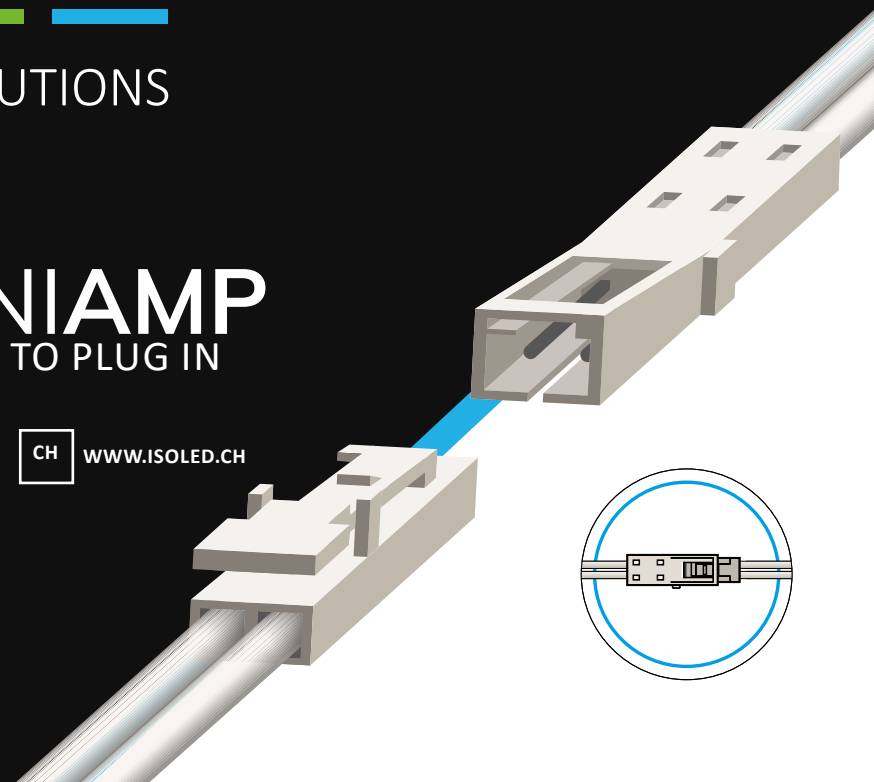
ISOLED®

CUSTOMISED LIGHT SOLUTIONS

2023 MINIAMP

READY TO PLUG IN

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



MINIAMP
READY TO PLUG IN

Simple and precise installation of the sustainable LED lighting solution with MiniAMP

Due to countless projects and strong demand from customers and partners, we have put together a new product range that is specifically designed to meet the requirements for fast, flexible and cost-efficient implementation of LED lighting solutions.

- FAST AND SAFE MOUNTING
- RELIABLE, READY-TO-PLUG-IN TRANSFORMER SYSTEMS
- FLAT AND SPACE-SAVING LIGHTWEIGHT DESIGN
- NO ELECTRICAL WORK NECESSARY
- READY TO PLUG IN QUICK CONNECTION
- HIGH QUALITY DIMMERS, SENSORS AND ACCESSORIES

Dear ladies and gentlemen, dear customers and interested parties !

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

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

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

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

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

Sarkis Otyan (1939 – 2022)

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

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

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

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

In this way, we ensure:

" best service and qualified expert advice

» continued maximum availability

" Top quality

» a sustainable range

» long-term and stable partnerships

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

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

Flexibility and agility are constant companions in our everyday work.

Many thanks to our employees, who help to shape and support everything, give their best and make it all possible. We cannot appreciate enough the dedication, trust and loyalty of each and every one of them.

Many thanks to our customers and partners who, despite the current situation and the uncertainty, continue to push the cooperation and stand faithfully by us. Their 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.

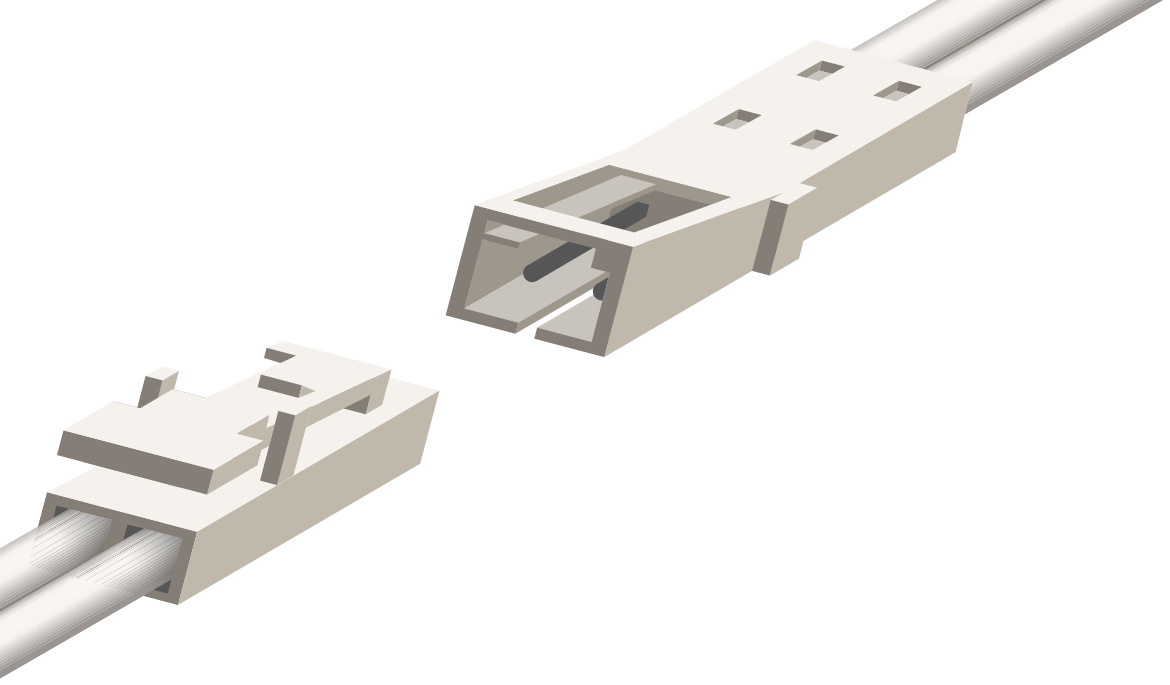
In addition, we will deepen our industry and target group approach!

We continue to grow! 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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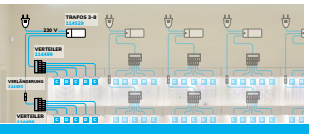

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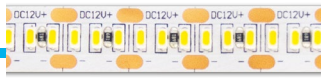

47 LED TRANSFORMERS

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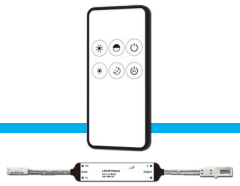
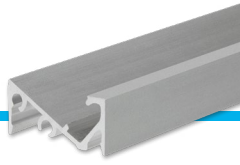


59 ACCESSORIES

63 LED ALUMINIUM PROFILES



77 INSTALLATION MATERIAL

CUSTOMISED LIGHT SOLUTIONS

SUSTAINABLE EFFICIENCY IMPROVEMENT WITH SMART LED LIGHTING CONCEPTS

STANDARDISED PRODUCT RANGE

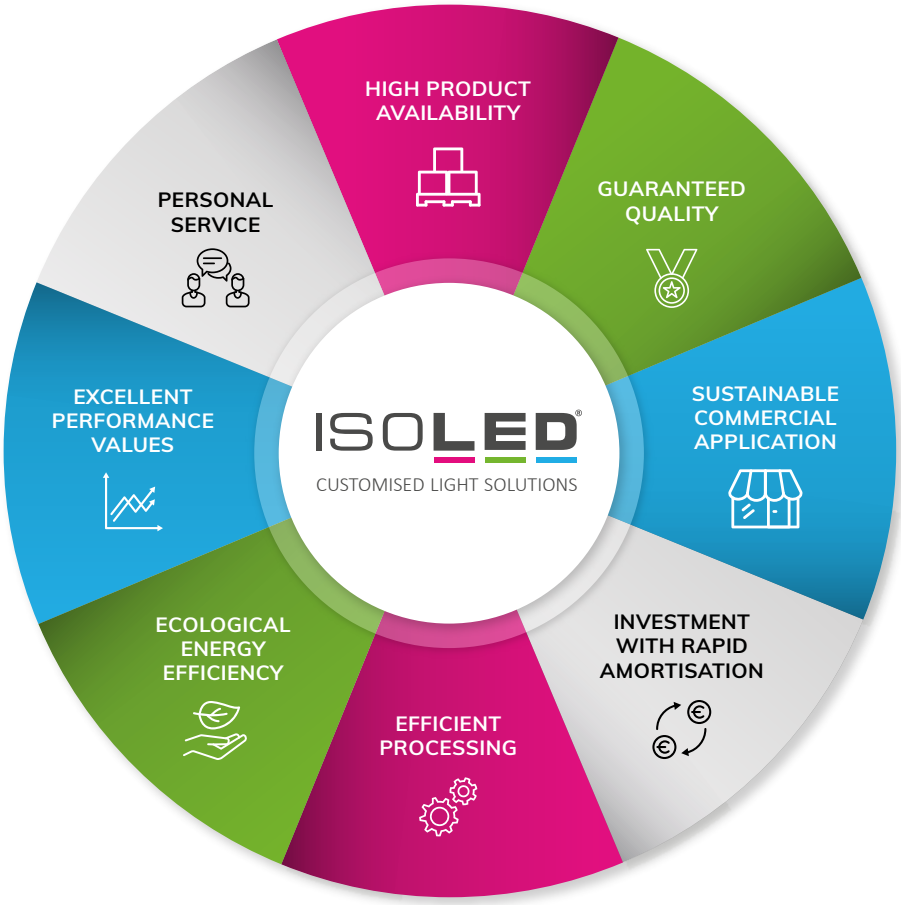
More than 2,830 products
High-end LED components
High product availability

INTELLIGENT PROJECT LIGHTING SOLUTIONS

Scalable LED control technology
Holistic LED lighting systems
Personal project support

CUSTOMER-SPECIFIC MANUFACTURE

Manufactured light elements
Precise custom production
Delivery ready for installation



MINIAMP
READY TO PLUG IN

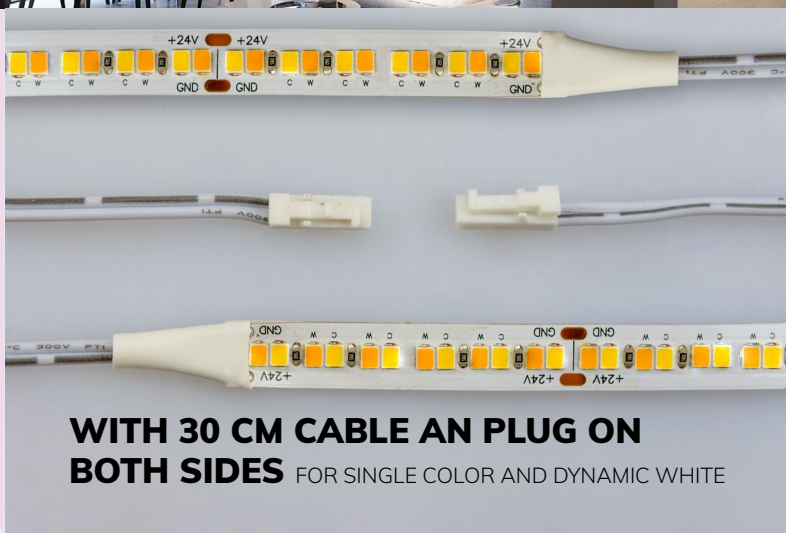
- Quick and safe installation
- Ready to plug in quick connection
- No specialist electrical work necessary
- Flat & space-saving lightweight design

QUICK

FLEXIBLE

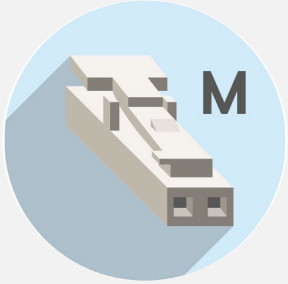
COST EFFICIENT

MINIAMP
READY TO PLUG IN

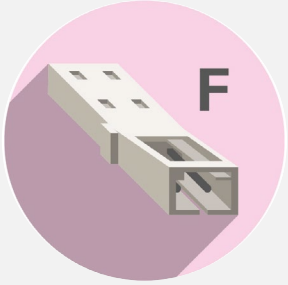


WITH 30 CM CABLE AN PLUG ON BOTH SIDES FOR SINGLE COLOR AND DYNAMIC WHITE

READY TO PLUG IN



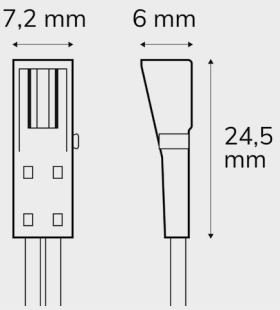
MALE
PLUG

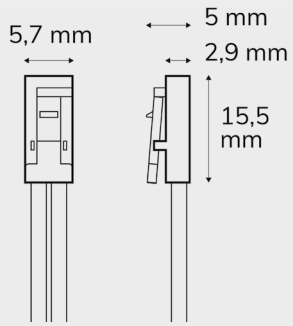


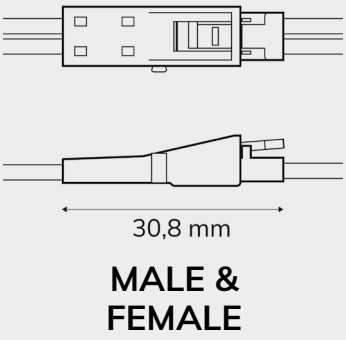
FEMALE
SOCKET

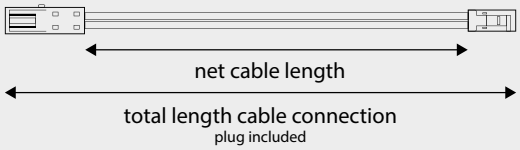
CABLING READY TO CONNECT

The ISOLED® MiniAMP series is supplied with ready-to-connect cabling as standard. This means that no electrical work by a specialist is required for installati on and connection to the mains supply! **Delivery ready for installation!**









The cable lengths listed for the individual items **always** refer to the net cable length: between the plugs. I.e. for the total length of a cable connection, the dimensions of the connections must be added.

CUSTOM MADE TO MEASURE

Assembly of LED profiles, flex strips & light components/ lights

Our experienced employees in the production department reliably and professionally provide the following services (all customer-specific and made to measure) at ESD-protected (ESD = electrostatic discharge) workstations:

- 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®!

We advise you!

Together with you we develop your individual solution. We check the technical and commercial feasibility.
We realise your project!

Manufactured light elements

Precise custom production

Delivery ready for installation

Delivery ready for installation

You save valuable working time, can start installation immediately and have the certainty that your LED lighting works well and safely.

EASY AND FAST TO YOUR LED LIGHTING SOLUTION

There are lighting requirements for every planned room.

Once the product type and number of each luminaire has been determined, details for your lighting solution can be designed. The following points provide a guideline for successful lighting design:

Light color

Warm white
less than 3500 Kelvin
⊕ cosy, comfortable

Neutral white
3500-5300 Kelvin
⊕ factual, positive mood

Cold white
more than 5300 Kelvin
⊕ Daylight, increased attention

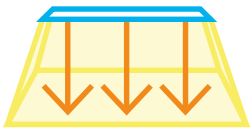
RGB
Color spectrum

Luminous efficacy

describes the efficiency of a light source

Luminous efficiency = Luminous flux (lm) / Power (W)

light source



Linear light

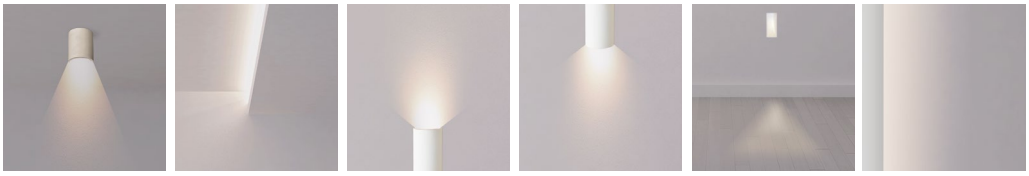
Point light

The shape of the light can influence furniture and lighting effect. Already in the planning stage, it should be noted that dot light primarily emphasizes individual areas, while linear light can illuminate larger areas.

Light quality

The color rendering index CRI is given in Ra and thus evaluates the quality of the color rendering of light sources. The higher the color rendering index, the better the colors of an illuminated object are perceived.

Alignment



direct | indirect | upward | downward | Forward | aside

While direct lighting is mainly used to set accents, indirect lighting creates mood and is particularly suitable for illuminating rooms. Structures are often illuminated from below, while individual objects are usually illuminated from above.

Light intensity

Work lighting (>500 lx)

Ambient lighting (150–500 lx)

Accent / orientation lighting (<150 lx)

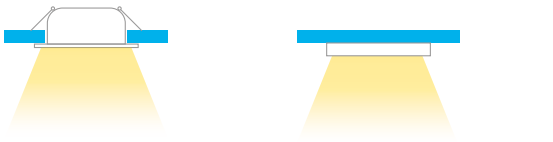
Beam angle

between 8 ° and 360 °

Compatibility of ballasts with products

Even before buying a luminaire, make sure that it has any necessary compatibility with a dimmer or motion sensor to install the lighting without worry.

Mounting type



recessed (installation)

mounted (surface-mounting)

The mounting method of the light source should be well thought out. A surface-mounted light requires more space, but is more flexible and easier to remove. Recessed light sources, on the other hand, are often more discreet, but offer little room for change.

Protection class

IP

Ingress **P**rotection

The IP code number indicates the protection of a housing against contact or ingress of foreign bodies (1st digit) and against ingress of moisture or water (2nd digit). The larger the code numbers, the better the protection of an enclosure.

Control

In addition, LED luminaires can be controlled with various controllers. You can choose between wall, hand and table remote controls. A Smart Home System integration with Zigbee is also possible.

APPLICATIONS

Light is the fourth dimension of a room and an essential factor in holistic architectural spatial planning.

- Household furniture and interior design elements
- Indirect bed frame lighting
- Office furniture
- Kitchen furniture
- Encounter and reception areas
- Stucco work and mouldings

- Shopfitting and exhibition stand construction
- Shop lighting
- Shop window-lighting
- Indirect room lighting for a cosy atmosphere
- Wood panelled ceilings and walls
- Door frame lighting

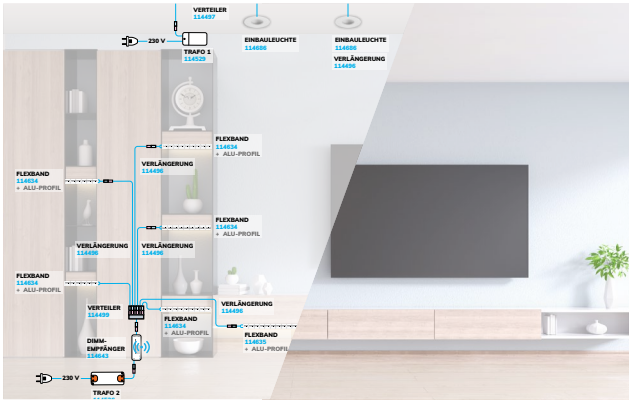
- Discreet background lighting
- Atmospheric room lighting
- Ambient lighting
- Orientation lighting
- Lighting accents for individual requirements
- Furniture staging

Light makes visible!

Light works!

Light staged!

Examples of use



Living room
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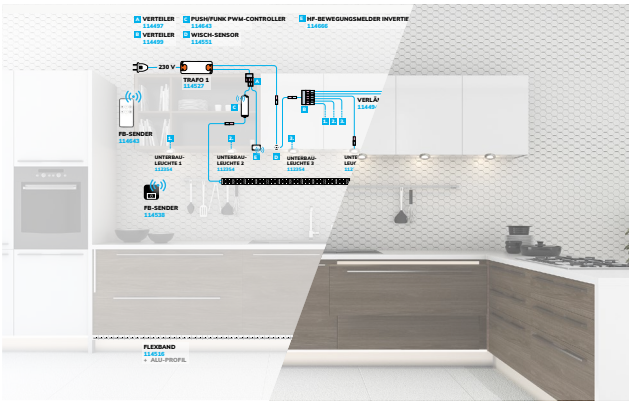

Kitchen
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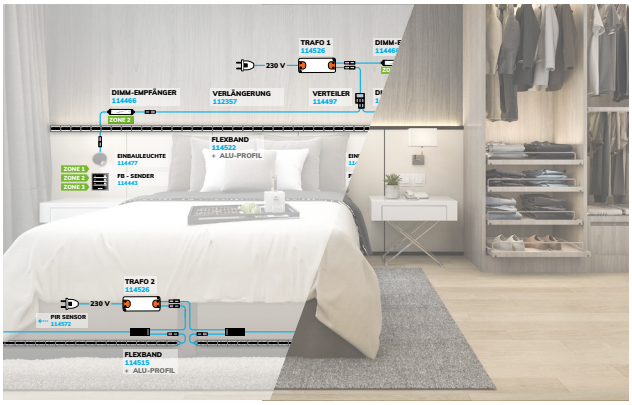

Bedroom
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Wardrobe
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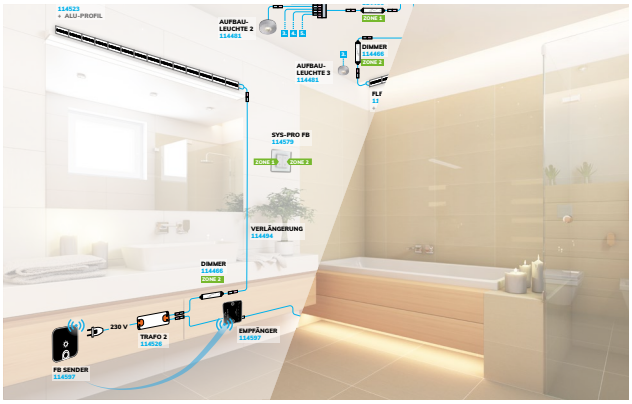

Bathroom
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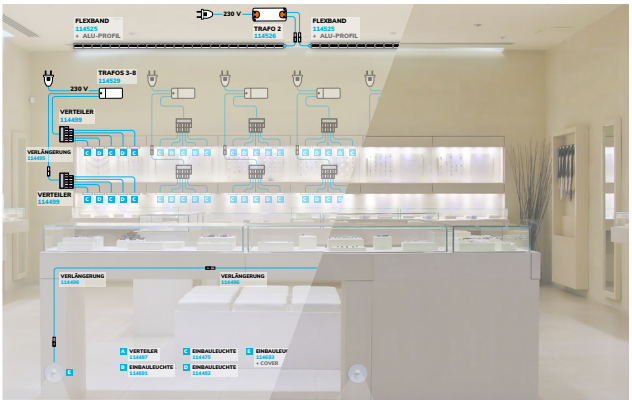

Showroom Jeweller
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LIVING ROOM

Examples of use | We develop and plan your individual solution together with you.

CALCULATION

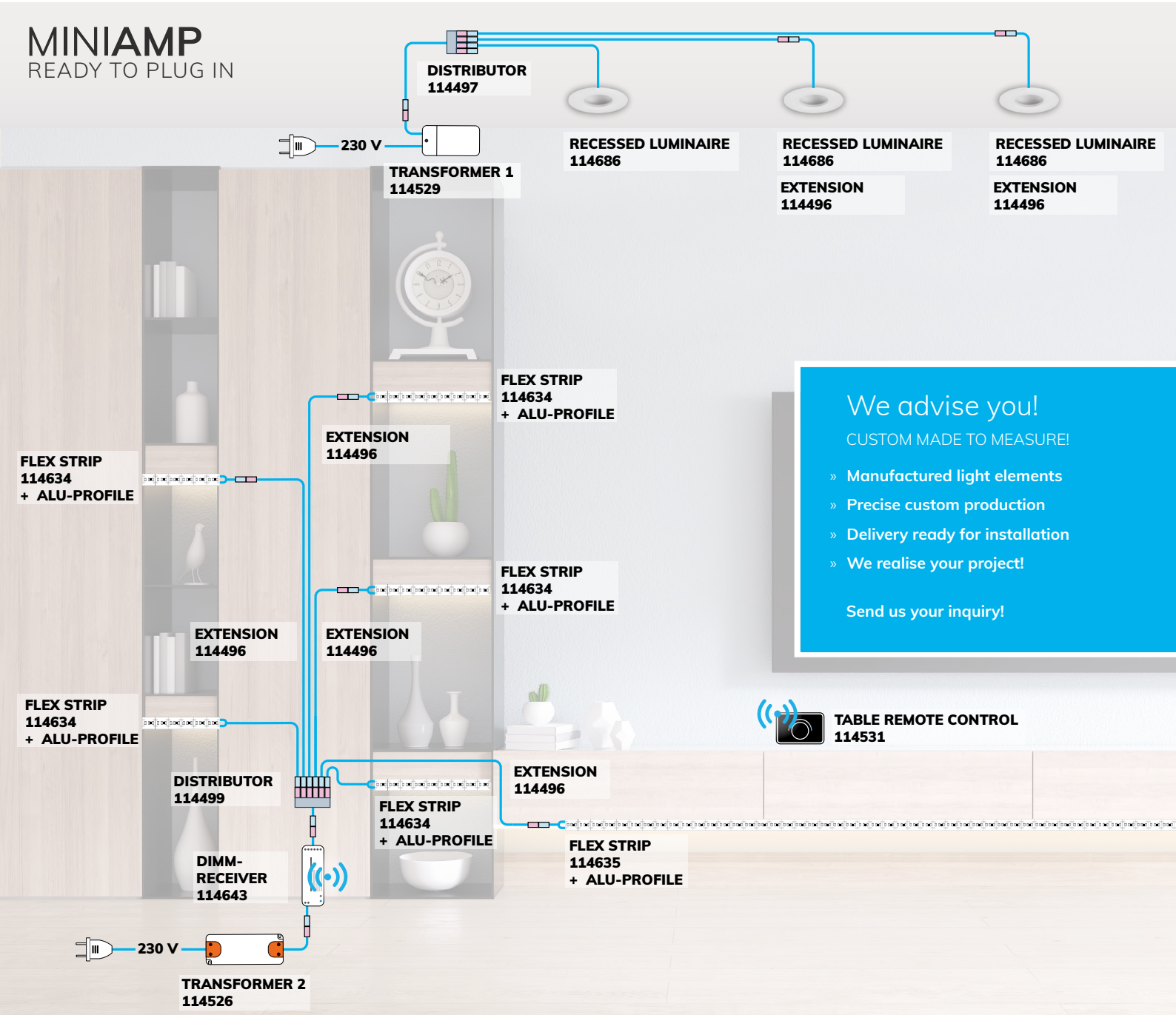
Note the maximum current carrying capacity (see Page 76).

Trafo 1 0 - 30 W

114686	3 pcs. ×	4 W
	=	**12 W**

Trafo 2 0 - 50 W

114635		2,5 m ×	10 W
114634	+	2 × 0,3 m ×	10 W
114634	+	3 × 0,5 m ×	10 W
	=		**46 W**



APPLICATION EXAMPLE

This figure is a schematic representation without binding dimensions etc.

KITCHEN

We develop and plan your individual solution together with you. Examples of use

Note the maximum current carrying capacity (see Page 76).

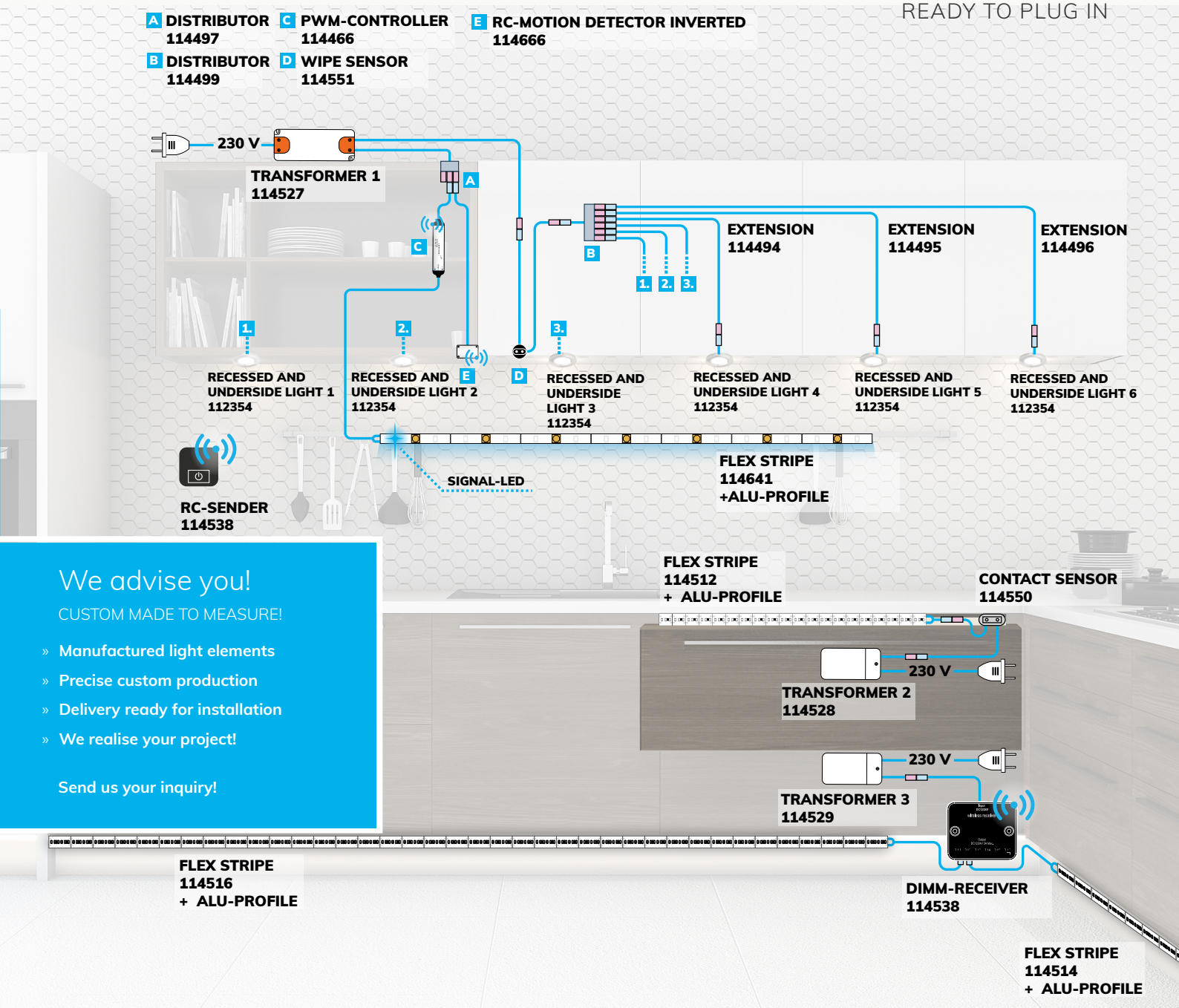
CALCULATION

Trafo 1	0 - 50 W		
114641	1,5 m ×	20 W	
112354	6 pcs. ×	3 W	
	=	46,5 W	

Trafo 2	0 - 30 W		
114512	1 m ×	12 W	
	=	12 W	

Trafo 3	0 - 30 W		
114516	2,5 m ×	6 W	
114514	+ 1,2 m ×	6 W	
	=	22,2 W	

MINIAMP READY TO PLUG IN



We advise you!

CUSTOM MADE TO MEASURE!

- Manufactured light elements
- Precise custom production
- Delivery ready for installation
- We realise your project!

Send us your inquiry!

APPLICATION EXAMPLE

This figure is a schematic representation without binding dimensions etc.

BEDROOM

Examples of use | We develop and plan your individual solution together with you.

CALCULATION

Note the maximum current carrying capacity (see Page 76).

Trafo 1 0 - 50 W

114522		3,5 m	× 12 W	
114477	+	2 pcs.	× 3 W	
	=			**48 W**

Trafo 2 0 - 50 W

114515		2 × 3,2 m	× 6 W	
	=			**38,4 W**

MINIAMP
READY TO PLUG IN

We advise you!

CUSTOM MADE TO MEASURE!

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- Precise custom production
- Delivery ready for installation
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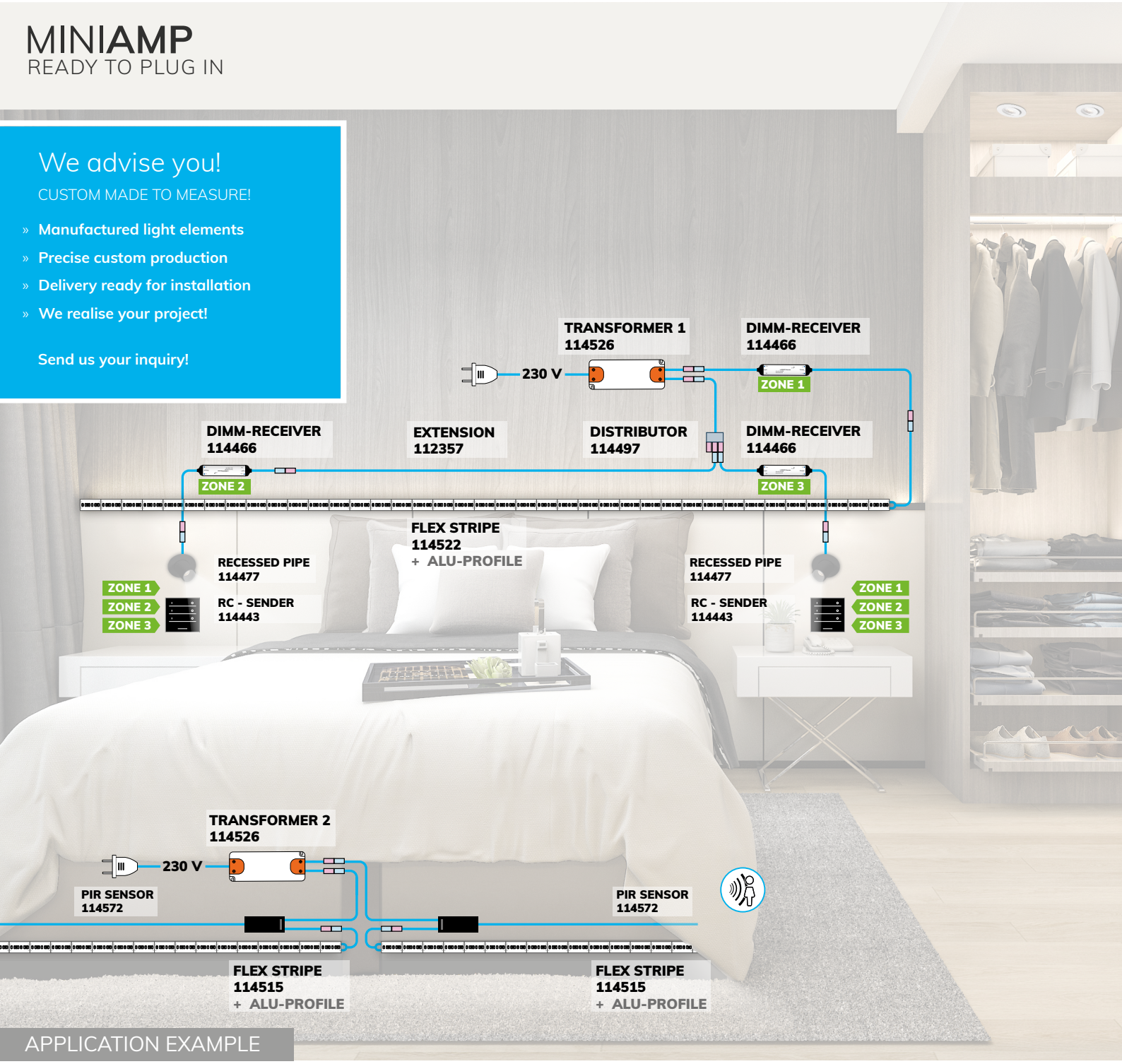
Send us your inquiry!



APPLICATION EXAMPLE

This figure is a schematic representation without binding dimensions etc.

WARDROBE

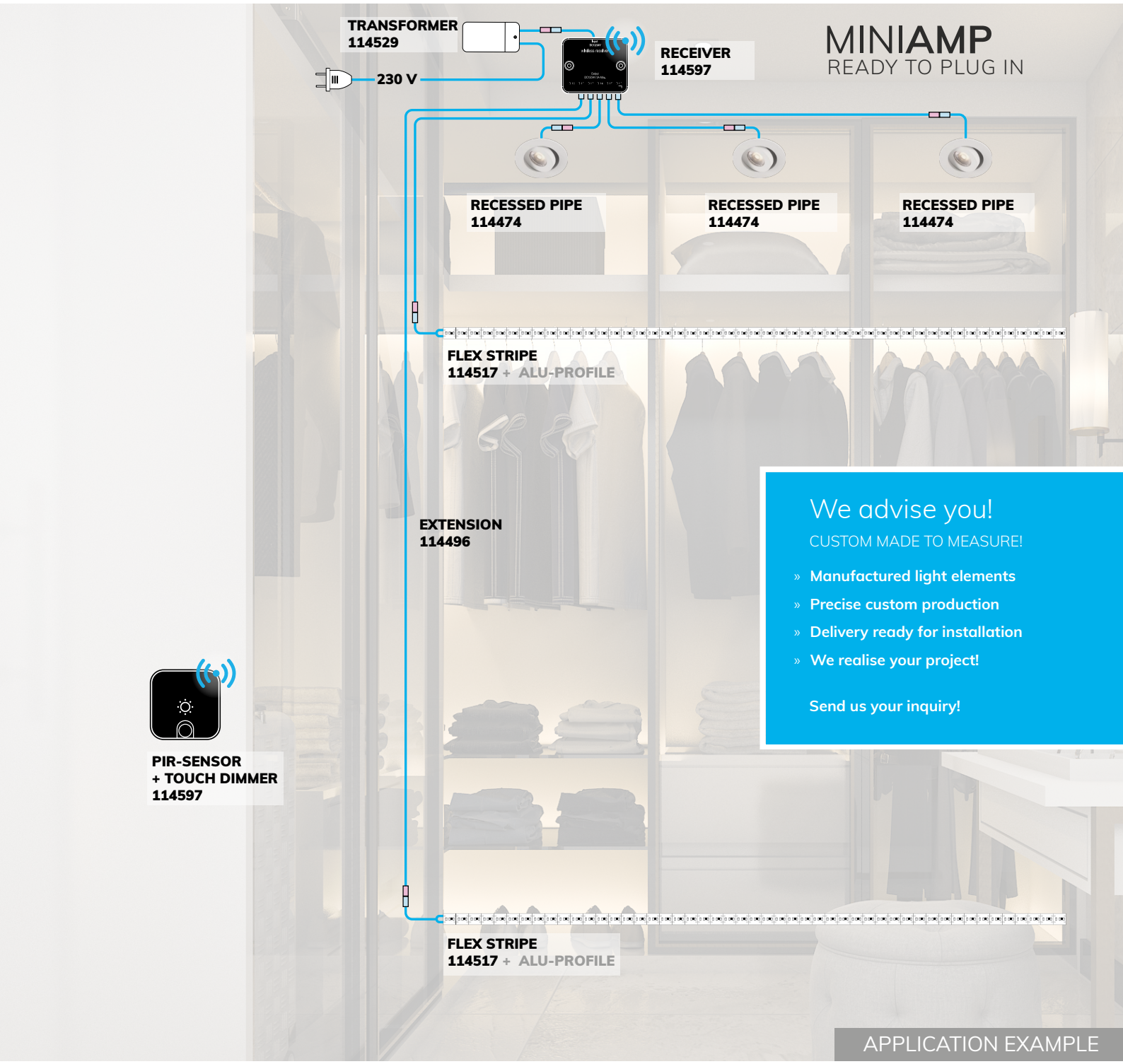
We develop and plan your individual solution together with you. Examples of use

Note the maximum current carrying capacity (see Page 76).

CALCULATION

Trafo 0 - 30 W

114474		3 pcs. ×	3 W
114517	+	2 × 1,2 m ×	6 W
	=		**23,4 W**



We advise you!

CUSTOM MADE TO MEASURE!

- Manufactured light elements
- Precise custom production
- Delivery ready for installation
- We realise your project!

Send us your inquiry!

APPLICATION EXAMPLE

This figure is a schematic representation without binding dimensions etc.

BATHROOM

Examples of use | We develop and plan your individual solution together with you.

CALCULATION

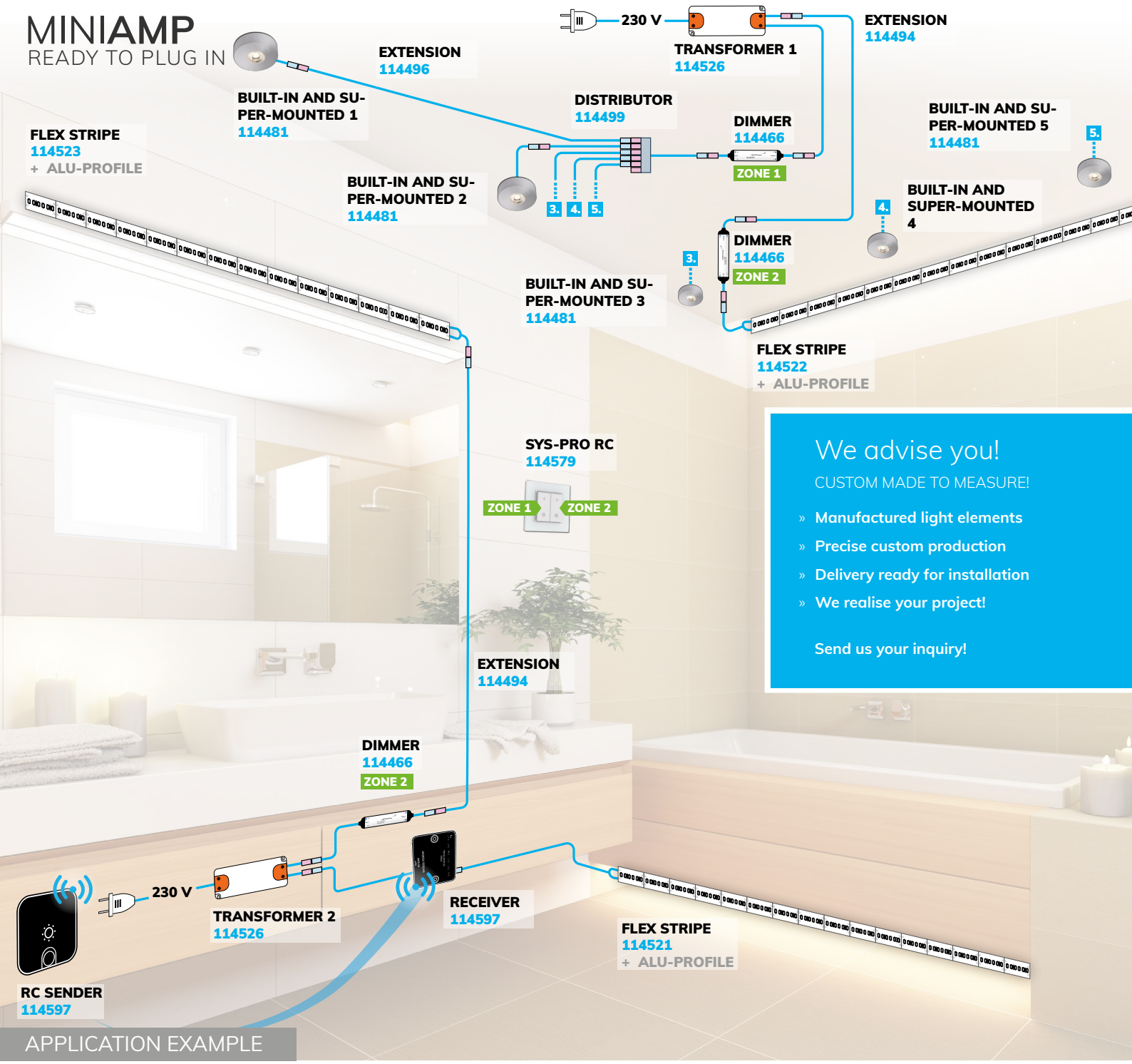
Note the maximum current carrying capacity (see Page 76).

Trafo 1 0 - 50 W

114522		2,5 m	×	12 W
114481	+	5 pcs.	×	3 W
	=			**45 W**

Trafo 2 0 - 50 W

114523		1,2 m	×	12 W
114521	+	2 m	×	12 W
	=			**38,4 W**



We advise you!

CUSTOM MADE TO MEASURE!

- Manufactured light elements
- Precise custom production
- Delivery ready for installation
- We realise your project!

Send us your inquiry!

APPLICATION EXAMPLE

This figure is a schematic representation without binding dimensions etc.

SHOWROOM JEWELLER

We develop and plan your individual solution together with you. Examples of use

Note the maximum current carrying capacity (see Page 76).

CALCULATION

Trafo 1 0 - 30 W

114691 4 pcs. × 5 W
= **16 W**

Trafo 2 0 - 50 W

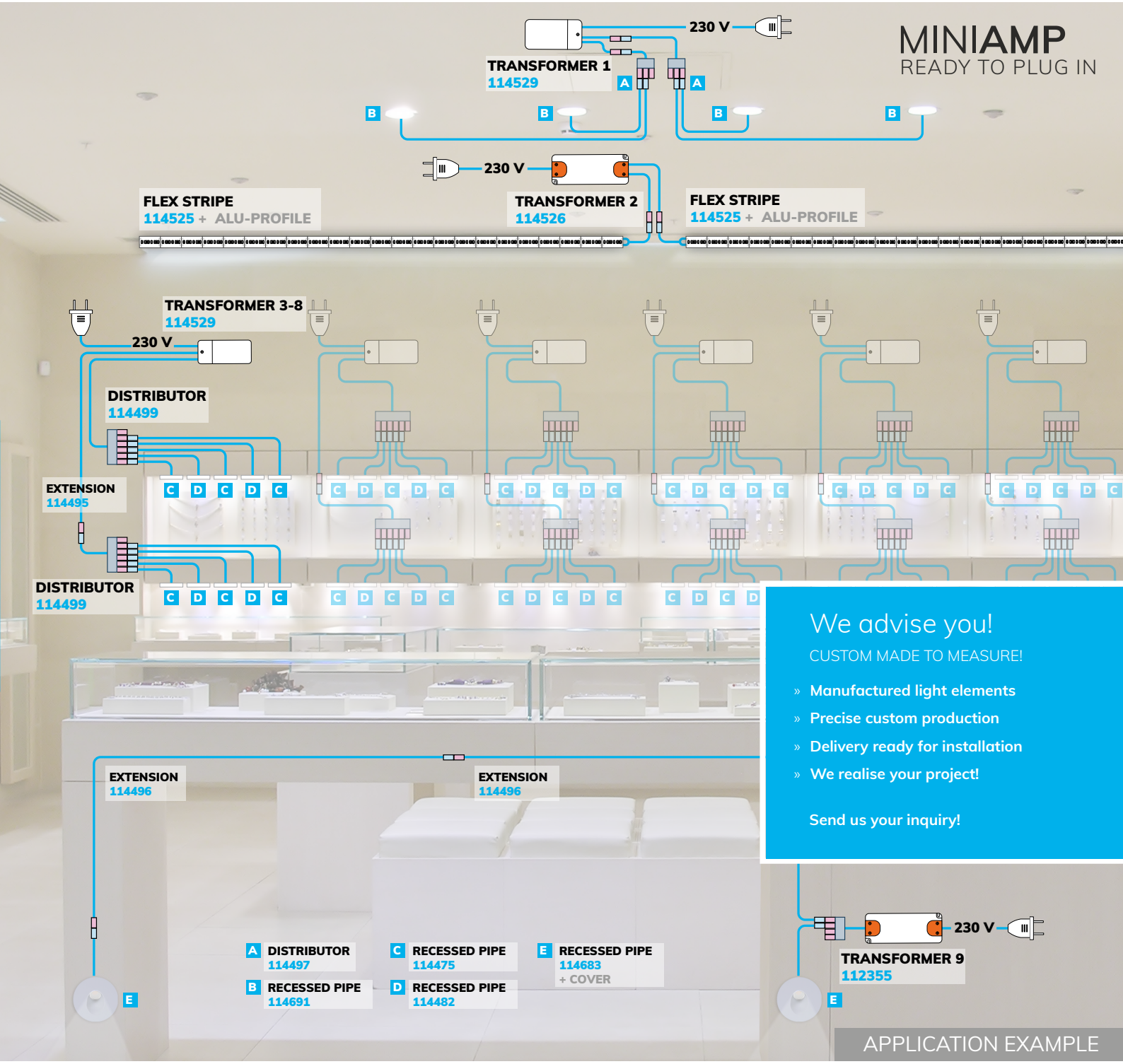
114525 2 × 1,8 m × 12 W
= **43,2 W**

Trafos 3-8 0 - 30 W

114475 6 pcs. × 3 W
114482 + 4 pcs. × 1 W
= **22 W**

Trafo 9 0 - 15 W

114683 2 pcs. × 3 W
= **6 W**



We advise you!

CUSTOM MADE TO MEASURE!

- Manufactured light elements
- Precise custom production
- Delivery ready for installation
- We realise your project!

Send us your inquiry!

APPLICATION EXAMPLE

This figure is a schematic representation without binding dimensions etc.

Work surface lighting

Under-cabinet light

Indirect effect lighting

The ready-to-plug-in lighting solution for professional installation without specialist electrical work

"Not only the products, but also great delivery times and fast returns processing convinced us of ISOLED."

Feedback from customer survey 2022

ISOLED
CUSTOMISED LIGHT SOLUTIONS

MINIAMP
READY TO PLUG IN

LED LIGHTING READY TO PLUG IN

CUSTOMISED LIGHT SOLUTIONS

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LED recessed lights

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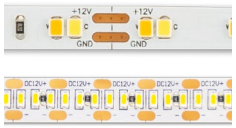
LED surface mounted lights



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LED profiles

PAGE 77
Installation material

- FAST AND SAFE MOUNTING
- RELIABLE, READY-TO-PLUG-IN TRANSFORMER SYSTEMS
- FLAT AND SPACE-SAVING LIGHTWEIGHT DESIGN
- NO ELECTRICAL WORK NECESSARY
- READY TO PLUG IN QUICK CONNECTION
- HIGH QUALITY DIMMERS, SENSORS AND WACCESSORIES

LED LIGHTING
READY TO PLUG IN

LED recessed lights

#1 SUCCESS FACTORS
COMPETENT CUSTOMER SERVICE
PERSONAL SERVICE

WE ADVISE YOU!
Together with you we develop your individual solution. We realise your project!

LED SYS-68 RECESSED SPOTS

A SOLUTION FOR EVERY DESIGN DREAM!

IP65

PRODUCT COMPATIBILITY AND DESIGN VARIETY

3 LED spotlights recessed can be combined with 13 covers
Protection class IP65 - for outdoor use, in wet rooms and damp locations

M

neutral white (4.000 k) or warm white (3.000 k)
» DIMMABLE

Ø 68 mm

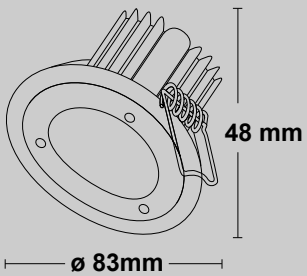
SPOTLIGHT RECESSED

24 V DC | 8 watt IP65 | CRI80 | Dimmable

cable length: 200 cm Instal-lati on depth: 35mm

115080

115081



COVER ALUMINIUM ROUND

WHITE MATT
113058

BLACK MATT
113059

ALU BRUSHED
113060

GOLD BRUSHED
113061

CHROME
113062

STAINLESS STEEL
113350

WHITE MATT ROUND/EDGE
113499

ALU BRUSHED ROUND/EDGE
113500

COVER ALUMINIUM SQUARE

WHITE MATT
113063

BLACK MATT
113064

ALU BRUSHED
113065

GOLD BRUSHED
113066

CHROME
113067

EXPANSION RING

RECESSED EXPAN-SION RING ROUND WHITE MATT
113351

RECESSED EXPAN-SION RING ROUND BLACK MATT
113352

LED SYS-90 RECESSED SPOTS

Ø 90 mm

spotlights recessed in 3,000 K and 4,000 K

1 spotlight recessed +
7 selectable covers

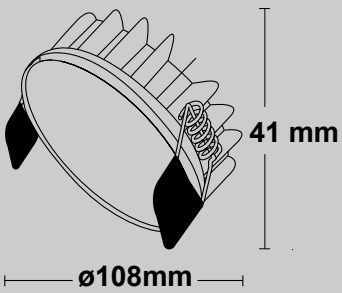
SPOTLIGHT RECESSED

24 V DC | 8 watt IP65 | CRI80 | Dimmable

cable length: 100 cm Installation depth: 59 mm

114882

114881



COVER ALUMINIUM

BLACK 113338

CHROME MATT 113337

WHITE 113336

COVER ALUMINIUM SET BACK

BLACK 113355

CHROME MATT 113431

WHITE 113356

WHITE 113339

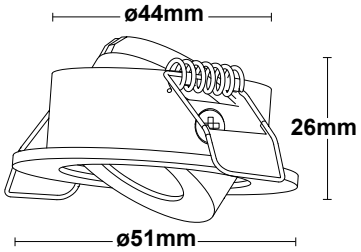
NEW

LED recessed luminaire

12 V DC | 3 Watt | IP40 | dimmable
Cable length 100 cm
Installation depth 26 mm

M

Ø 44 mm



WARM WHITE

Luminous flux: 290 Lm
Color temp: 3.000 K

115628

WARM WHITE

Luminous flux: 290 Lm
Color temp: 3.000 K

115629

WARM WHITE

Luminous flux: 290 Lm
Color temp: 3.000 K

115630

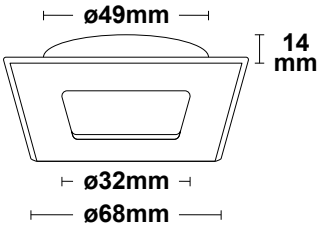
NEW

LED recessed luminaire

3 Watt | IP40 | dimmable
Cable length 100 cm
Installation depth 11.5 mm

M

Ø 49 mm



12 V DC
24 V DC

12 V DC
24 V DC

WARM WHITE

Luminous flux: 180 Lm
Color temp: 3.000 K

24 V | 115719
12 V | 115721

WARM WHITE

Luminous flux: 180 Lm
Color temp: 3.000 K

24 V | 115718
12 V | 115720

DYNAMIC WHITE

Luminous flux: 175 Lm
Color temp: 1.900 K - 5.000 K

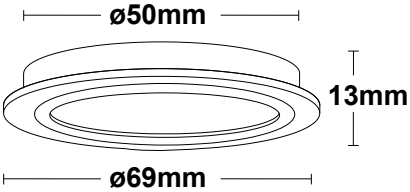
115726

NEW

LED recessed luminaire

3 Watt | IP40 | dimmable
Cable length 100 cm
Installation depth 10.5 mm

Ø 50 mm



WARM WHITE

Luminous flux: 205 Lm
Color temp: 3.000 K

24 V | 115723
12 V | 115725

WARM WHITE

Luminous flux: 205 Lm
Color temp: 3.000 K

24 V | 115722
12 V | 115724

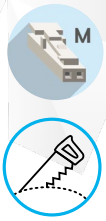
DYNAMIC WHITE

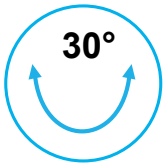
Luminous flux: 185 Lm
Color temp: 1.900 K - 5.000 K

115821

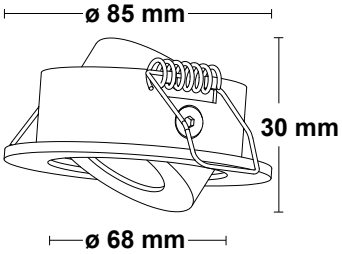
LED recessed luminaire SLIM68

24 V DC | 8 Watt | IP40 swiveling
Cable length 100 cm
Installation depth 28 mm





Ø 68 mm



Dimmable

WARM WHITE
Luminous flux: 850 Lm
Color temp: 3.000 K
E 114887

WARM WHITE
Luminous flux: 850 Lm
Color temp: 3.000 K
E 114889

WARM WHITE
Luminous flux: 850 Lm
Color temp: 3.000 K
E 114926

NEUTRAL WHITE
Luminous flux: 960 Lm
Color temp: 4.000 K
D 114888

NEUTRAL WHITE
Luminous flux: 960 Lm
Color temp: 4.000 K
D 114890

NEUTRAL WHITE
Luminous flux: 960 Lm
Color temp: 4.000 K
D 114927

NEW

Not dimmable

WARM WHITE
Luminous flux: 850 Lm
Color temp: 3.000 K
E 115736

WARM WHITE
Luminous flux: 850 Lm
Color temp: 3.000 K
E 115738

WARM WHITE
Luminous flux: 850 Lm
Color temp: 3.000 K
E 115740

NEUTRAL WHITE
Luminous flux: 960 Lm
Color temp: 4.000 K
E 115737

NEUTRAL WHITE
Luminous flux: 960 Lm
Color temp: 4.000 K
E 115739

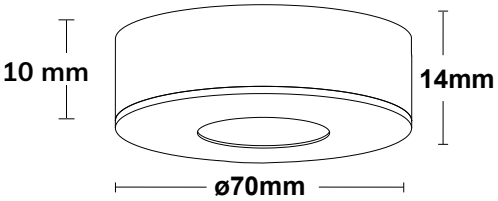
NEUTRAL WHITE
Luminous flux: 960 Lm
Color temp: 4.000 K
E 115741

LED Slim Surface-recessed and under-cabinet luminaires

12 V DC | 3 Watt | IP52 | dimmable Cable length 100 cm Installation depth 10 mm

M

A T G G



Ø 59 mm

WARM WHITE

Luminous flux: 160 Lm
Color temp: 2.800 K
112354

WARM WHITE

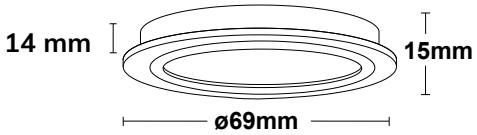
Luminous flux: 160 Lm
Color temp: 2.800 K
113761

LED spotlights recessed

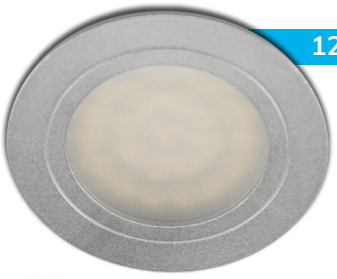
12 V DC | 2 Watt | IP 40 | dimmable
Cable length 100 cm Installation depth 14 mm

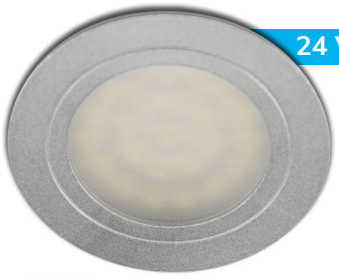
M

A T G F



Ø 58 mm





WARM WHITE

Luminous flux: 140 Lm
Color temp: 3.000 K
114467

WARM WHITE

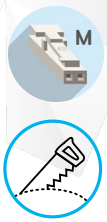
Luminous flux: 140 Lm
Color temp: 3.000 K
114468

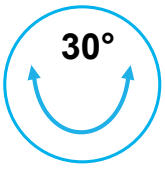
NEUTRAL WHITE

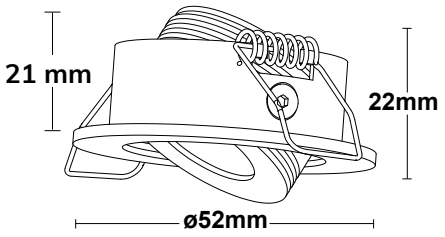
Luminous flux: 150 Lm
Color temp: 4.000 K
114469

LED recessed luminaire

24 V DC | 3 Watt | IP 40 | dimmable
set back
Cable length: 100 cm
Installation depth: 21 mm







G

WARM WHITE

Luminous flux: 250 Lm
Color temp: 3.000 K
114470

WARM WHITE

Luminous flux: 250 Lm
Color temp: 3.000 K
114472

WARM WHITE

Luminous flux: 250 Lm
Color temp: 3.000 K
114473

NEUTRAL WHITE

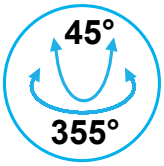
Luminous flux: 260 Lm
Color temp: 4.000 K
114471

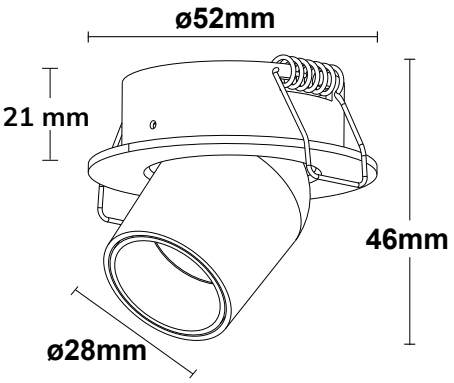
NEUTRAL WHITE

Luminous flux: 260 Lm
Color temp: 4.000 K
114474

LED Recessed luminaire Pipe

24 V DC | 3 Watt | IP 40 | dimmable | set back
Cable length: 100 cm
Installation depth: 21 mm





G

WARM WHITE

Luminous flux: 220 Lm
Color temp: 3.000 K
114476

WARM WHITE

Luminous flux: 210 Lm
Color temp: 3.000 K
114477

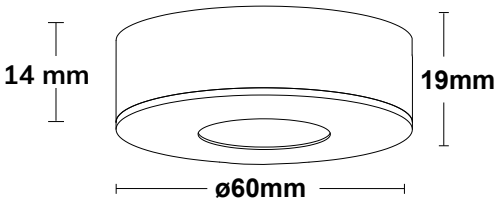
NEUTRAL WHITE

Luminous flux: 250 Lm
Color temp: 4.000 K
114475

LED recessed and under cabinet light

24 V DC | 3 Watt | IP42 | dimmable
Cable length: 100 cm
Installation depth: 14 mm

Ø 50 mm



WARM WHITE

Luminous flux: 220 Lm
Color temp: 3.000 K

114478

WARM WHITE

Luminous flux: 210 Lm
Color temp: 3.000 K

114480

WARM WHITE

Luminous flux: 210 Lm
Color temp: 3.000 K

114481

NEUTRAL WHITE

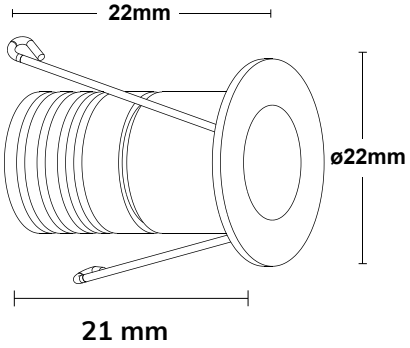
Luminous flux: 220 Lm
Color temp: 4.000 K

114479

LED recessed luminaire

24 V DC | 1 Watt | IP 42 | dimmable | set back
Cable length: 100 cm
Installation depth: 21 mm

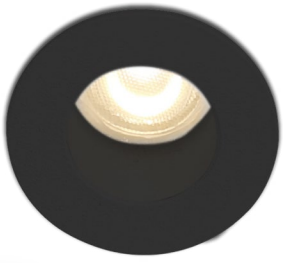
Ø 16 mm



WARM WHITE

Luminous flux: 60 Lm
Color temp: 3.000 K

114482



WARM WHITE

Luminous flux: 60 Lm
Color temp: 3.000 K

114484

WARM WHITE

Luminous flux: 60 Lm
Color temp: 3.000 K

114485

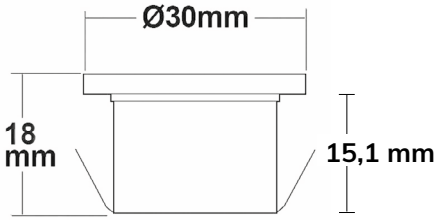
NEUTRAL WHITE

Luminous flux: 65 Lm
Color temp: 4.000 K

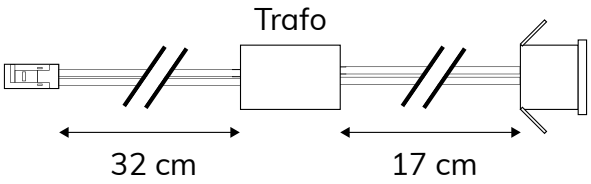
114483

LED SPOT

12 V DC or 700 MA | 3 Watt | IP54 | 100°
Cable length: 32 cm + 17 cm
Installation depth: 15,1 mm



Ø 26 mm



WARM WHITE

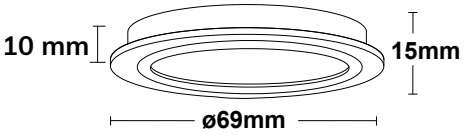
Luminous flux: 160 Lm
Color temp: 3.000 K
111406

COLD WHITE

Luminous flux: 170 Lm
Color temp: 6.000 K
111407

LED Furniture spotlights recessed

3-4 Watt | IP42 | 60° | dimmable
Cable length: 100 cm
Installation depth 10 mm



Ø 55 mm

WARM WHITE | 4W

Luminous flux: 350 Lm
Color temp: 3.000 K
114680

WARM WHITE | 4W

Luminous flux: 350 Lm
Color temp: 3.000 K
114681

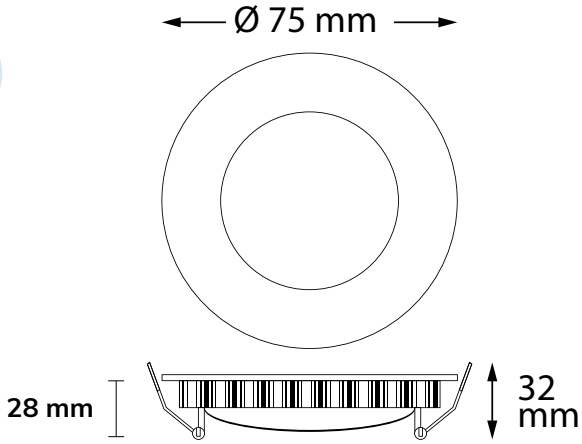
DYNAMIC WHITE | 3W

Luminous flux: 180 Lm
Color temp: 1.900 K - 4.000 K
114872

LED Recessed luminaire LUNA

24 V DC | 4 Watt | IP20 | indirect light | dimmable
Cable length: 100 cm
Installation depth: 28 mm

G



Ø 63 mm

WARM WHITE

Luminous flux: 175 Lm
Color temp: 2.700 K
114686

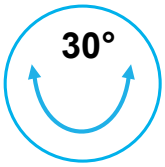
NEUTRAL WHITE

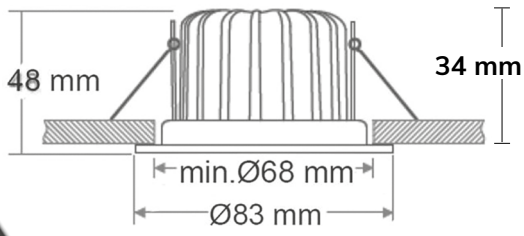
Luminous flux: 200 Lm
Color temp: 4.000 K
114687

LED spotlight recessed SYS-68

24 V DC | 5 Watt | IP52 | 60° | dimmable
swiveling
Cable length: 100 cm
Installation depth: 34 mm

F





Ø 68 mm

WARM WHITE

Luminous flux: 500 Lm
Color temp: 3.000 K
F 114688

WARM WHITE

Luminous flux: 480 Lm
Color temp: 2.700 K
F 114689

WARM WHITE

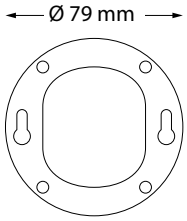
Luminous flux: 500 Lm
Color temp: 3.000 K
F 114690

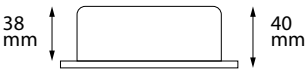
NEUTRAL WHITE

Luminous flux: 550 Lm
Color temp: 4.000 K
E 114691

Recessed LED wall luminaire SYS-Wall68

24 V DC | 3 Watt | IP44
Cable length: 100 cm
Installation depth: 38 mm





Ø 59 mm

PLASTER OPTION

The luminaire can be screwed directly into cavity walls or inserted into solid walls with the enclosed surface box.

WARM WHITE

Luminous flux: 120 Lm
Color temp: 3.000 K
114682

NEUTRAL WHITE

Luminous flux: 120 Lm
Color temp: 4.000 K
114683

ROUND 1
WHITE
114556

ROUND 1
BLACK
114557

ROUND 2
WHITE
114558

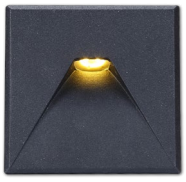
ROUND 2
BLACK
114559

ANGULAR 1
WHITE
114560

ANGULAR 1
BLACK
114561

ANGULAR 1
SILVER GREY
114562

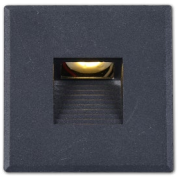
ANGULAR 2
WHITE
114563



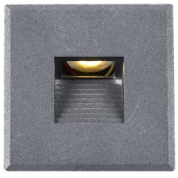
ANGULAR 2
BLACK
114564

ANGULAR 2
SILVER GREY
114565

ANGULAR 3
WHITE
114566



ANGULAR 3
BLACK
114567



ANGULAR 3
SILVER GREY
114568

LED LIGHTING
READY TO PLUG IN

LED surface mounted lights

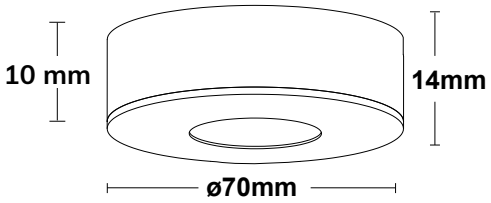
#1 SUCCESS FACTORS
COMPETENT CUSTOMER SERVICE
PERSONAL SERVICE

WE ADVISE YOU!
Together with you we develop your individual solution. We realise your project!

LED Slim Surface-recessed and under-cabinet luminaires

12 V DC | 3 Watt | IP52 | dimmable
Cable length 100 cm
Installation depth 10 mm

A G



Ø 64 mm

WARM WHITE

Luminous flux: 160 Lm
Color temp: 2.700 K
112354

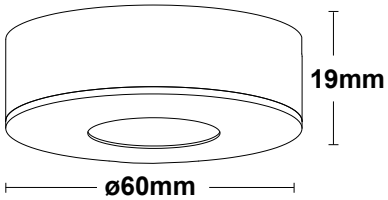
WARM WHITE

Luminous flux: 160 Lm
Color temp: 2.700 K
113761

LED recessed and under cabinet light

24 V DC | 3 Watt | IP42 | dimmable
Cable length: 100 cm
Installation depth: 14 mm

A G



Ø 50 mm

WARM WHITE

Luminous flux: 220 Lm
Color temp: 3.000 K
114478

WARM WHITE

Luminous flux: 210 Lm
Color temp: 3.000 K
114480

WARM WHITE

Luminous flux: 210 Lm
Color temp: 3.000 K
114481

NEUTRAL WHITE

Luminous flux: 220 Lm
Color temp: 4.000 K
114479

LED LIGHTING
READY TO PLUG IN
LED flex stripes

PAGE PAGE 36
MiniAMP flex stripes
single color

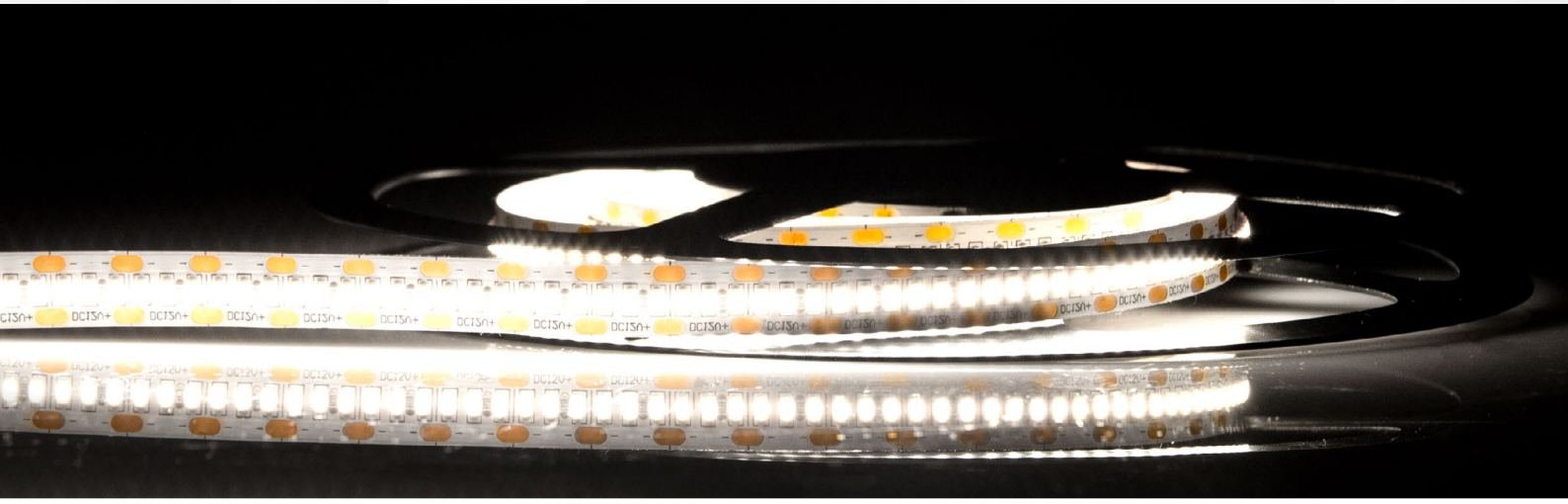
PAGE 42
MiniAMP flex stripes
dynamic white

#1 SUCCESS FACTORS
COMPETENT CUSTOMER SERVICE
PERSONAL SERVICE

WE ADVISE YOU!
Together with you we develop your individual solution. We realise your project!

ISOLED
CUSTOMISED LIGHT SOLUTIONS

Flex stripes single color



12 V **24 V**

1,2 m **2,5 m** **5 m**

6 W **7 W** **12 W**

92 - 104 Lm/W

NEUTRAL WHITE
4000 Kelvin

WARM WHITE
3000 Kelvin

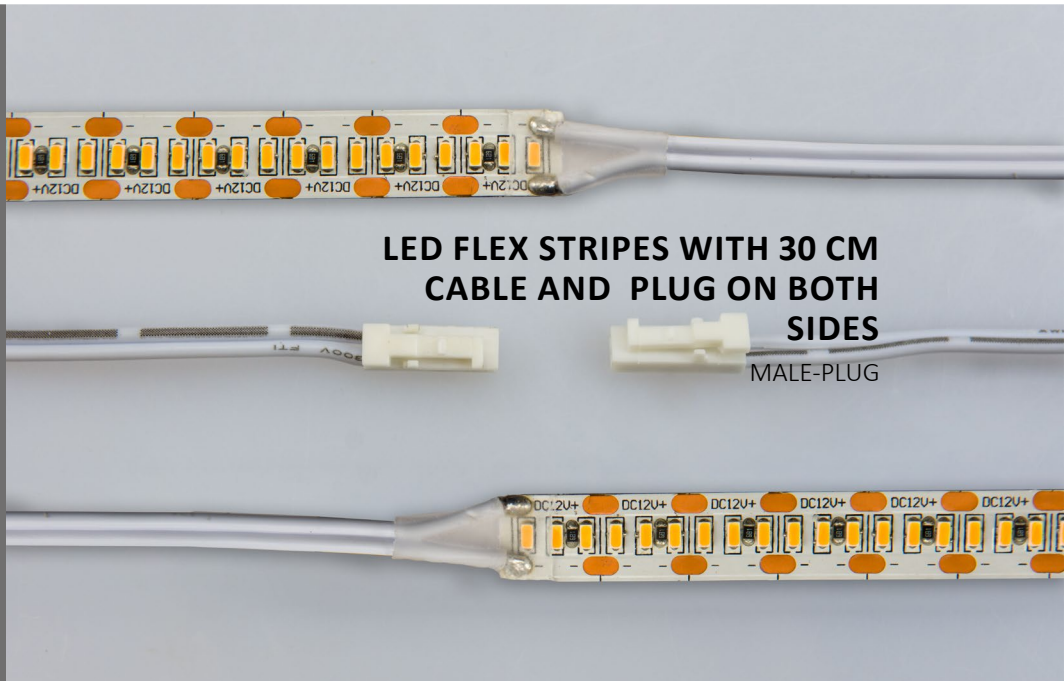
WARM WHITE
2700 Kelvin

WARM WHITE
2500 Kelvin

Homogenous light line
High chip density
Small separation sections

Double-sided 30cm cable
For individual lengths cut the flex tape

All LED flex stripes from our range can be assembled ready to plug in.



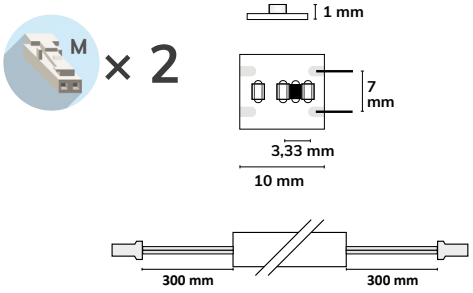
12V LED MINIAMP FLEX STRIPE
6 WATT | IP20

10 mm Width

300 LED/ METER
max. 5 m / feed-in

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

Separation point	10 mm
Width:	10 mm
Height:	1 mm
Pitch:	3,33 mm
Hours:	20.000 h L70|B10



1:1 DIMENSION

Double-sided 30 cm cable with plug

114501 1,2 METER | **114502** 2,5 METER | **114503** 5 METER

LED CRI925 MiniAMP 12V-Flex stripe

Warm white | 2500 K | CRI90
580 Lumen/Meter | 97 Lm/W
Active power: 6 Watt/meter

114504 1,2 METER | **114505** 2,5 METER | **114506** 5 METER

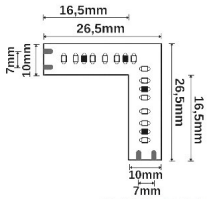
LED CRI930 MiniAMP 12V-Flex stripe

Warm white | 3000 K | CRI92
650 Lumen/Meter | 108 Lm/W
Active power: 6 Watt/meter

114507 1,2 METER | **114508** 2,5 METER | **114509** 5 METER

LED CRI940 MiniAMP 12V-Flex stripe

Neutral white | 4000 K | CRI93
700 Lumen/Meter | 117 Lm/W
Active power: 6 Watt/meter



115134 2.500 K (for item no. 114501 | 114502 | 114503)

115135 3.000 K (for item no. 114504 | 114505 | 114506)

115136 4.000 K (for item no. 114507 | 114508th | 114509)

114871
Clip connector with universal cable | 2 pole

115503
Corner connector for PCB Flexband | 2-pole

114869
Clip cable connection universal 2-pole

114870
Clip corner connector universal 2-pole

114868
Clip connector universal 2-pole

1:1
DIMENSION

NEW

12V LED MINIAMP FLEX STRIPE 7 WATT | IP20

5 mm Width

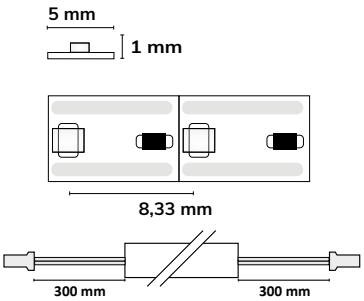
120 LED/ METER
max. 5 m / feed-in

12 V DC Voltage

6,5 W/m Power

IP20 Protection class

Separation point	8,3 mm
Width:	5 mm
Height:	1 mm
Pitch:	8,33 mm
Hours:	20.000 h L70|B10



Double-sided 30 cm cable with plug

115748 5 METER

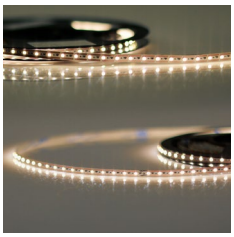
LED MiniAMP 12V flex stripe

warm white | 2700 K | CRI90
625 Lumen/Meter | 96 Lm/W
Active power: 6.5 Watt/meter

115749 5 METER

LED MiniAMP 12V flex stripe

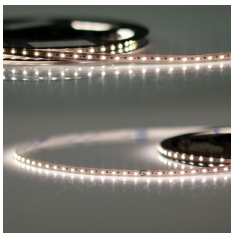
Warm white | 3000 K | CRI90
650 Lumen/Meter | 100 Lm/W
Active power: 6.5 Watt/meter



115750 5 METER

LED MiniAMP 12V flex stripe

Neutral white | 4000 K | CRI90
675 Lumen/Meter | 104 Lm/W
Active power: 6.5 Watt/meter



115758
Clip cable connection universal | 2-pole

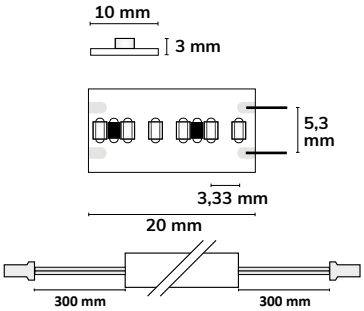
115760
MiniAMP male connector to clip cable connector | 2-pole

115757
Clip connector universal 2-pole

12V LED MINIAMP FLEX STRIPE 12 WATT | IP20

ATG F

1:1 DIMENSION



10 mm Width	300 LED/ METER max. 3 m / feed-in
12 V DC Voltage	12 W/m Power
IP20 Protection class	

Separation point	20 mm
Width:	10 mm
Height:	1 mm
Pitch:	3,33 mm
Hours:	20.000 h L70|B10

Double-sided 30 cm cable with plug

114510 1,2 METER | **114511** 2,5 METER

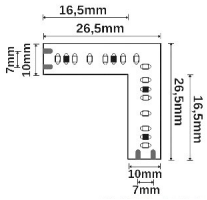
LED CRI930 MiniAMP 12V-Flex stripe

Warm white | 3000 K | CRI92
1100 Lumen/Meter | 92 Lm/W
Active power: 12 Watt/meter

114512 1,2 METER | **114513** 2,5 METER

LED CRI940 MiniAMP 12V-Flex stripe

Neutral white | 4000 K | CRI93
1150 Lumen/Meter | 96 Lm/W
Active power: 12 Watt/meter



Corner connector luminous

3.000 K (for item.no 114510 | 114511)
115140

4.000 K (for item.no 114512 | 114513)
115141

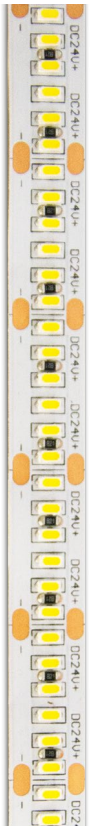
114869
Clip cable connection universal | 2-pole

114868
Clip connector universal | 2-pole

114871
Clip corner connector | 2-pole

114870
Clip corner connector universal | 2-pole

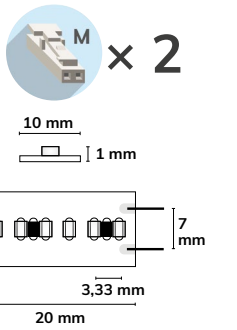
1:1
DIMENSION



24V LED MINIAMP FLEX STRIPE
6 WATT | IP20 E

10 mm Width	**300 LED/ METER** max. 10 m / feed	
24 V DC Voltage	**6 W/m** Power	**IP20** Protection class

Separation point	20 mm
Width:	10 mm
Height:	1 mm
Pitch:	3,33 mm
Hours:	20.000 h L70|B10



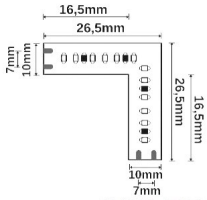
Double-sided 30 cm cable with plug

114514 1,2 METER | **114515** 2,5 METER | **114516** 5 METER

LED CRI930 MiniAMP 24V-Flex stripe
Warm white | 3000 K | CRI92
650 Lumen/Meter | 108 Lm/W
Active power: 6 Watt/meter

114517 1,2 METER | **114518** 2,5 METER | **114519** 5 METER

LED CRI940 MiniAMP 24V-Flex stripe
Neutral white | 4000 K | CRI93
700 Lumen/Meter | 117 Lm/W
Active power: 6 Watt/meter



Corner connector luminous

3.000 K (for item.no. 114514 | 114515 | 114516)
115138

4.000 K (for item.no. 114517 | 114518 | 114519)
115139

114869
Clip cable connection universal | 2-pole

114868
Clip connector universal | 2-pole

114871
Clip corner connector | 2-pole

114870
Clip corner connector universal | 2-pole

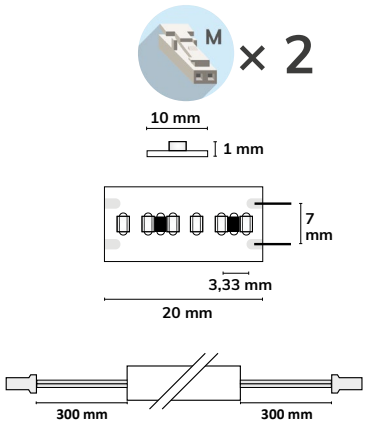
24V LED MINIAMP FLEX STRIPE
12 WATT | IP20 ATG F

10 mm Width

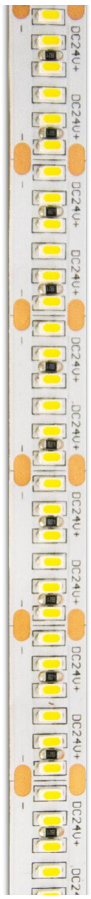
300 LED/ METER
max. 5 m / feed-in

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

Separation point	20 mm
Width:	10 mm
Height:	1 mm
Pitch:	3,33 mm
Hours:	20.000 h L70|B10



1:1 DIMENSION



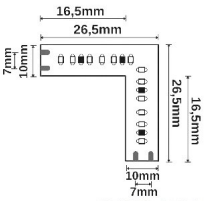
Double-sided 30 cm cable with plug

114520 1,2 METER | **114521** 2,5 METER | **114522** 5 METER

LED CRI930 MiniAMP 24V-Flex stripe
Warm white | 3000 K | CRI92
1100 Lumen/Meter | 92 Lm/W
Active power: 12 Watt/meter

114523 1,2 METER | **114524** 2,5 METER | **114525** 5 METER

LED CRI940 MiniAMP 24V-Flex stripe
Neutral white | 4000 K | CRI93
1150 Lumen/Meter | 96 Lm/W
Active power: 12 Watt/meter



Corner connector luminous

3.000 K (for item.no. 114520 | 114521 | 114525)
115142

4.000 K (for item.no. 114523 | 114524 | 114525)
115143

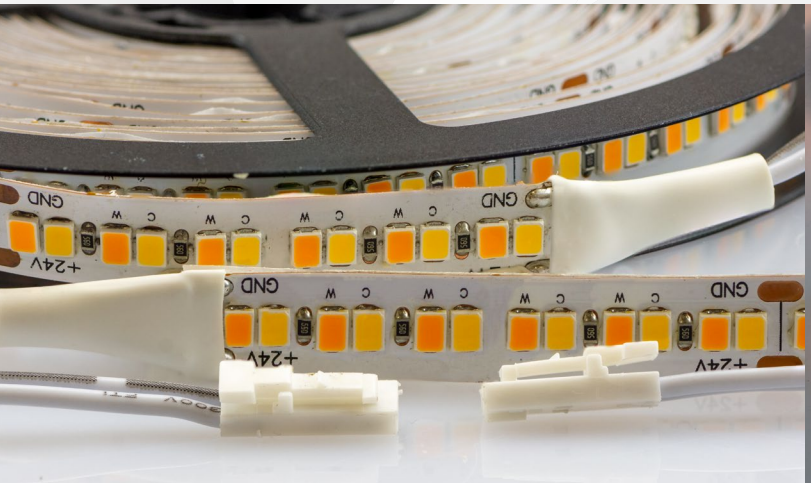
114869
Clip cable connection universal | 2-pole

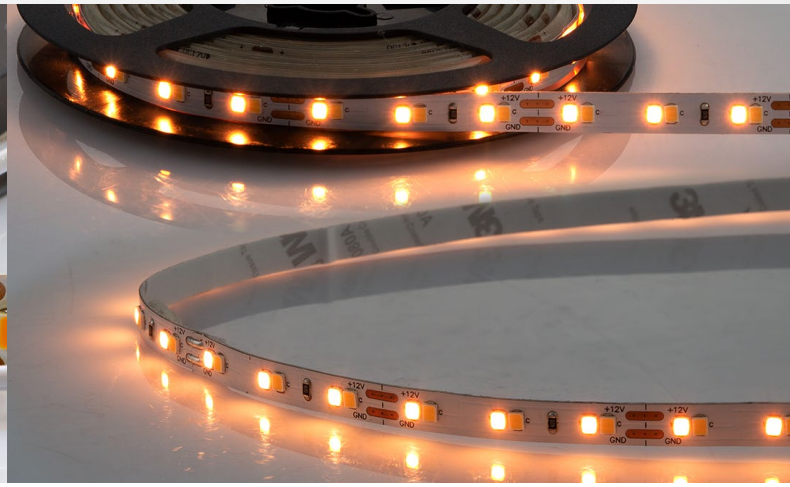
114868
Clip connector universal | 2-pole

114871
Clip corner connector | 2-pole

114870
Clip corner connector universal | 2-pole

Flex stripes dynamic white





12 V **24 V**

1,2 m **2,5 m** **5 m**

10 W **15 W** **20 W**

87 - 111 Lm/W

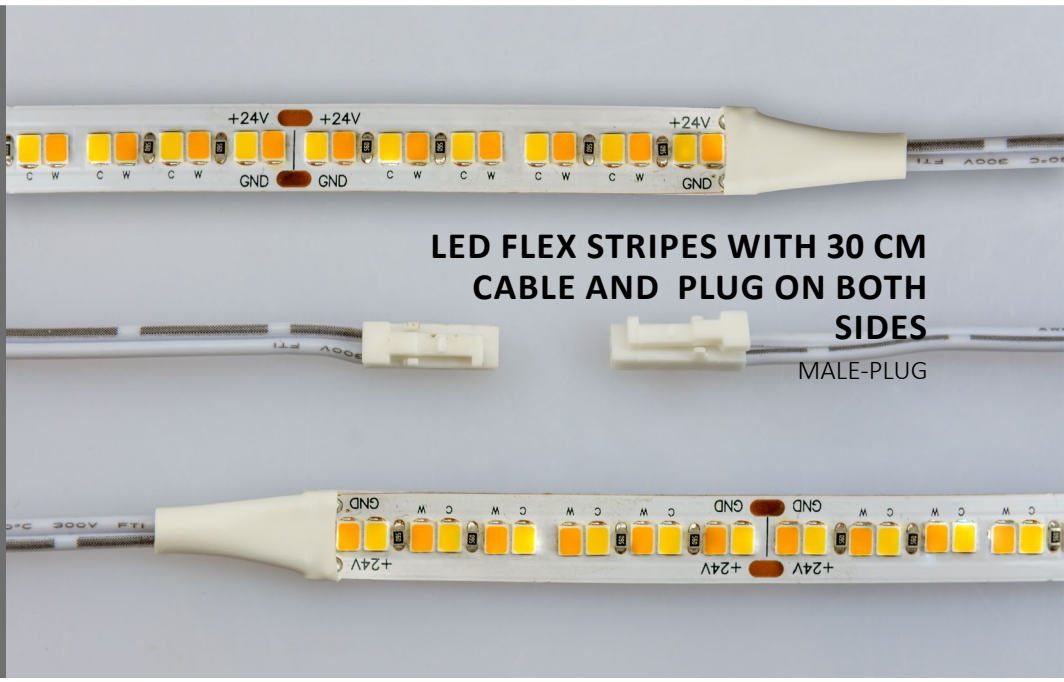
NEUTRAL WHITE
4000 Kelvin

WARM WHITE
1900 Kelvin

Homogenous light line
High chip density
Small separation sections

Double-sided 30cm cable
For individual lengths cut the flex tape

All LED flex stripes from our range can be assembled ready to plug in.



The surface must be degreased before applying the LED flex stripe.

12V LED MINIAMP FLEX STRIPE DYNAMIC WHITE
10 WATT | IP20 A T G E

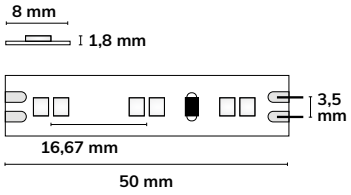
1:1 DIMENSION

8 mm Width

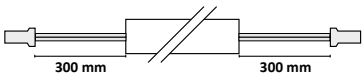
120 LED/ METER
max. 4 m / feed-in

12 V DC Voltage	**9 W/m** Power	**IP20** Protection class

Separation point	50 mm
Width:	8 mm
Height:	1,8 mm
Pitch:	16,67 mm
Hours:	20.000 h L70|B10



Double-sided 30 cm cable with plug



114632 2,5 METER | **114633** 5 METER

LED CRI919/940 MiniAMP 12V-Flex stripe
dynamic white | 1900-4000 K | CRI92
1000 Lumen/Meter | 110 Lm/W
Active power: 9 Watt/meter

114865
Clip cable connection universal | 2-pole

114866
Clip connector with universal cable | 2 pole

114864
Clip connector universal | 2-pole

114867
Clip corner connector universal | 2-pole

1:1 DIMENSION

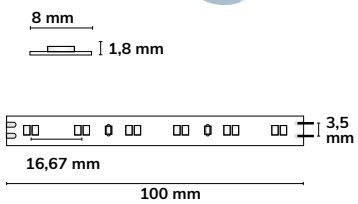
12V LED MINIAMP FLEX STRIPE DYNAMIC WHITE
10 WATT | IP20 A T G E

8 mm Width

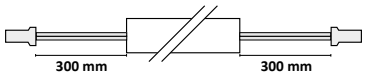
120 LED/ METER
max. 8 m / feed-in

24 V DC Voltage	**9 W/m** Power	**IP20** Protection class

Separation point	100 mm
Width:	8 mm
Height:	1,8 mm
Pitch:	16,67 mm
Hours:	20.000 h L70|B10



Double-sided 30 cm cable with plug



114634 2,5 METER | **114635** 5 METER

LED CRI919/940 MiniAMP 24V-Flex stripe
dynamic white | 1900-4000 K | CRI92
1000 Lumen/Meter | 110 Lm/W
Active power: 9 Watt/meter

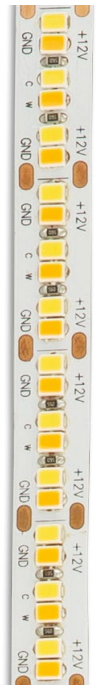
114865
Clip cable connection universal | 2-pole

114866
Clip connector with universal cable | 2 pole

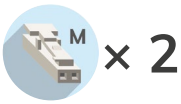
114864
Clip connector universal | 2-pole

114867
Clip corner connector universal | 2-pole

1:1
DIMENSION



12V LED MINIAMP FLEX STRIPE DYNAMIC WHITE
15 WATT | IP20 ATG E

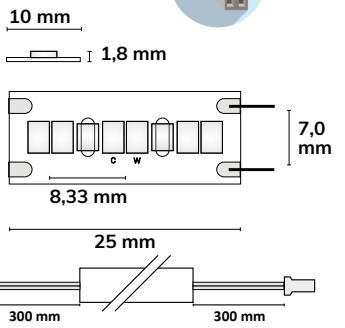


10 mm Width

240 LED/ METER
max. 2.5 m / feed-in

12 V DC Voltage	**14 W/m** Power	**IP20** Protection class

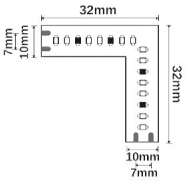
Separation point	25 mm
Width:	10 mm
Height:	1,8 mm
Pitch:	8,33 mm
Hours:	20.000 h L70|B10



Double-sided 30 cm cable with plug

114636 1,2 METER | **114637** 2,5 METER

LED CRI919/940 MiniAMP 12V-Flex stripe
dynamic white | 1900-4000 K | CRI92
1500 Lumen/Meter | 105 Lm/W
Active power: 14 Watt/meter



115186
Corner connector luminous

115503
Corner connector for PCB Flexband | 2-pole

114871
Clip connector with universal cable | 2 pole

114869
Clip cable connection universal 2-pole

114870
Clip corner connector universal 2-pole

114868
Clip connector universal 2-pole

1:1
DIMENSION

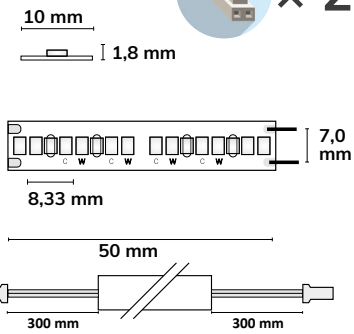
12V LED MINIAMP FLEX STRIPE DYNAMIC WHITE
15 WATT | IP20 ATG E

10 mm Width

240 LED/ METER
max. 5 m / feed-in

24 V DC Voltage	**14 W/m** Power	**IP20** Protection class

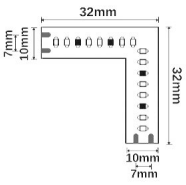
Separation point	50 mm
Width:	10 mm
Height:	1,8 mm
Pitch:	8,33 mm
Hours:	20.000 h L70|B10



Double-sided 30 cm cable with plug

114638 1,2 METER | **114639** 2,5 METER | **114640** 5 METER

LED CRI919/940 MiniAMP 24V-Flex stripe
dynamic white | 1900-4000 K | CRI92
1500 Lumen/Meter | 105 Lm/W
Active power: 14 Watt/meter



115185
Corner connector luminous

115503
Corner connector for PCB Flexband | 2-pole

114871
Clip connector with universal cable | 2 pole

114869
Clip cable connection universal 2-pole

114870
Clip corner connector universal 2-pole

114868
Clip connector universal 2-pole

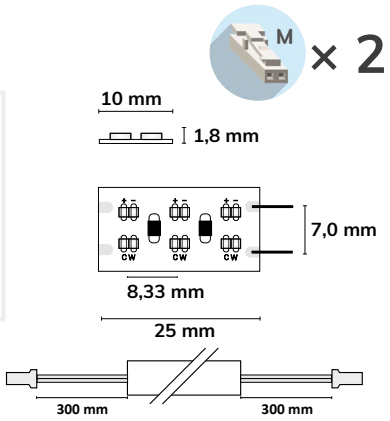
12V LED MINIAMP FLEX STRIPE DYNAMIC WHITE
20 WATT | IP20 F

10 mm Width

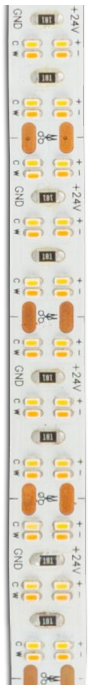
480 LED/ METER
max. 5 m / feed-in

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

Separation point	25 mm
Width:	10 mm
Height:	1,8 mm
Pitch:	8,33 mm
Hours:	20.000 h L70|B10



1:1 DIMENSION



Double-sided 30 cm cable with plug

114641 2,5 METER | **114642** 5 METER

LED CRI919/940 MiniAMP 24V-Flex stripe
dynamic white | 1900-4000 K | CRI92
1650 Lumen/Meter | 85 Lm/W
Active power: 19 Watt/meter

114871
Clip connector with universal cable | 2 pole

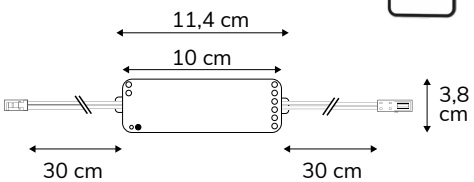
114868
Clip connector universal 2-pole

115503
Corner connector for PCB Flexband | 2-pole

114869
Clip cable connection universal 2-pole

114870
Clip corner connector universal 2-pole

LED Push/Radio PWM Controller
12-24 V DC | 5 A | IP20 | remote control included
Dynamic white
Cable length: Double-sided 30 cm
114643



The controller **114643** can optionally be controlled with all dynamic white remote controls of the ISOLED® SYS-PRO series.

ISOLED
CUSTOMISED LIGHT SOLUTIONS

OPERATION/ INSTALLATION MANUAL

LED Flex stripes

Before applying a flex stripe, the adhesive surface must be cleaned and degreased before use! Do not use alcohol, methylated spirits or cleaning agents for this purpose, but e.g. Art. 113663!

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 rolled.

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!

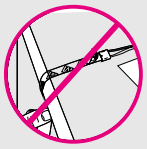
Flex stripes with an active power of >5 W/m require a cooling profiles with a mass of min. 70 g/m. In operation with cover (i.e. without the possibility of convection) min. 140 g/m. Flex stripes with an active power >20 W/m require a cooling profiles with a mass of min. 140 g/m. In operation with cover 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!

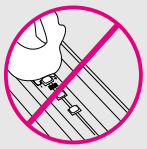
Direct sunlight on the LED chip damages it!

Do not place any objects on the LED flex stripe!

Do not twist!



Do not place around an edge!



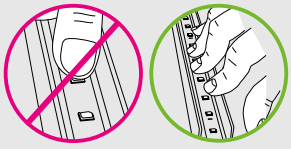
Do not clean LED circuit board!

Use a heat-dissipating base!

Do not exert any tensile load!

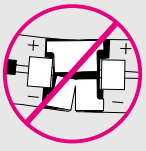
Do not fully unroll the tape! Do not lay the tape on the floor!

Do not bend the LED board!

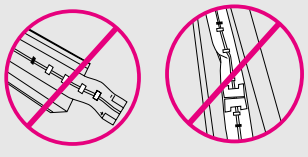


Do not press on the LED chips individually / selectively!

Glue the module over the entire surface to avoid heat accumulation.



Take into account the thermal expansion of the substrate, which can cause stress fractures.



LED LIGHTING
READY TO PLUG IN

LED transformers

#1 SUCCESS FACTORS
COMPETENT CUSTOMER SERVICE
PERSONAL SERVICE

WE ADVISE YOU!
Together with you we develop your individual solution. We realise your project!

Flat | long supply cables | ready to plug in

12 V DC TRANSFORMERS

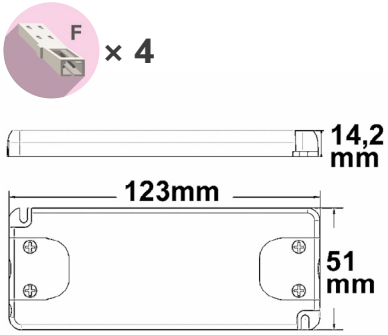
12 V DC | 0-15 W | IP20

120 cm |including flat plugs and 4-way MiniAMP distributor Supply cable length: 120 cm Distributor cable length: 55 cm

NOMINAL VOLTAGE: 100-240 V AC

ACTIVE POWER: 0-15 W

112355



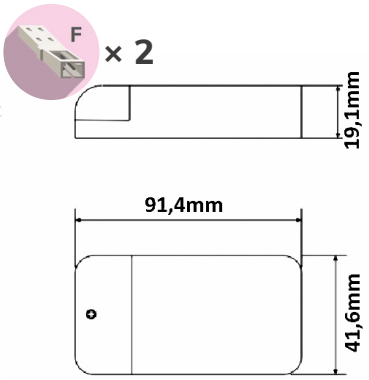
12 V DC | 0-30 W | IP20

200cm cable with flat plug secondary 2 female socket Supply cable length: 190cm Distributor cable length: 2 × 10 cm

NOMINAL VOLTAGE: 100-240 V AC

ACTIVE POWER: 0-30 W

114528



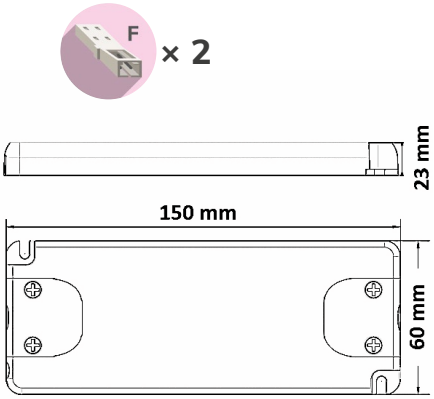
12 V DC | 0-50 W | IP20

120cm cable with flat plug secondary 2 female sockets Supply cable length: 120 cm Distributor cable length: 2 × 10 cm

NOMINAL VOLTAGE: 12 V DC

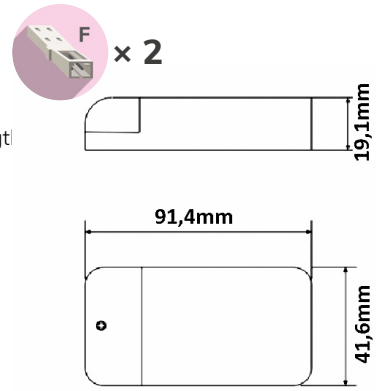
ACTIVE POWER: 0-50 W

114527



24 V DC TRANSFORMERS

24 V DC | 0-30 W | IP20



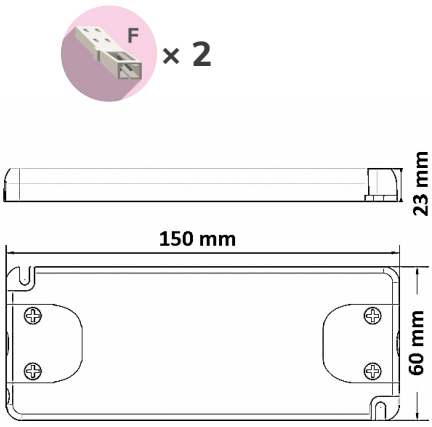
200 cm cable with flat plug
secondary 2 female sockets Supply cable lengt
tributor cable length: 2 × 10 cm

NOMINAL VOLTAGE: 100-240 V AC

ACTIVE POWER: 0-30 W

114529

24 V DC | 0-50 W | IP20



120 cm cable with flat plug
120 cm cable with flat plug secondary
2 female sockets Supply cable length:
120 cm Distributor cable length:
2 × 10 cm

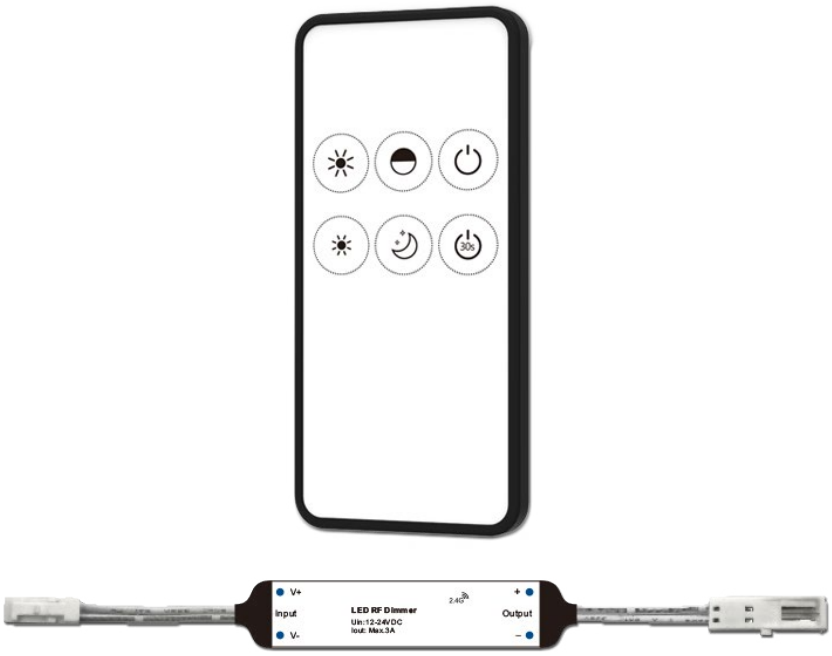
NOMINAL VOLTAGE: 24 V DC

ACTIVE POWER: 0-50 W

114526

LED LIGHTING
READY TO PLUG IN

LED dimmer and sensors



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PERSONAL SERVICE

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Together with you we develop your individual solution. We realise your project!

ISOLED
CUSTOMISED LIGHT SOLUTIONS

LIVING ROOM

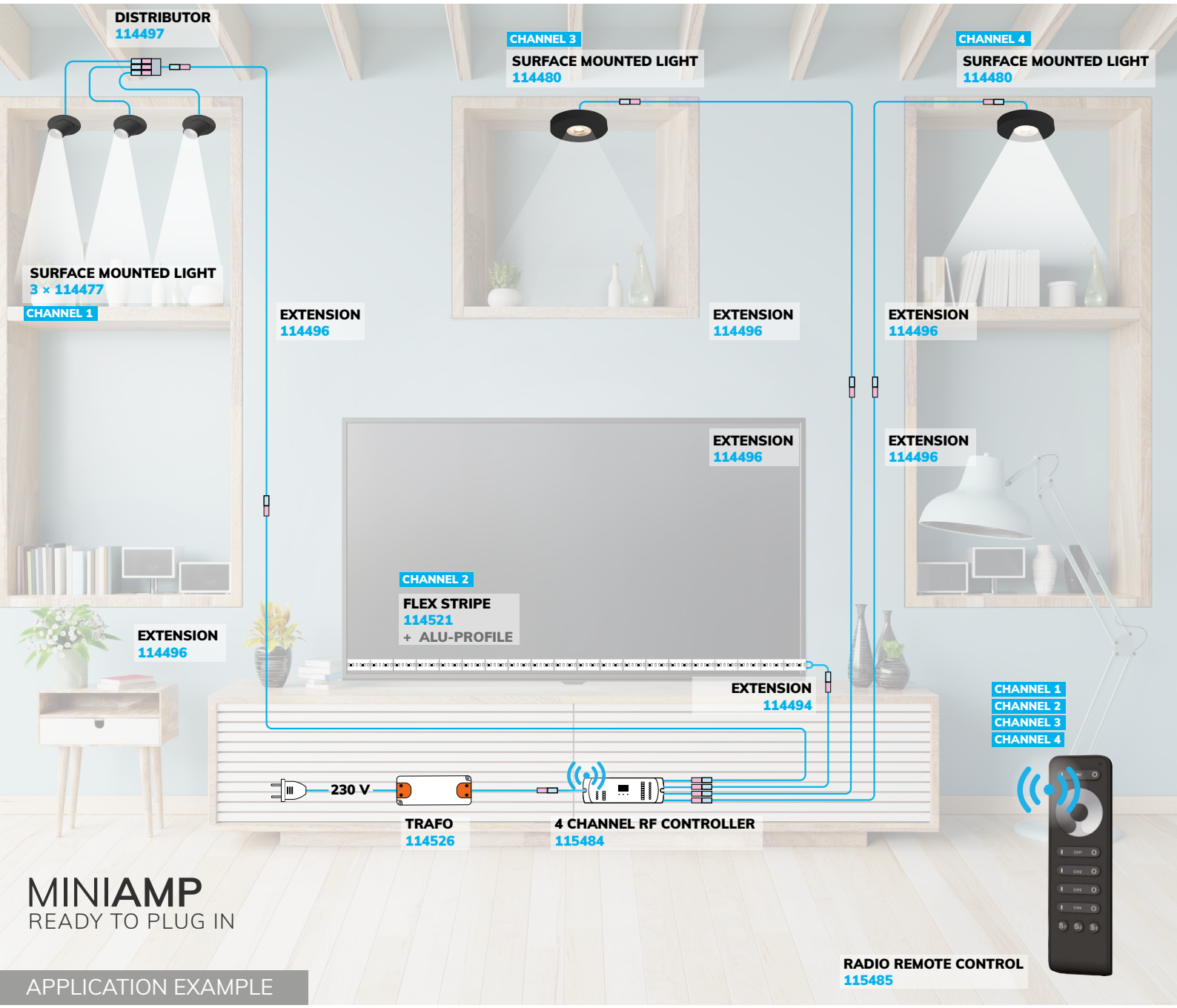
Examples of use | We develop and plan your individual solution together with you.

CALCULATION

Note the maximum current carrying capacity (see Page 76).

Trafo 1 0 - 50 W

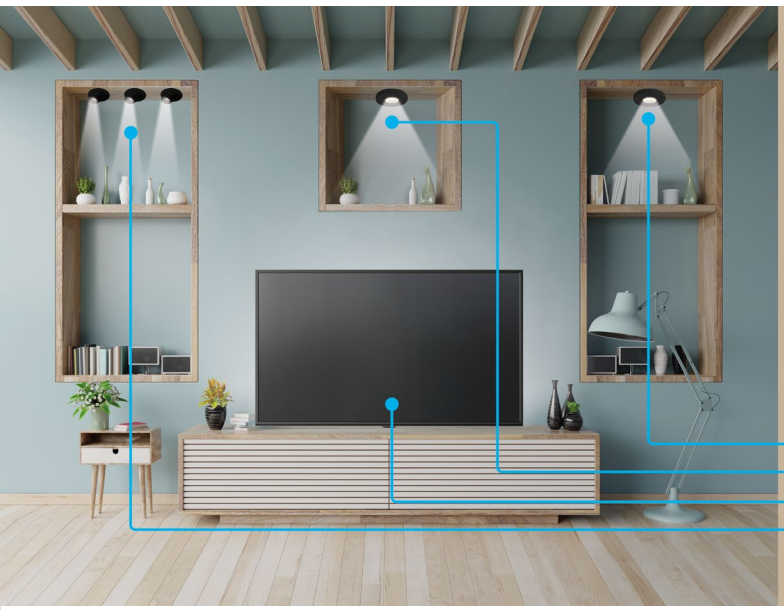
114526	2,5 m	×	12 W
+	3 pcs.	×	3 W
+	1 pc.	×	3 W
+	1 pc.	×	3 W
=			**45 W**



MINIAMP
READY TO PLUG IN

APPLICATION EXAMPLE

This figure is a schematic representation without binding dimensions etc.



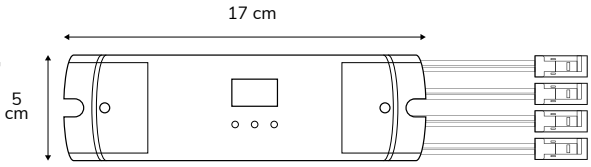
Cosy evening lighting or prefer invigorating morning atmosphere?

Create your desired atmosphere with the push of a button and control up to four light areas with onlyone remote control!

LED Wireless Mesh 4 Zones PWM Dimmer

12-24 V DC | 4x5 A | IP20 | 1-4 channel

115484



Our dimmable 4-channel LED controller has a mesh function and four separately controllable outputs. It is perfect for staging living walls or for lighting construction (Up + Down lights).

In combination with our remote control, three scenes of your choice can be stored. And: Your last selected setting is retained even after disconnecting the power supply!

Remote control

3 Scene memory

115485

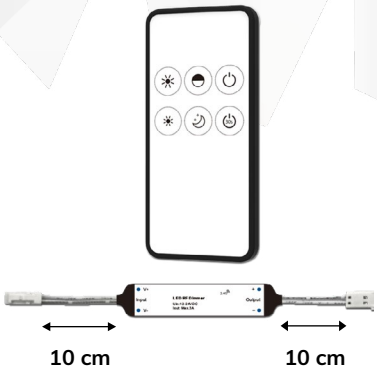
LED Radio PWM dimmer

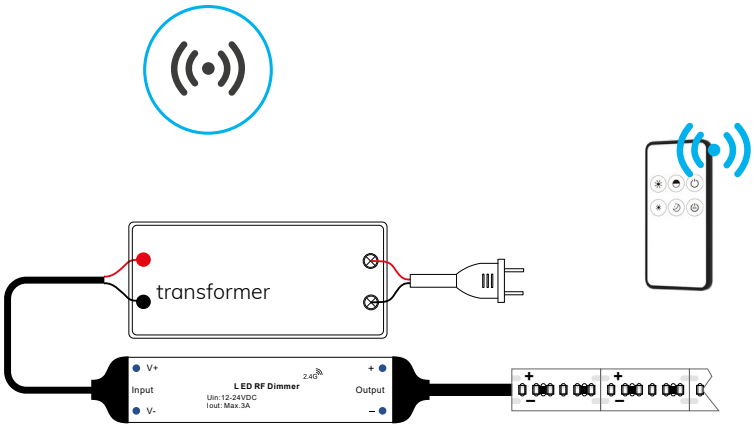
12-24 V DC | 3 A | IP20 | incl. remote control

114466

F

M





LED Push/Radio PWM Controller

12-24 V DC | 5 A | IP20 | remote control included

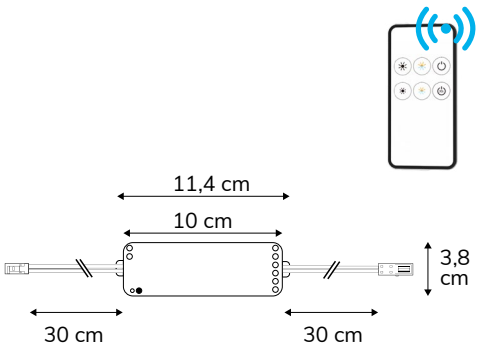
Whitedynamic

cable length: Double-sided 30 cm

114643

F

M



LED Touch/Radio PWM-Dimmer

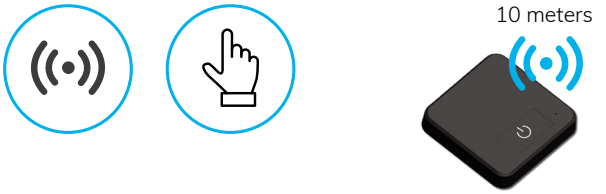
12-24 V DC | 5 A | IP20 | inclusive radio push button | 1 Channel

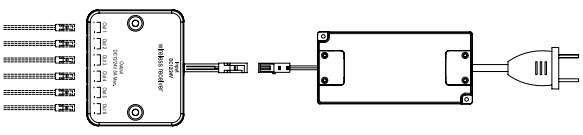
Cable length 100cm

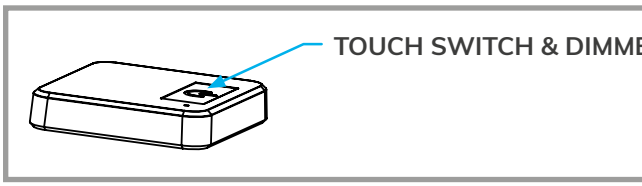
114538

F × 6

M

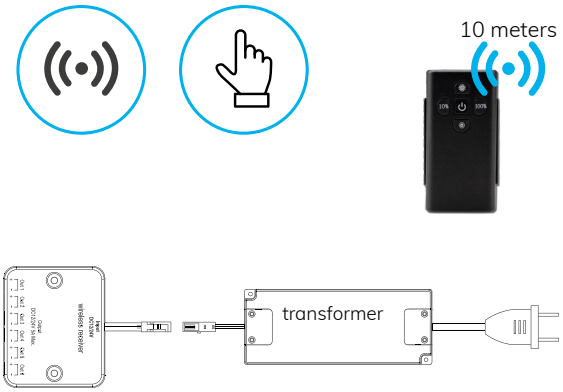


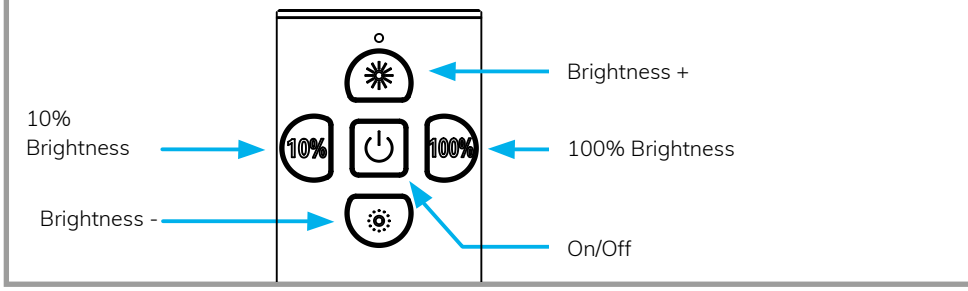




LED Touch/Radio PWM-Dimmer

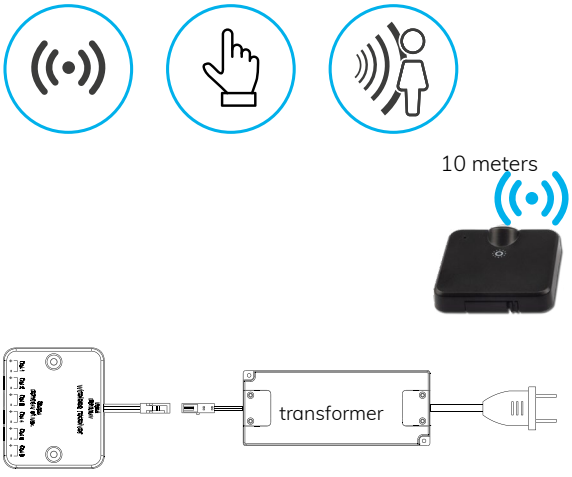
12-24 V DC | 5 A | IP20 | incl. remote control | 1 channel
Cable length 100cm
114539

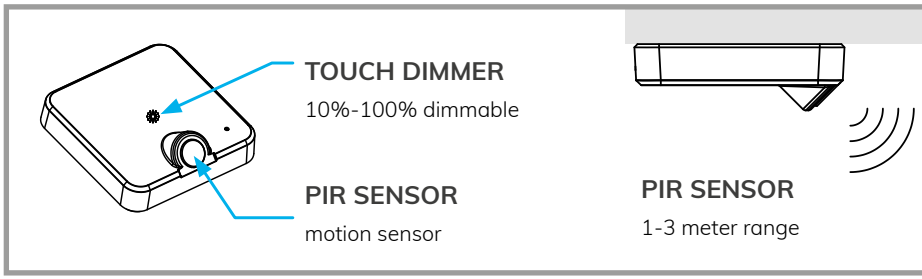




LED Touch/Radio PWM-Dimmer with PIR Sensor

12-24 V DC | 5 A | IP20 | inclusive radio push button | 1 Channel
Cable length 100cm
114597

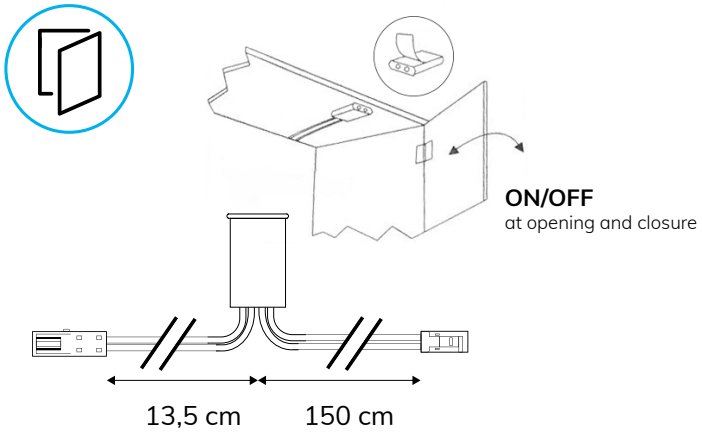




Contact sensor

12-24 V DC | 5 A | IP20

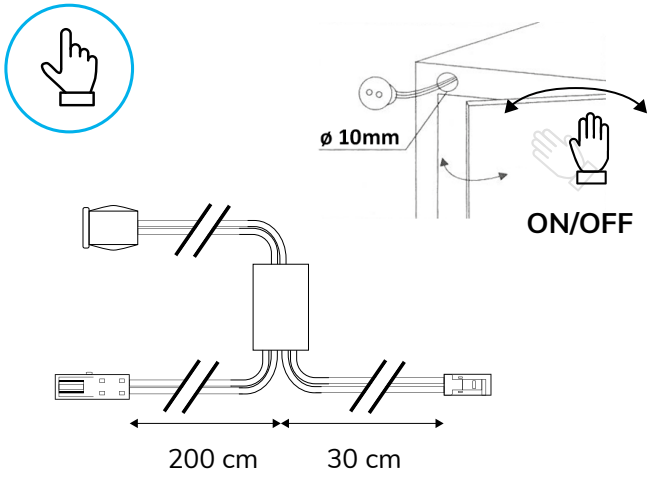
114550



Wipe sensor installation

12-24 V DC | 5 A | IP20

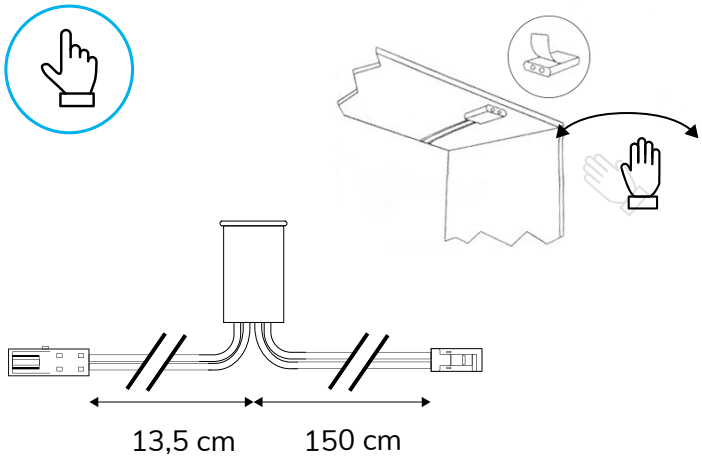
114551



Wipe sensor

12-24 V DC | 5 A | IP20

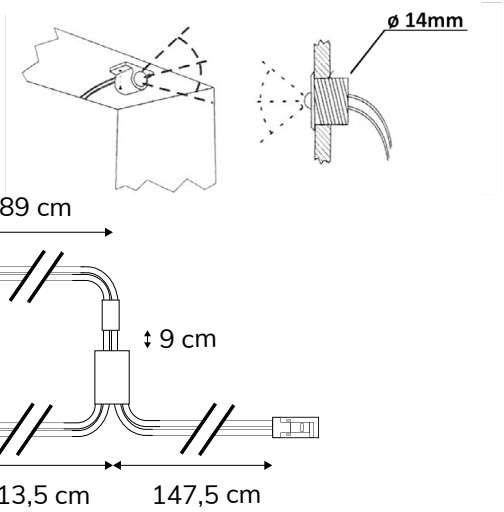
114552



PIR-Motion sensor

12-24 V DC | 5 A | IP20

114572

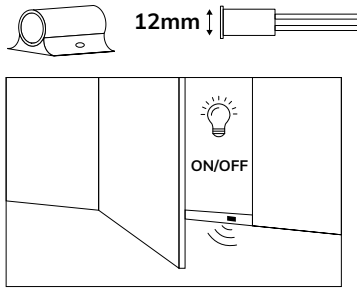


Contact sensor round

12-24 V DC | 3 A | IP20

Cable length 150 cm + 150 cm

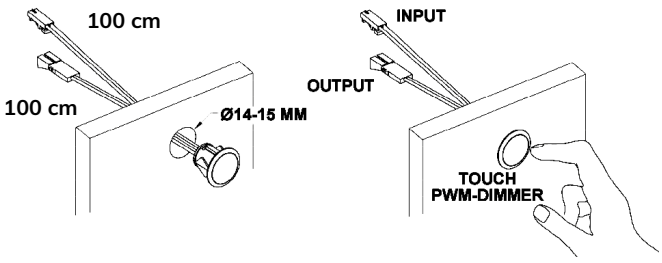
114731



LED Touch PWM-Dimmer

12-24 V DC | 3 A | IP20 | 1 channel

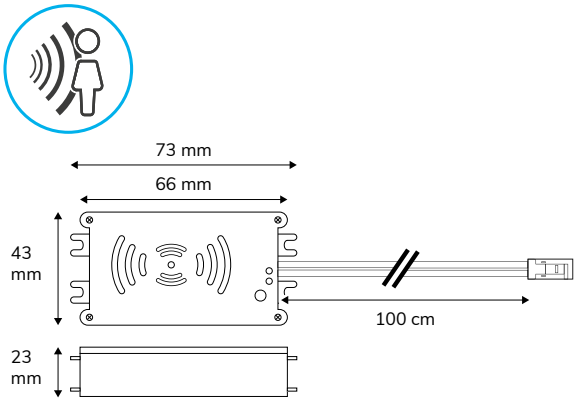
114537



RF-Motion detector

9-24 V DC | 1 W | IP20

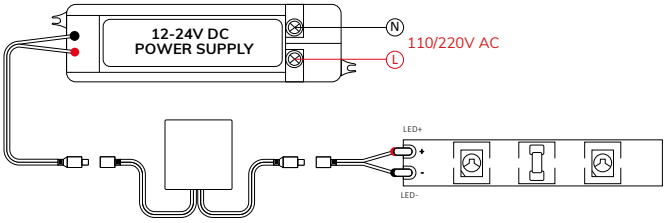
114665

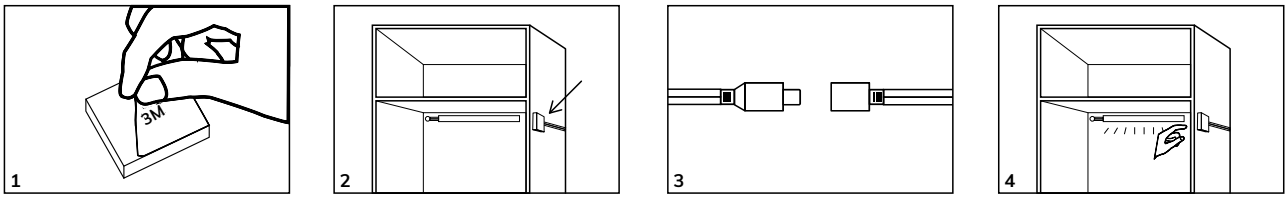


Wood sensor

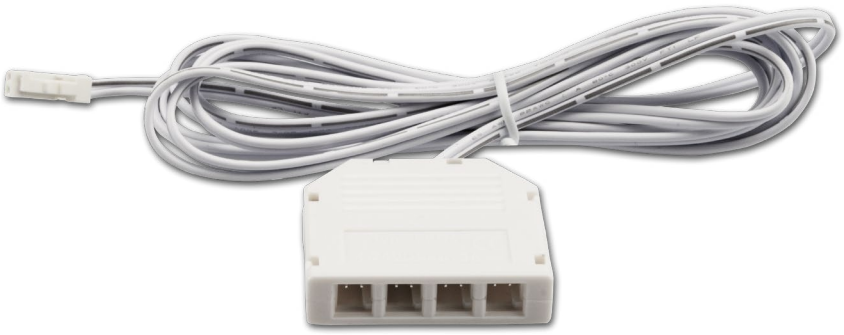
12-24 V DC | 4 A | IP20

115082





LED LIGHTING
READY TO PLUG IN
LED accessories



#1 SUCCESS FACTORS
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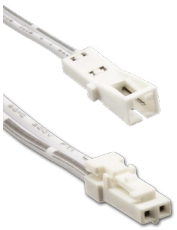
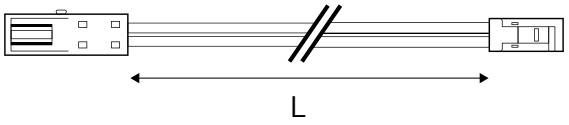
extension cable



MALE-FEMALE | 2-pole | White | max. 3 A | IP20

L 50 CM	L 100 CM	L 200 CM
114494	114495	114496



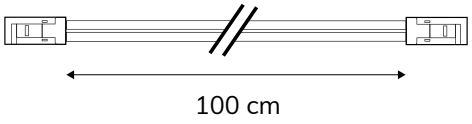
connector/socket

2-pole | White | max. 3 A | IP20

MALE - OPEN

100 CM

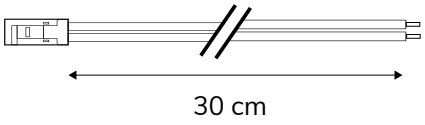
114489



MALE - OPEN

30 CM

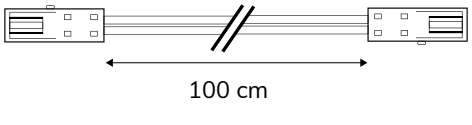
114490



FEMALE - OPEN

100 CM

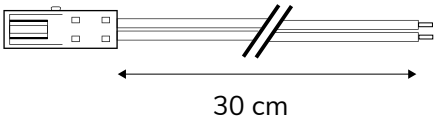
114491



FEMALE - OPEN

30 CM

114492



adapter

2-pole | max. 3 A | IP20

White

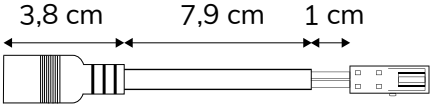
10 CM

114650

Black

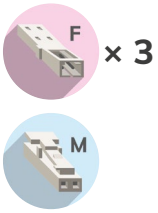
10 CM

114651



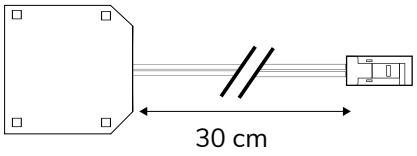
distributor

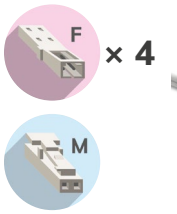
2-pole | White | IP20



TRIPLE

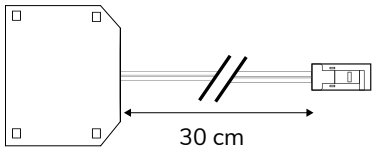
1 Male to 3 Female
max- 3,5 A
30 CM
114497

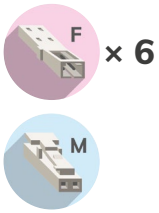




QUADRUPLE

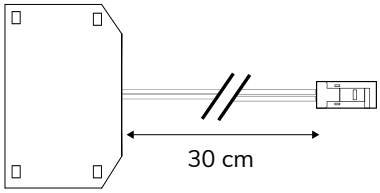
1 Male to 4 Female max. 3.5 A
30 CM
114498



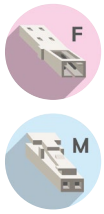


6-FOLD

1 Male to 6 Female max. 3.5 A
30 CM
114499

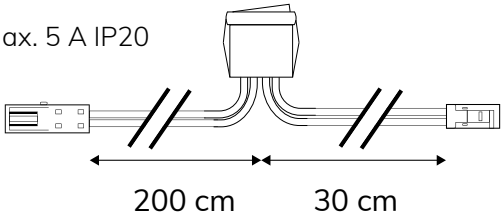


Built-in switch On/Off

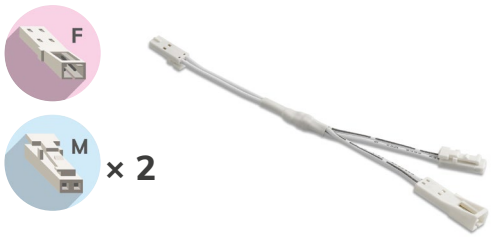


MALE - FEMALE

30 cm + 200 cm | 2-pole | max. 5 A IP20
114500

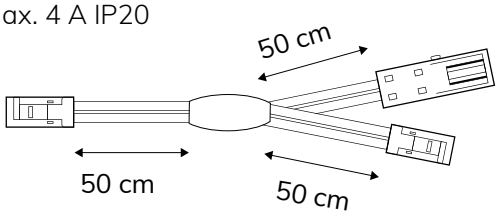


linear splitter

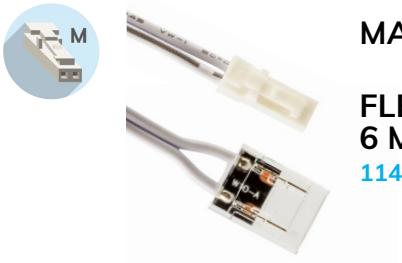


1 MALE – 1 FEMALE & 1 MALE

2-pole | White | max. 4 A IP20
113797



Flex stripe clip cable connection

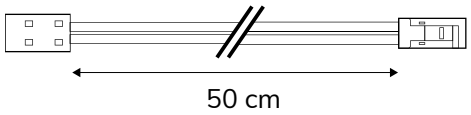


MALE-CLIP-CONNECTOR | 2-pole | White | max. 3 A | IP20

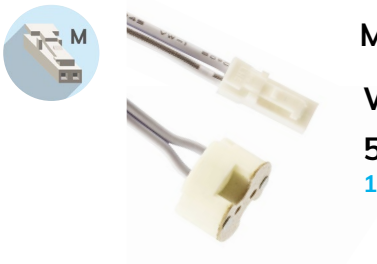
FLEX STRIPE WIDTH 6 MM
114875

FLEX STRIPE WIDTH 8 MM
114876

FLEX STRIPE WIDTH 10 MM
114877



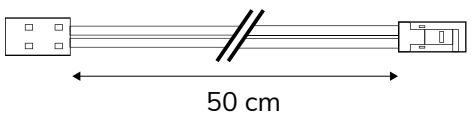
MR16/GU5.3 Socket



MALE-MR16/GU5.3 | 2-pole | White | max. 3 A | IP20

White

50 CM
114878



LED LIGHTING
READY TO PLUG IN
LED profiles

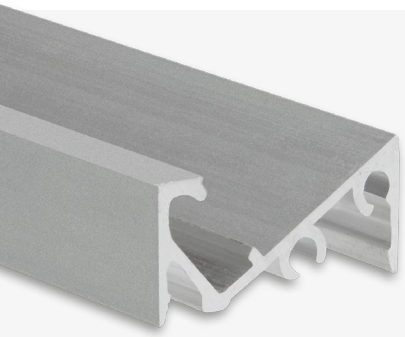
#1 SUCCESS FACTORS
COMPETENT CUSTOMER SERVICE
PERSONAL SERVICE

WE ADVISE YOU!
Together with you we develop your individual solution. We realise your project!

FURNIT6 S

LED surface mounted profile

SILVER WHITE RAL 9003 BLACK RAL 9005

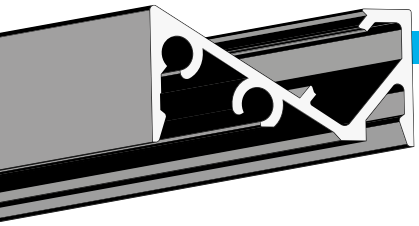


max. 6 mm

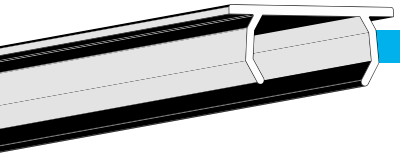
CUSTOMER-SPECIFIC MANUFACTURING & OEM PRODUCTION OF INDIVIDUALLY DESIGNED ALUMINIUM PROFILES

Up to 6 m | RAL colors

Cooling mass: 153 g/m | The Furnit6 S is a surface-mounting profile which 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/satined (65%). Mounting in furniture possible.



PROFILE
200 CM



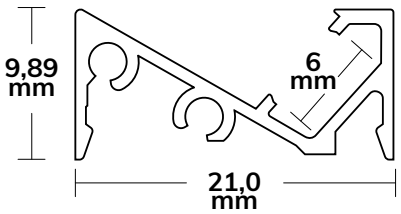
COVER 24
65 %

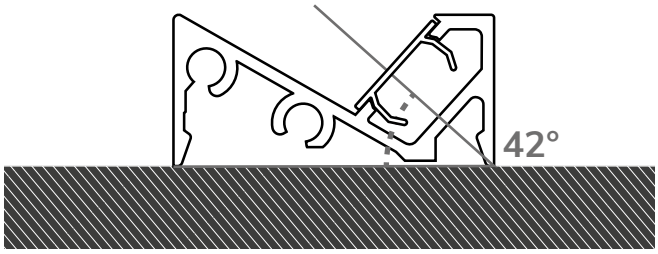
PROFILE

- **2 m** 114814
- **2 m** 114816
- **2 m** 114815

COVERS & END CAPS

COVER 24	END CAPS
65 % | opal/satined	Aluminium
2 m 113648	EC95 114843
6 m 113649	EC95W 114845
	EC95B 114844



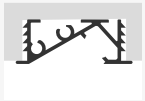


FURNIT6 D

LED profiles recessed

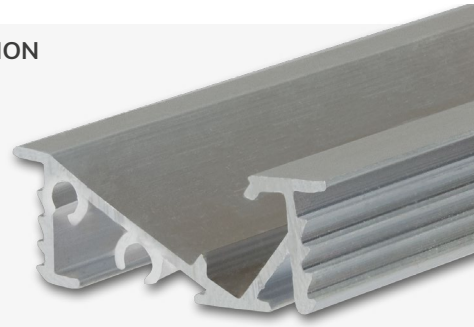
SILVER WHITE RAL 9003 BLACK RAL 9005

max. 6 mm



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

Up to 6 m | RAL colors



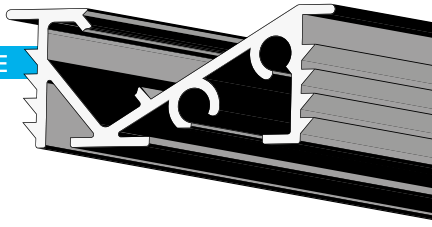
Cooling mass: 155 g/m | The Furnit 6 is an extraordinary LED recessed profile for flexstripes with a maximum width of 6mm. Due to its small dimensions, this profile is perfectly suited for installation in furniture. The indirect lighting creates a decorative light effect, which gives the furniture a striking look.

PROFILE

- **2 m** 114817
- **2 m** 114819
- **2 m** 114818

MOUNTING CLAMP 114848

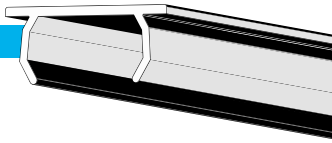
PROFILE
200 CM

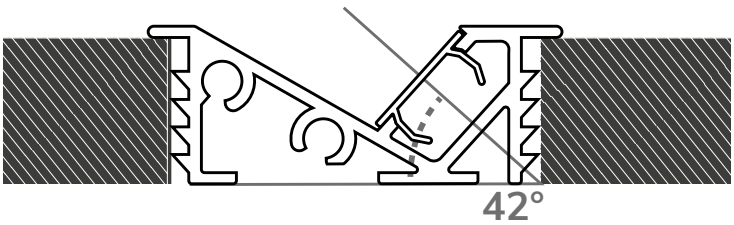


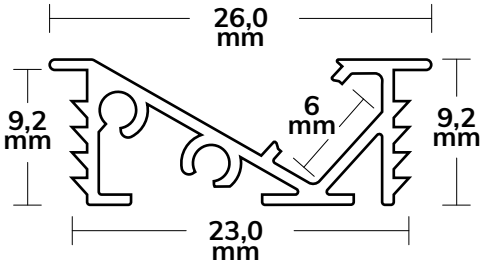
COVERS & END CAPS

COVER 24	END CAPS
65 % | opal/satined	Aluminium
2 m 113648	**EC95** 114843
6 m 113649	**EC95W** 114845
	EC95B 114844

COVER 24
65 %







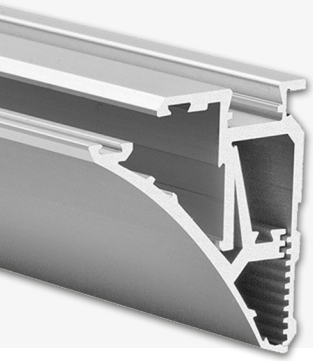
ISOLED
CUSTOMISED LIGHT SOLUTIONS

NEW

GLAS11 SHELF

LED glassedge profile for shelves

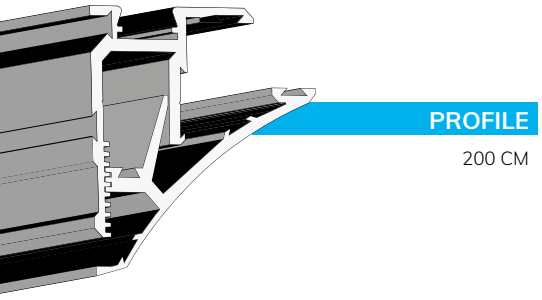
SILVER



max. 11 mm

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.

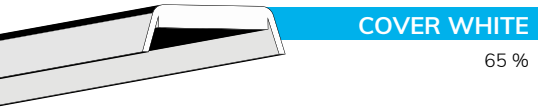
Suitable for glass panels with thicknesses of 6-20 mm.



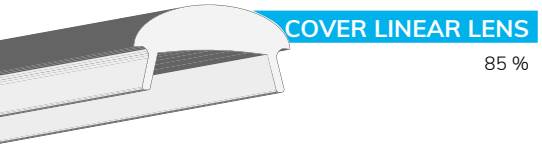
PROFILE
200 CM

COVER CLEAR
85 %

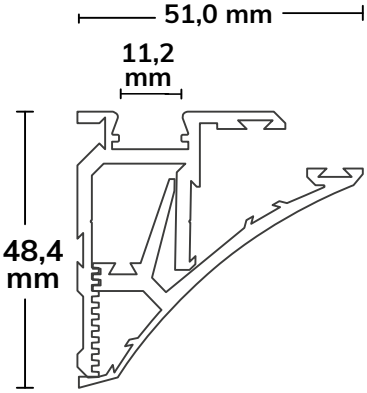
COVER MILKY SMOOTH
75 %



COVER WHITE
65 %



COVER LINEAR LENS
85 %



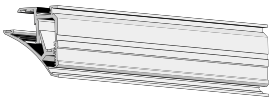
PROFILE

2 m 115728

COVERS & END CAPS

COVER CLEAR	END CAPS
85 %	PVC
2 m 111369	Right 115731
	Left 115730
COVER MILKY SMOOTH	
75 %	
2 m 111368	
COVER WHITE	
65 %	
2 m 112349	
COVER LINEAR LENS	
85% | clear	
2 m 111739	

Left 115730



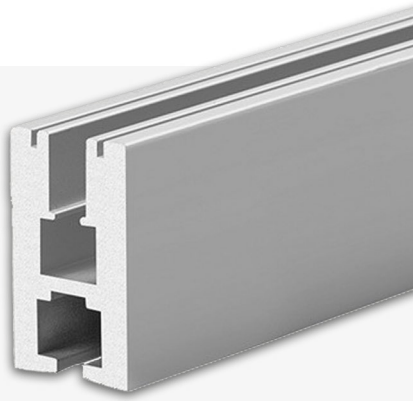
Right 115731

GLAS11 SIGN

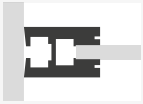
LED glassedge profile ceiling/wall

NEW

SILVER



max. 11 mm

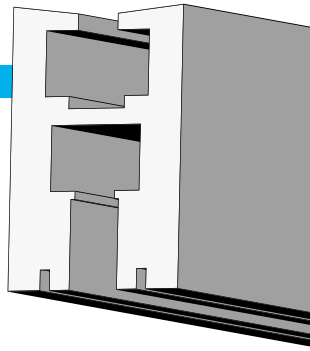


Cooling mass: 1279 g/m | This LED glass edge profile can be used to indirectly illuminate signs on ceilings and walls, as well as glass edges of shelves. Suitable for glass panels with thicknesses of 6 mm.

PROFILE

2 m 115729

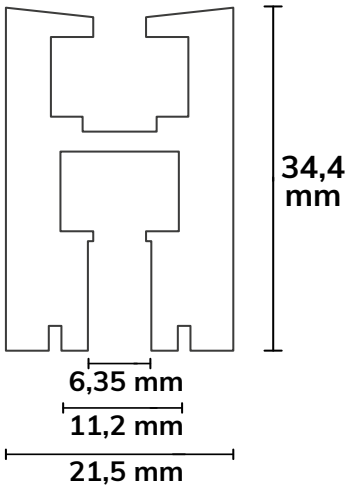
PROFILE
200 CM

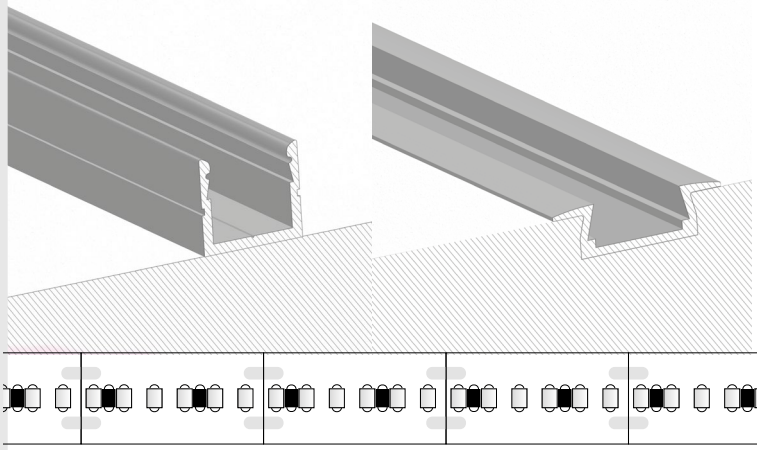


END CAPS

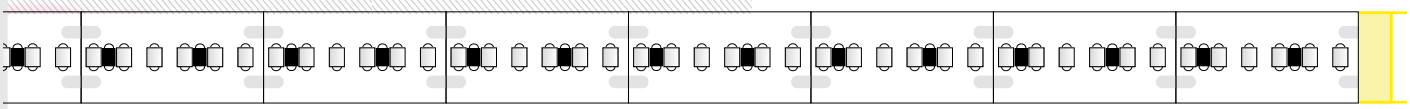
END CAPS
PVC

115732





SURFACE/RECESSED-MOUTING PROFILES



PAGE 261
UP to max. 9 mm
FLEX STRIP WIDTH

PAGE 265
10 mm
FLEX STRIP WIDTH

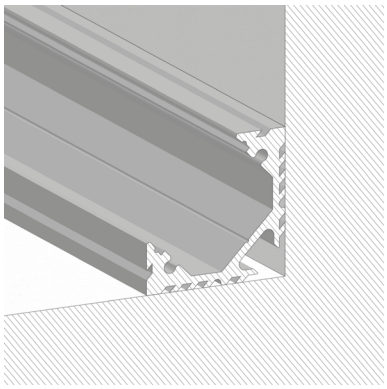
PAGE 271
11 mm
FLEX STRIP WIDTH

PAGE 273
12 mm
FLEX STRIP WIDTH

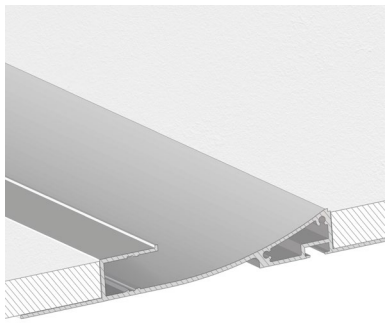
PAGE 285
13-19 mm
FLEX STRIP WIDTH

PAGE 289
20-21 mm
FLEX STRIP WIDTH

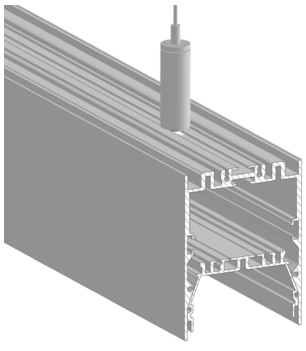
PAGE 299
FROM 22 mm
FLEX STRIP WIDTH



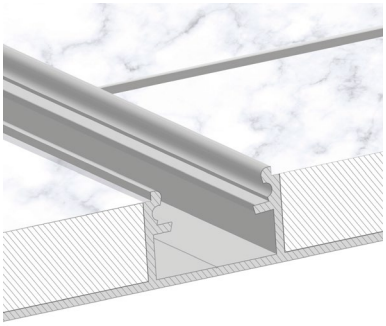
CORNER
PROFILES



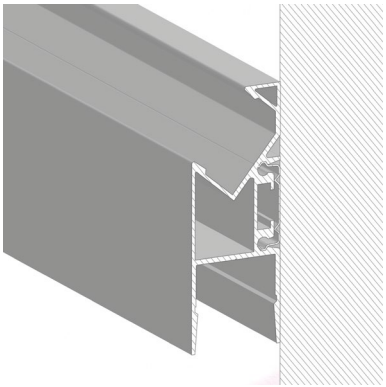
DRY WALL
PROFILES



LUMINAIRES
PROFILES



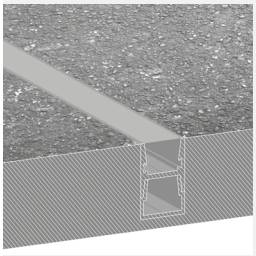
TILE PROFILES



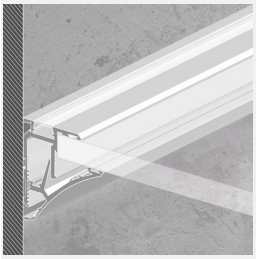
PROFILES FOR **INDIRECT LIGHTING**

PROFILE **ACCESSORIES**

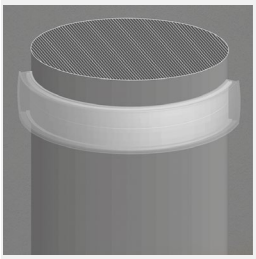
SPECIAL PROFILES



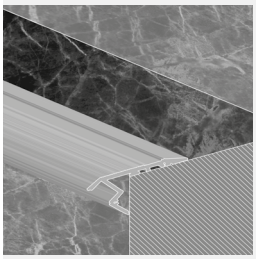
ACCESSIBLE AND DRIVABLE PROFILES



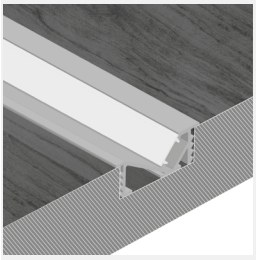
GLASS PROFILES



FLEXIBLE PROFILES



STAIR PROFILES



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/satin-finished | 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.

IMPORTANT INFORMATION:

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 connecti on juncti ons 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 oder confirmation.

OEM

WE ARE YOUR PARTNER

We develop your individual solution together with you.

We check the technical and commercial feasibility.

We calculate the minimum order quantity.

We realise your project!

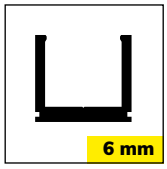
OEM PRODUCTION AND CUSTOMER-SPECIFIC ASSEMBLY

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).

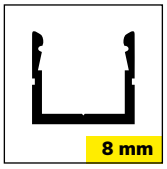
Customer-specific assembly of aluminium profiles and production of lighting elements upon request.

OVERVIEW

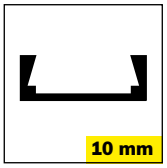
SURFACE-MOUNTING PROFILES



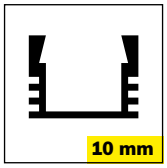
SURF6



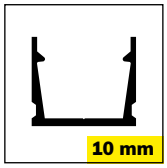
SURF8



MINI AB-10



MAXI AB-10



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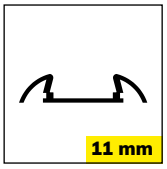

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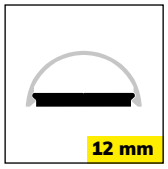
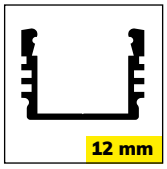


SURF12 HIDDEN



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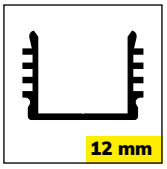
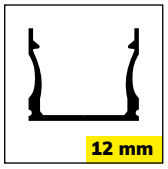
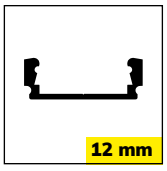


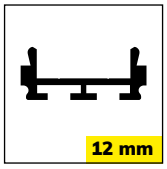
SURF12 BORD-ERLESS FLAT



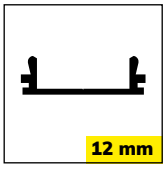
PURE12 S



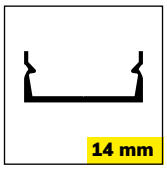
SURF12 FLAT



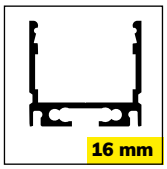
SURF12 RAIL



SURF12 FLAT BORDERLESS



PURE14 S



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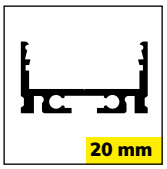
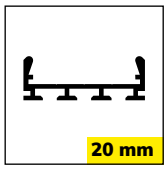
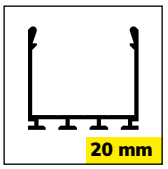


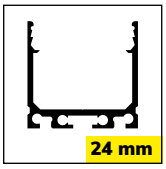
IL-ALU 20



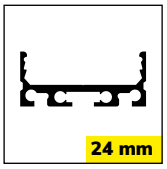
WING20 MINI



WING20



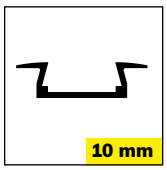
SURF24



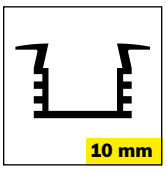
SURF24 FLAT

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 oder confirmation.

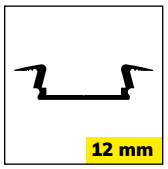
PROFILES RECESSED



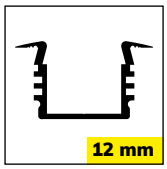
MINI EB-10



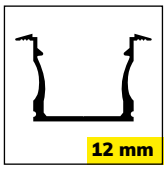
MAXI EB-10



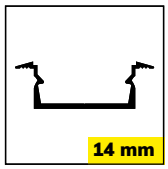
DIVE12 FLAT



DIVE12



PURE12 D



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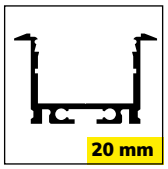
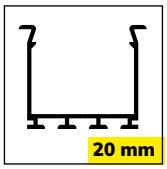
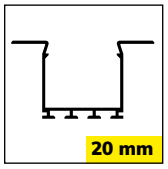


IL-ALU 20



WING20 MINI FLANGE



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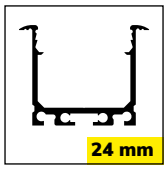

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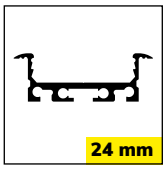
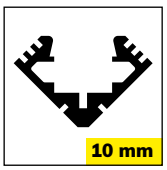
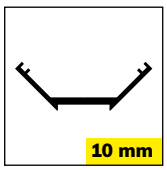


DIVE24 FLAT

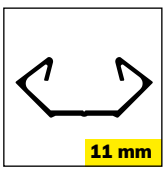
CORNER PROFILES



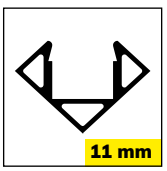
CORNER10



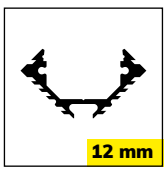
CORNER10 SLIM



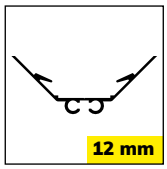
CORNER11N



CORNER11

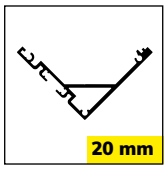


CORNER12

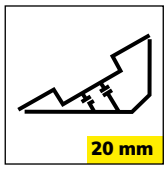


CORNER12 BORDERLESS

CORNER13

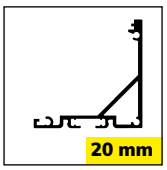


CORNER20

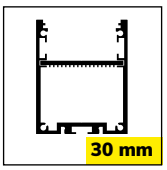


CORNER22

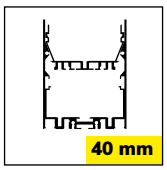
LUMINAIRE PROFILES



CORNER20



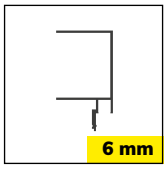
LAMP30



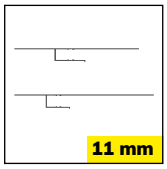
LAMP40

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 oder confirmation.

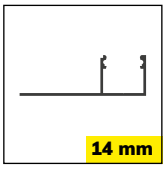
DRY WALL PROFILES



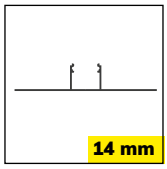
SHADOW GAP 8



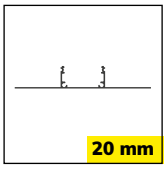
SHADOW GAP 40 & 80



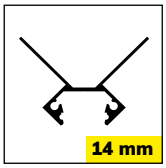
FINISH



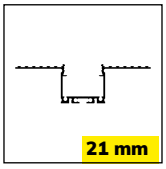
T-PROFILE 14



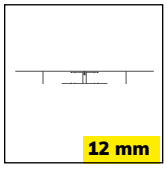
T-PROFILE 20



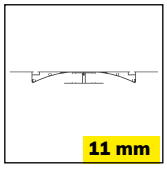
EXTERNAL CORNER



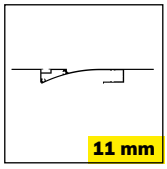
CEILING 21



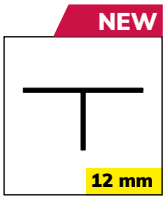
PLANAR



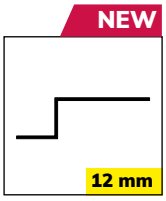
DOUBLE CURVE



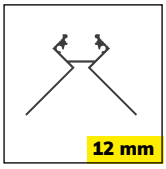
SINGLE CURVE



T-PROFILE 12

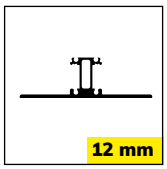


S-PROFILE 12

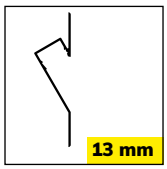


INTERNAL CORNER

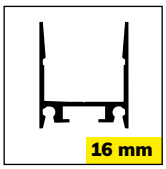
PROFILES FOR INDIRECT LIGHTING



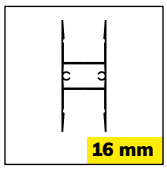
2SIDE



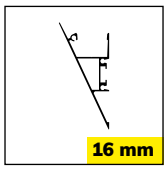
BACKLIGHT 3



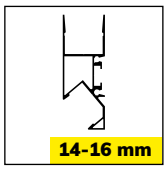
HIDE SINGLE



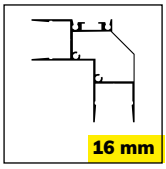
HIDE DOUBLE



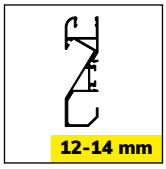
HIDE TRIANGLE



HIDE ASYNC



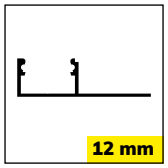
HIDE ANGLE



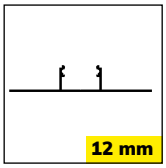
HIDE BOTTOM

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 oder confirmation.

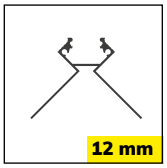
TILE PROFILES



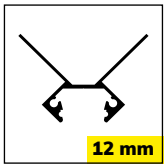
FINISH



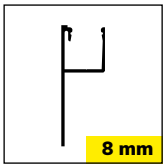
T-PROFILE



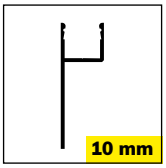
INTERNAL CORNER



EXTERNAL CORNER

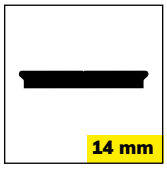


UP8

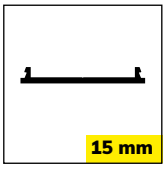


UP10

FLEXIBLE PROFILES

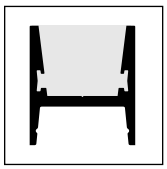


COOLING STRIPES 14



SURF15 FLEX

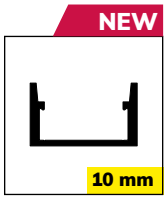
SPECIAL PROFILES



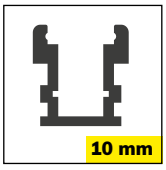
LED LIGHT STRIPES
OUTDOOR
PREMIUM PUR-FULLY CAST

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

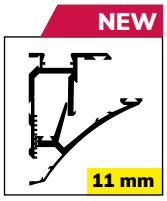
46,5 CM | 96,5 CM
RGB
IP67 | 24 V



GROUND-IN10

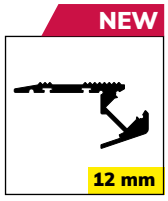


GROUND-OUT10

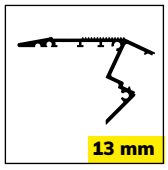


GLAS11 SHELF

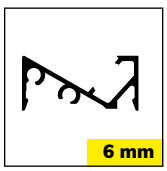
GLAS11 SIGN



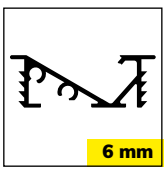
STAIRS12



STAIRS13



FURNIT6 S



FURNIT6 D

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 oder confirmation.

PREMIUM PUR-FULLY CAST

LED LIGHT STRIPES WITH IP67 PROTECTION

IP67

Multilevel Full casting process

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

Absolutely waterproof

We achieve this absolute waterproofness with the fully cast LED aluminium profiles with synthetic resin (PuR - polyurethane). In a unique process, liquid two-component PuR is fed with extreme precision in six layers directly into the profile (in the case of 3-component PuR coloring - e.g. opal). The multi -step application of the heated resin prevents air bubbles, inclusions and cracks.

Protection for Chip and Electronics

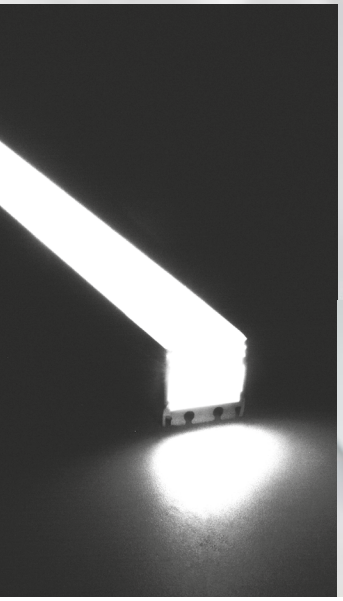
The resin covers the LED Flex stripes, the connection cabling as well as the total inside space of the profile and is flush with the top and side edges. The linear LED light component is now sealed and absolutely waterproof. Further advantages are the protection of the LED chips and the electronics as well as the reduction of the mechanical voltage of the aluminium profile.

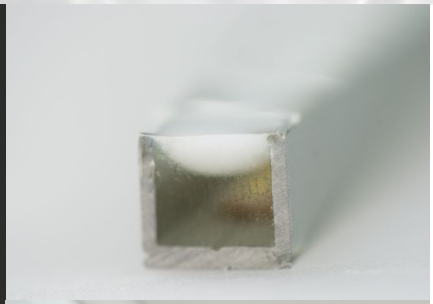
Fully cast for all LED profile systems

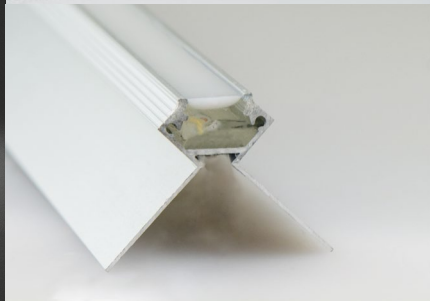
On request, we can assemble any aluminium profile with LED flex stripes and cabling and fully cast in a multi-stage process with PREMIUM PuR (up to a profile length of max. 5.5 m). Depending on the thickness and the color (transparent or opal satined) of the full potting, a different light transmission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

REQUEST NOW!

LED LIGHT STRIPES
OUTDOOR
PREMIUM PUR-FULLY CAST







Excellent properties for sustainable added value!

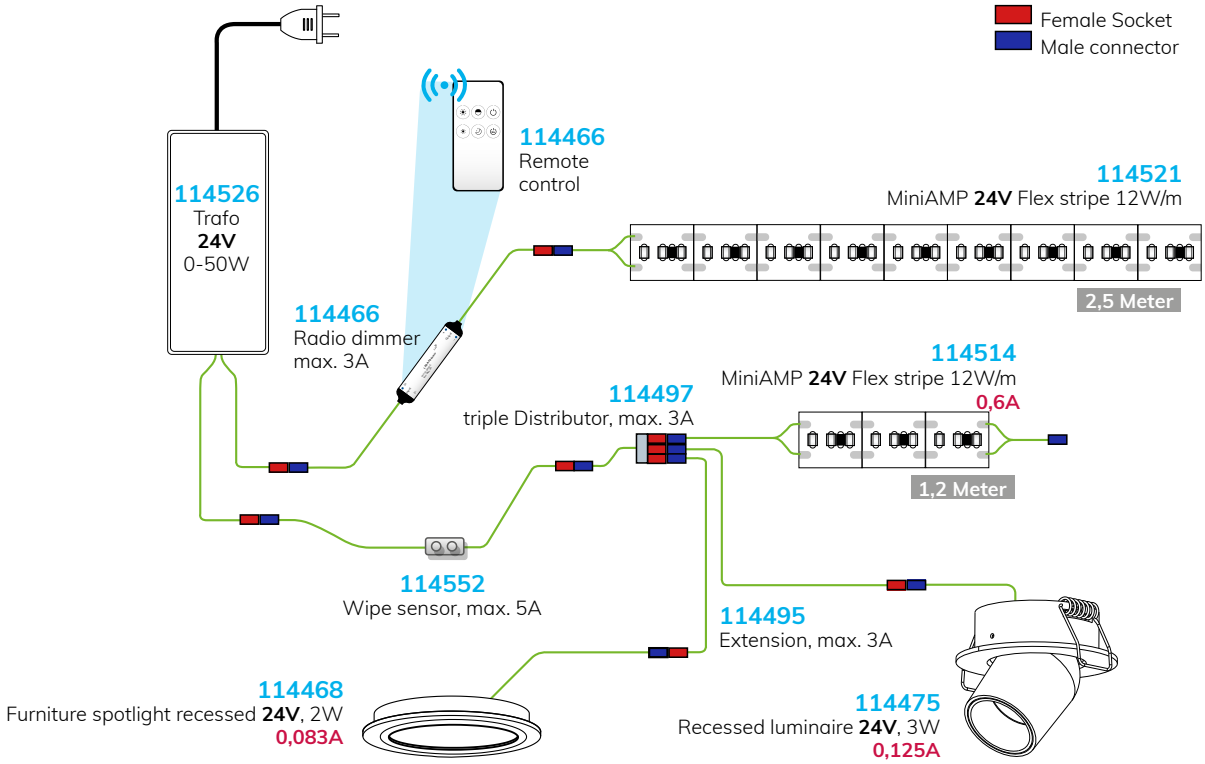
- Sealing: Protection class IP67
- Salt/chlorine/fuel/solvents/UV-resistance
- High temperature resistance
- High stone chip and abrasion resistance
- No yellowing
- accessible and drivable
- NO heat accumulation on the LED strip

CURRENT CARRYING CAPACITY

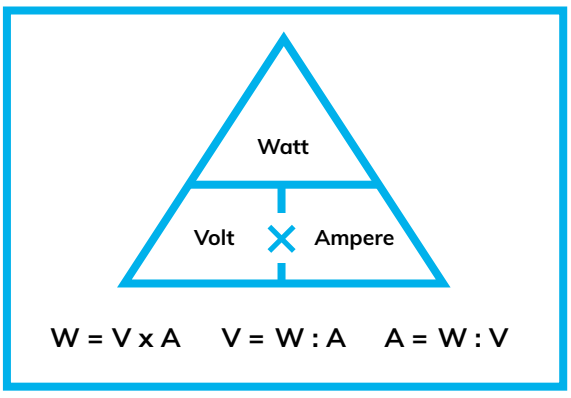
The MiniAMP assortment offers various possibilities of combining items as well as extending and distributing the MiniAMP power connection.

Not to be disregarded is the maxi-current carrying capacity of MiniAMP extensions and MiniAMP Distributorn indicated in A for amperes within the item name.

The Height of the current flow in Ampere is calculated by dividing the connected load in Watt by the nominal voltage of 12 Volt or 24 Volt.



Despite several components as well as complex circuitry and splitting of the MiniAMP power supply, the maximum load capacity in Figure 1 was maintained at all distribution points and the transformer was also given just enough power reserve.



CALCULATION

	2,5m x 12W	
+	1,2m x 6W	
+	3W	
+	2W	
=	**42,2W**	**: 24V = 1,76A**

LED LIGHTING
READY TO PLUG IN

Installation material

#1 SUCCESS FACTORS
COMPETENT CUSTOMER SERVICE
PERSONAL SERVICE

WE ADVISE YOU!
Together with you we develop your individual solution. We realise your project!

CLEANING
INSTALLATION
GASKET

We recommend the reliable products of the quality brand INNOTEC®

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 soft ening 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

113664
Powerbond mounting adhesive with high initial adhesion, white, 290 ml cartridge
113665
Powerbond mounting adhesive with high initial adhesion, black, 290 ml cartridge

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

113666
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 applicati ons.

Despite minimal thickness very high adhesive strength!

High temperature resistance! -20°C to +150°C

uniform adhesive layer - Optimum 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! Elongation 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 elongati on 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% Elongation 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)

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

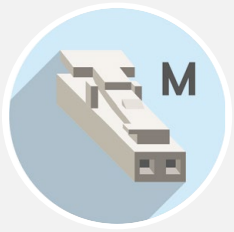
Easy Grip Gun

113672

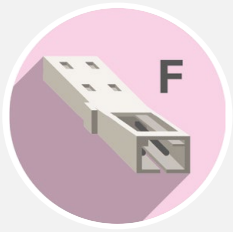
Easy Grip gun for cartridges up to 310 ml

The hand-held cartridge gun has an extra strong transmission ratio and an open intake for up to 310 ml.

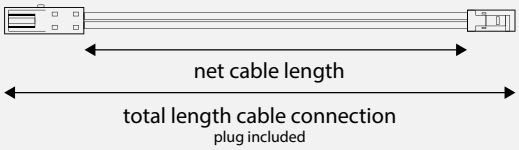
LEGEND



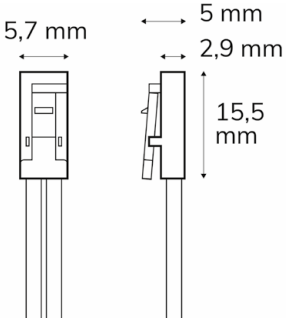
MALE
PLUG



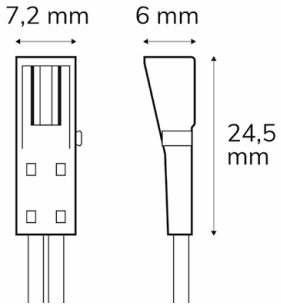
FEMALE
SOCKET



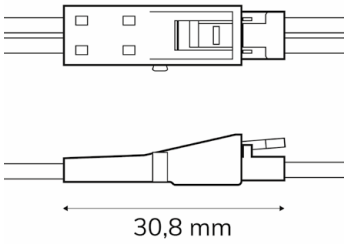
The cable lengths listed for the individual items **always** refer to the net cable length: between the plugs. I.e. for the total length of a cable connection, the dimensions of the connection must be added.



Male



Female

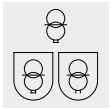


Male & Female

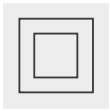
Can be attached to “normally flammable” equipment items. Among others this includes wooden surfaces.

Security transformer

Do not reach temperatures that can lead to the ignition of materials of unknown fire behaviour. Limited surface temperature 90° in normal operation!



Isolating transformer short-circuit-proof | Short-circuit-proof/protective insulated | Not short-circuit-proof



Transformer with double or strengthened insulation. No protective conductor must be connected!

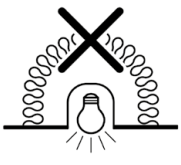
Device of protection class I with protective earthing

In the case of colored products, we sometimes give the color codes of the internationally used and standardised color system (color table) RAL. In such a case, the actual color of the product is an approximation of the RAL color code given. Slight color deviations within small tolerance ranges cannot be excluded.

Important notice: Please note that any transformers and luminaires must never be directly covered (e.g. with thermal insulation material).

For direct mounting on normally flammable surfaces NOT suitable luminaire.

For installation in wood or suspended ceilings of normally flammable materials NOT suitable luminaire.



Luminaire or control gear must NOT be covered with heat insulation materials. Applies to all items.

YOUR PARTNER

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99 %

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