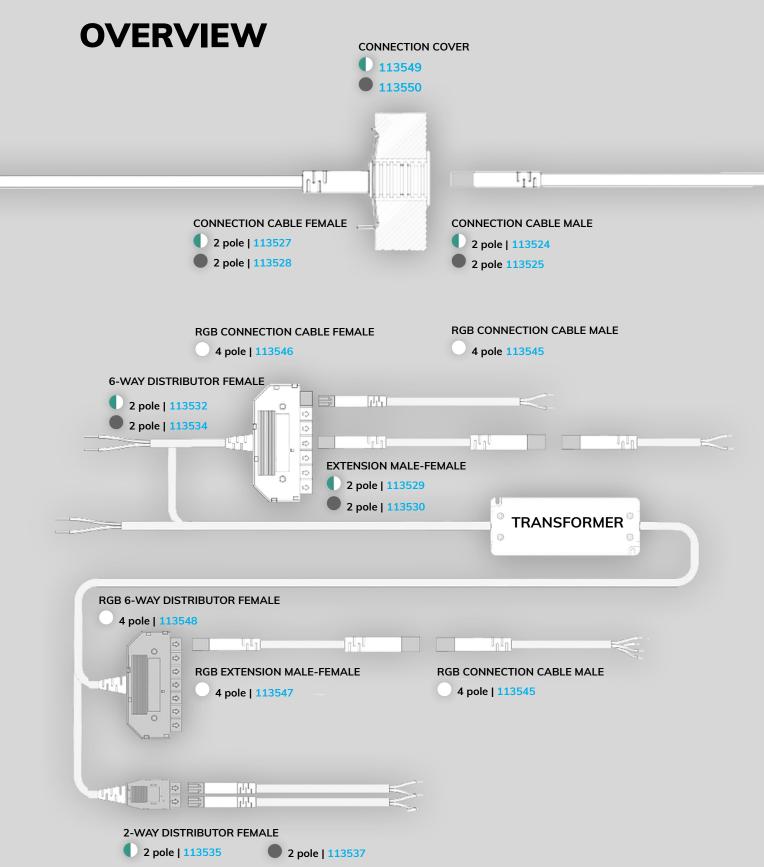


INSTALLATION MATERIAL

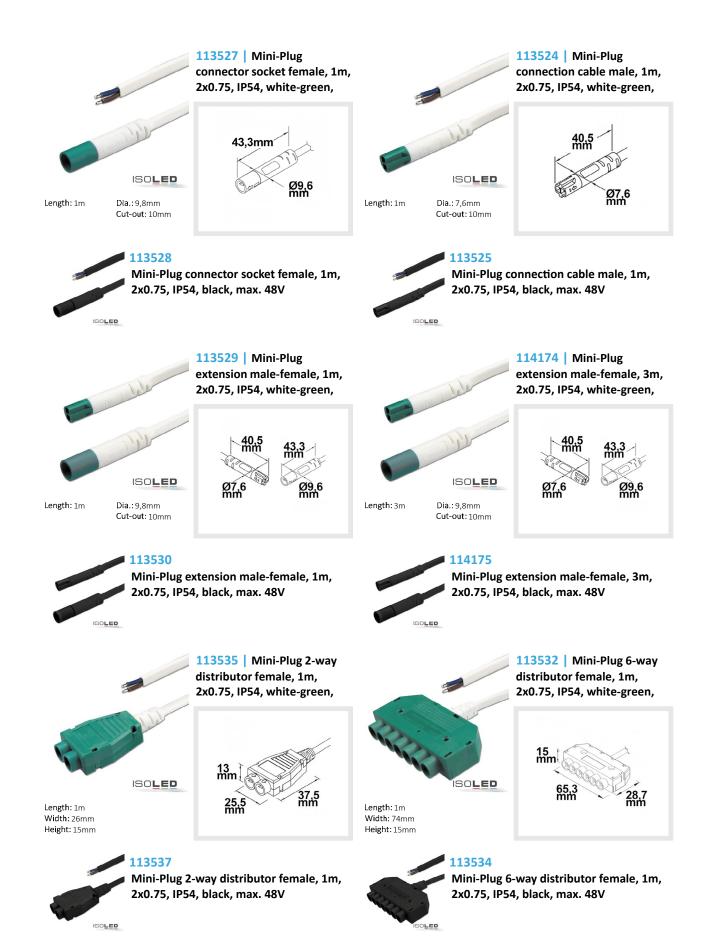
Plug system







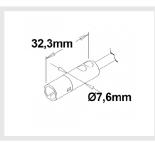




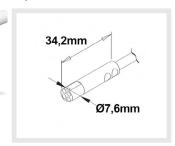




113546 | Mini-Plug RGB connector socket female, 1m, 4-pin, IP42, white, max. 48V

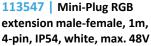


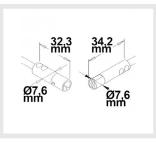
113545 | Mini-Plug RGB connection cable male, 1m, 4-pin, IP42, white, max. 48V





Length: 1m Dia.: 7,6mm
Cut-out: 10mm





ISOLED

Length: 1m

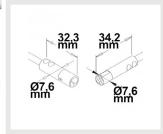
ISOLED

Dia.: 7,6mm

Cut-out: 10mm

Length: 3m Dia.: 7,6mm Cut-out: 10mm

114176 | Mini-Plug RGB extension male-female, 3m, 4-pin, IP54, white, max. 48V





Length: 1m Width: 66mm Height: 15mm

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

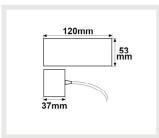




Length: 120mm Width: 53mm Height: 37mm

Height: 29mm

114170 | Ceiling canopy square white incl. 2-pole fabric coated cable 1.5m with



114940 | Ceiling canopy

round 60mm, black incl.

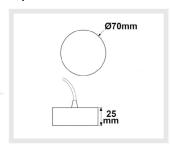
2-pole fabric coated cable

Ø60mm

29 mm

ISOLED Height: 25mm Dia.: 70mm

114172 | Ceiling canopy round 70mm, white incl. 2-pole fabric coated cable



114941 | Ceiling canopy round 60mm, white, incl. 2-pole fabric cable 1,5m



ISOLED

Ø60mm 29 mm



ISOLED

Dia.: 60mm

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



115805 | Steel cable 1,5mm

NEW





115803 | Steel cable with ball head 1,5mm, 1,5m

111255 | MR16/GU5.3 socket ceramic 0-12V

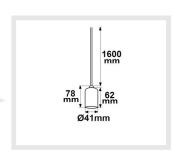


Dia.: 17mm Height: 10mm



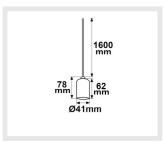
ISOLED Height: 78mm Dia.: 41mm

115196 | E27 socket black with black cable 300cm



ISOLED Height: 78mm Dia.: 41mm

115195 | E27 socket black with black cable 160cm



ISOLED

Length: 27mm Width: 27mm Height: 15mm

111121 | GU10 socket ceramic, 0-230V



Length: 45,8mm Dia.: 41mm

ISOLED

ISOLED

112131 | E27 socket

ceramic, 0-230V



Length: 27mm Width: 27mm Height: 15mm

111818 | GU10 socket ceramic with bracket, 0-230V



Length: 1,5m

111169 | Connection cable 1.5m with flat plug, white, 230V





111172 | Connection cable 1.5m with flat plug and rocker switch, black, 230V



113002 | MiniAMP 60cm wire to 4-way distributor female socket, max. 3A





112973 | Cable connector IP67, clamping gland + screw terminals 2x3pole



Length: 129mm Width: 60mm

Height: 36mm

Length: 300mm

112974 | Cable connector IP67, clamping gland + push-in terminal 2x4pole

Length: 87mm Width: 27mm



112975 | Cable Y-connector IP67, clamping gland + push-in terminal 2x4pole



ISOLED

ISOLED

114707 | Connection cable 30cm with female IP67 female plug, 4-pin 0.5mm²

Length: 130,3mm Width: 80,7mm Height: 35,7mm



ISOLED

114708 | Connection cable 30cm with male plug IP67, 4-pole 0.5mm²



114709 | Connection cable 250cm with female IP67 female plug, 4-pin 0.5mm²

Length: 300mm

Length: 2,5m





114710 | Connection cable 250cm with male plug IP67, 4-pin 0.5mm²



ISOLED

114711 | Extension cable 250cm female-male IP67, 4-pin 4x0.5mm²

ISO**LED**

Length: 2,5m

Length: 50m





114712 | Extension cable 500cm female-male IP67, 4-pin 0.5mm²



113523 | Cable 50m roll 3-pole 0.75mm² H03VV-F PVC sheath transparent AWG18

Length: 5m



114704 | Cable 25m roll 2-pin 0.75mm² H03VH-H YZWL, black/red, AWG18



114706 | Cable 25m roll 2-pin 0.75mm² H03VH-H YZWL, white/white, AWG 18

Length: 25m



114705 | Cable 50m roll 2-pin 0.75mm² H03VH-H YZWL, black/red, AWG18



Length: 25m

Length: 25m

114703 | Cable 25m roll 2-pole 0.75mm² H03VVH2-F PVC jacket white, VDE





114163 | Cable 50m roll 2-pole 1.5mm² H03VH-H YZWL, black/red, AWG16



113346 | Cable CCT 10m roll 3-pole 0.75mm² H03VH-H AWG18

Length: 50m

Length: 10m



114713 | Cable CCT 25m roll 3-pole 0.75mm² H03VH-H AWG18



112324 | Cable RGB 10m roll 4-pin 0.50mm² H03VH-H AWG20

Length: 25m





114714 | Cable RGB 25m roll 4-pin 0.50mm H03VH-H AWG20



roll 5-pin 0.50mm² H03VH-H AWG20

Length: 25m

Length: 10m



Length: 10m

114715 | Cable RGB+W+WW 10m roll 6-pin 0.5mm² H03VH-H AWG20





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



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111384	310	111917	78	112324	234	112585	204	112842	361	113088	313	113184	300
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113309 180	113307	184	113599	121	113672	376	113965	96		114344	113	114444	189	114700	157
113310 182 113602 41 113675 378 114039 384 114347 115 114447 189 114705 393 113340 227 113608 350 113676 378 114049 106 114348 115 114448 189 114706 393 113341 219 113609 350 113677 379 114050 106 114351 220 114449 189 114707 361 113348 235 113612 350 113710 238 114056 182 114353 246 114451 190 114709 361 113349 241 113613 288 113711 242 114081 236 114358 263 114452 192 114710 361 113418 144 113615 288 113724 184 114082 239 114359 301 114454 188 114712 361 113419 144 113615 288 113725 184 114102 334 114360 301 114454 188 114713 394 113420 144 113615 288 113726 184 114103 322 114363 274 114456 191 114714 394 113432 274 113619 288 113764 118 114105 321 114366 300 114459 188 114716 97 113433 276 113622 288 113805 290 11410 332 114366 263 114461 194 114718 97 113458 121 113623 288 113807 290 11410 332 114369 154 114466 194 114719 101 113459 121 113623 288 113807 290 11410 332 114369 154 114466 194 114712 101 113459 121 113623 288 113807 290 11410 332 114369 154 114466 194 114712 101 113459 121 113623 288 113807 290 11410 332 114369 154 114466 164 114721 101 113459 121 113623 288 113807 290 114163 394 114370 154 114466 164 114721 101 113461 122 113629 283 113817 344 114174 387 114370 154 114467 157 114722 101 113461 122 113629 283 113817 344 114174 387 114370 154 114467 157 114722 102 113520 288 113807 240 114172 390 114370 154 114467 157 114720 102 113521 197 113631 263 113810 342 114218 240 114380 328 114573 388 114724 102 113523 386 113632 263 113812 342 114222 246 114380 328	113308	184	113600	41	113673	378	113966	96		114345	114	114445	189	114703	393
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113348 235	113341	219	113609	350	113677	379	114050	106		114351	220	114449	189	114707	361
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113523 393 113632 263 113821 342 114222 246 114379 336 114547 157 114729 202 113524 384 113633 263 113822 342 114223 246 114380 328 114570 114 114730 379 113525 386 113634 262 113823 345 114224 229 114381 328 114573 338 114738 279 113527 386 113636 262 113824 345 114225 229 114382 300 114574 338 114739 279	113520	228	113630	263	113819	343	114218	230		114375	154	114545	190	114727	101
113524 384 113633 263 113822 342 114223 246 114380 328 114570 114 114730 379 113525 386 113634 262 113823 345 114224 229 114381 328 114570 114 114730 379 113527 386 113636 262 113824 345 114225 229 114382 300 114574 338 114739 279	113521	197	113631	263	113820	343	114221	240		114376	153	114546	164	114728	202
113525 386 113634 262 113823 345 114224 229 114381 328 114573 338 114738 279 113527 386 113636 262 113824 345 114225 229 114381 328 114573 338 114738 279 113527 386 113636 262 113824 345 114225 229 114382 300 114574 338 114739 279						342		_		114379			157	114729	_
113527 386 113636 262 113824 345 114225 229 114382 300 114574 338 114739 279		384				342	114223	246		114380			114	114730	1
														114738	_
113528 386 113637 262 113825 321 114226 229 114383 274 114575 336 114740 279															_
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ART.NO.	PA.	ART.NO.	PA.	ART.NO.	PA.	ART.NO.	PA.	ART.NO.	PA.	ART.NO.	PA.	ART.NO.	PA.
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114742	270	114808	355	114879	291	115194	100	115315	67	115514	171	115584	113
114743	270	114809	356	114880	291	115195	391	115316	67	115515	171	115585	113
114744	314	114810	356	114891	194	115196	391	115317	67	115516	171	115586	53
114745	314	114811	356	114892	192	115255	76	115318	67	115517	173	115587	53
114746	300	114812	357	114895	105	115256	76	115319	67	115518	176	115622	217
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114752	286	114817	371	114917	79	115261	336	115324	62	115525	228	115663	46
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114754	286	114819	371	114919	82	115263	336	115326	62	115527	312	115665	46
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114756	286	114821	346	114940	390	115265	274	115328	62	115529	263	115684	48
114757	279	114822	347	114941	390	115266	270	115329	62	115530	343	115685	51
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114805	355	114871	175	115191	100	115312	67	115510	176	115579	66	115783	119
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CUSTOMISED LIG	SHT SOLU
ART.NO.	PA.
115785	119
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ART.NO.	PA.
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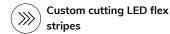


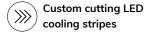


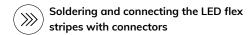


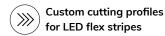
CUSTOMISED ASSEMBLY

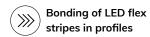
DELIVERY READY TO CONNECT

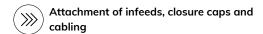












Final function checks of the LED are of course standard at ISOLED®!



CUSTOMIZED FOR YOU IN ONLY 5 WORKING DAYS!

FOR STOCK ITEMS AND STANDARD QUANTITIES

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 $\textbf{Datasheets} \ \text{and other technical information can be found on our homepage at www.isoled.at \textit{l.de /.ch /.hu/ .it /.fr/.}}$

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LEGEND









swiveling











dimmable

walk-on

drive-on

impact-resistant up to 6 loules

Quick assembly

Linear LED pendant light

Surface-mount profile

Recessed profile



maximum flex stripe width







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 declarati on 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 $^{\circ}\mathrm{C}$





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

ISOLED SINCE 2008



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99 %

of our customers and partners recommend ISOLED®!

YOUR DEMAND IS OUR MOTIVATION!