

MINIAMP

THE READY TO PLUG IN LED LIGHTING SOLUTION FROM ISOLED[®]



**FAST AND SAFE
INSTALLATION**



**READY TO PLUG IN
QUICK CONNECTION**

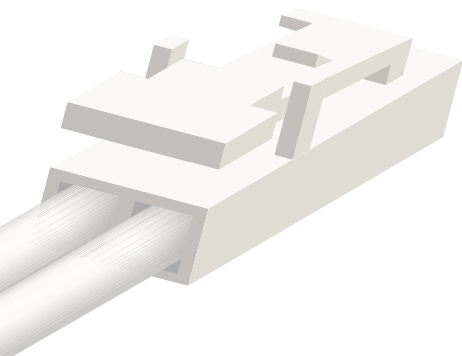
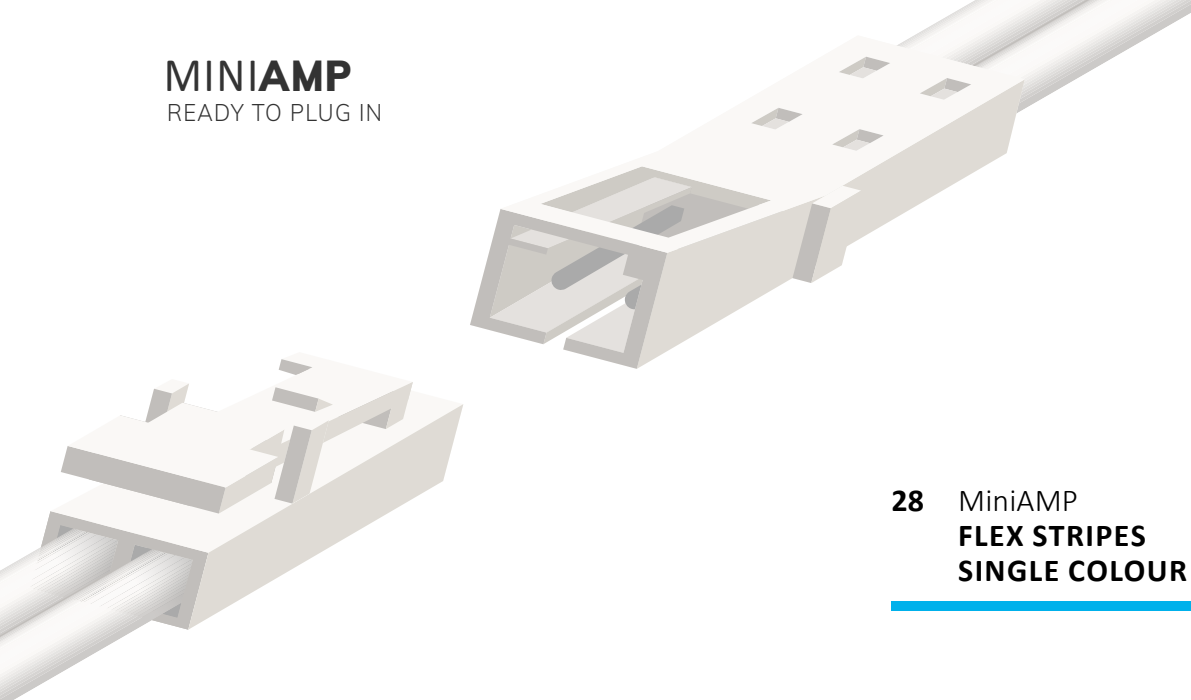


**NO SPECIALIST ELECTRICAL
WORK NECESSARY**



**FLAT & SPACE SAVING
LIGHTWEIGHT CONSTRUCTION**

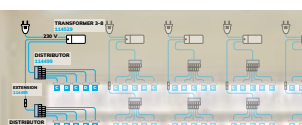
WE ADVISE YOU!



3 MiniAMP
OVERVIEW



4 CUSTOM MADE TO
MEASURE



6 MiniAMP
APPLICATIONS



16 MiniAMP
KEY



19 MiniAMP
**RECESSED LED
LUMINAIRES**



26 MiniAMP
**SURFACE-MOUNTED
LUMINAIRES**

28 MiniAMP
**FLEX STRIPES
SINGLE COLOUR**



32 MiniAMP
**FLEXB STRIPES
WHITE-DYNAMIC**



36 MiniAMP
**UV-C FLEX STRIPES
FOR DISINFECTION**



44 MiniAMP
TRANSFORMERS



46 MiniAMP
DIMMERS AND SENSORS



50 MiniAMP
ACCESSORIES



53 LED ALU-PROFILES



MINIAMP

READY TO PLUG IN



**FAST AND
SAFE MOUNTING**



**RELIABLE,
READY TO PLUG IN
TRANSFORMER SYSTEMS**



**FLAT AND SPACE-SAVING
LIGHTWEIGHT CONSTRUCTION**



**NO SPECIALIST
ELECTRICAL WORK
NECESSARY**



**READY TO PLUG IN
QUICK CONNECTION**



**HIGH QUALITY
DIMMERS, SENSORS
AND ACCESSORIES**

Easy and precise installation of sustainable LED solutions 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.



MALE
CONNECTOR



FEMALE
SOCKET

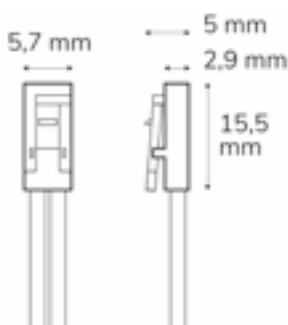
READY TO PLUG IN



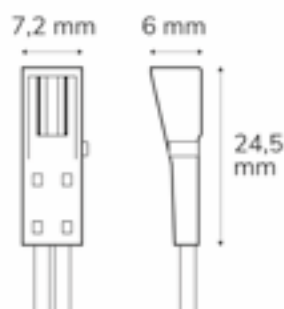
CABLING READY FOR CONNECTION

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 installation and connection to the mains supply!

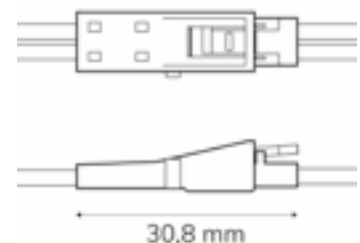
Delivery ready for installation!



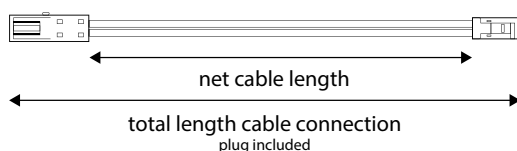
Male



Female



Male & Female



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

Custom made to measure

Assembly of LED profiles, flexible 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:

- Cutting LED flexstrips
- Cutting LED cooling strips
- Soldering and connecting the LED flexstrips with connectors
- Cutting profiles for LED flexstrips
- Bonding of LED flex tapes into profiles
- Attaching feeders, end caps and cabling

Final functional tests of the LED systems are a matter of course at ISOLED®!

We advise you!

Together with you we develop Your individual solution.

We check the technical and commercial feasibility.

We realize your project!



Assembled lighting components

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.

#1 SUCCESS FACTORS
COMPETENT CUSTOMER SERVICE
PERSONAL SERVICE



CUSTOMER SURVEY 2019

SOUND | REPRESENTATIVE | AUTHENTIC

828
CUSTOMERS
HAVE REPLIED

7,53 %
PARTICIPATION (FROM
11,000 CUSTOMERS)

12
NATIONS

40
QUESTIONS

34.651
REPLIES

ISOLED® ÖSTERREICH Technology and logistics centre

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ISOLED® ÖSTERREICH
www.isoled.at

ISOLED® DEUTSCHLAND
www.isoled.de

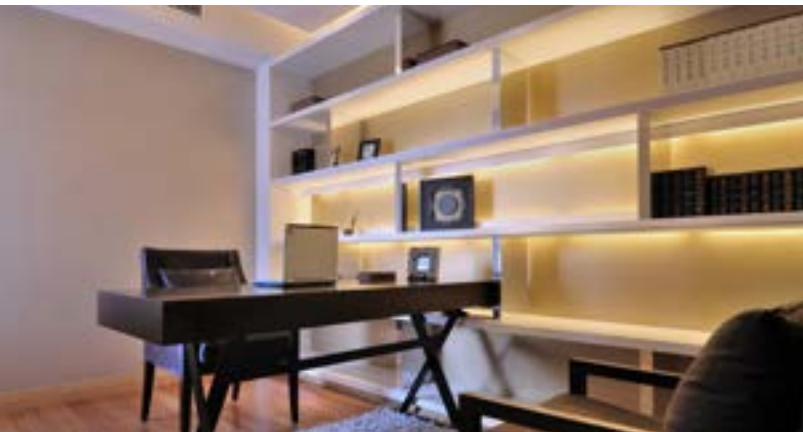
ISOLED® SCHWEIZ
www.isoled.ch

ISOLED® FRANCE
www.isoled.fr

ISOLED® ITALIA
www.isoled.it

ISOLED® HUNGARIA
www.isoled.hu





MINIAMP

READY TO PLUG IN

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

QUICK

FLEXIBLE

COST-EFFICIENT



MINIAMP
READY TO PLUG IN



**LED FLEX BANDS WITH 30 CM CABLE
AND PLUG ON BOTH SIDES**

For Single Colour and White Dynamic

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 recepti-
on areas

Stucco work and moul-
dings

Shopfitting and exhibiti-
on stand construction

Shop lighting

Shop window-lighting

Indirect room lighting for
a feel-good atmosphere

Wood panelled ceilings
and walls

Door frame lighting

Discreet background lighting

Atmospheric room lighting

Ambient lighting

Orientation lighting

Light accents for individual
requirements

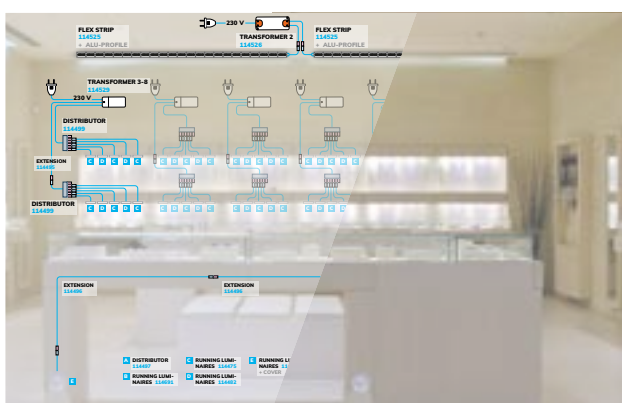
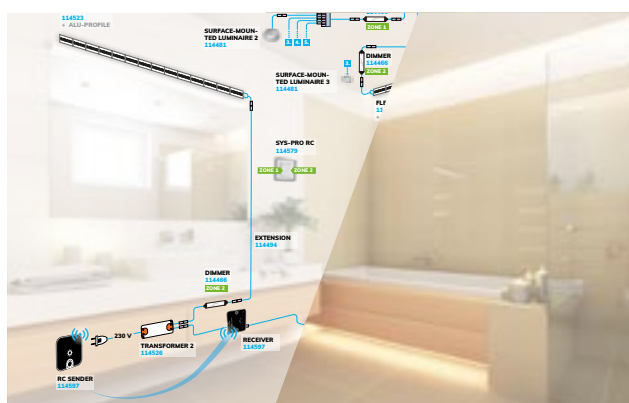
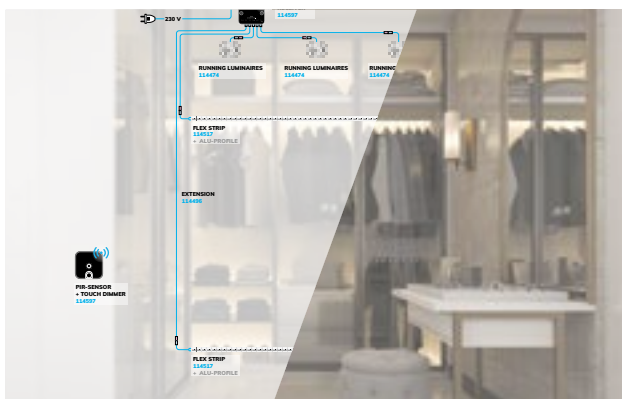
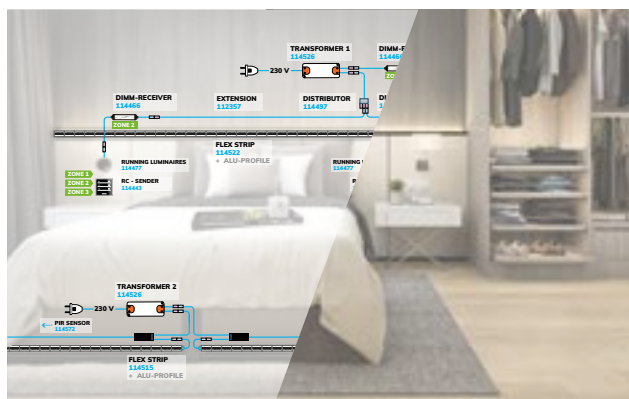
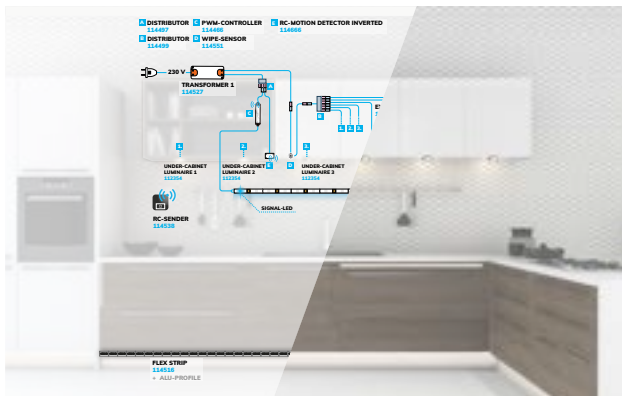
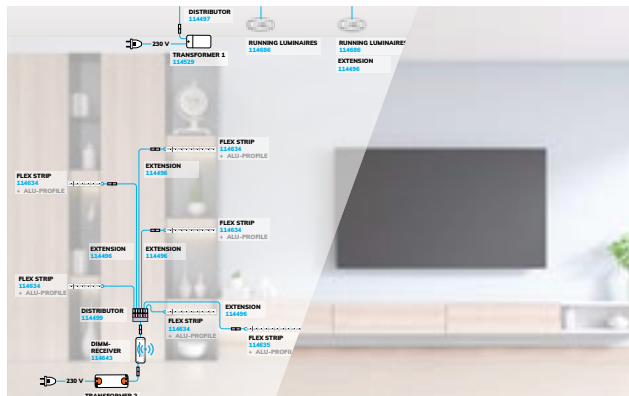
Furniture staging

Light makes visible!

Light works!

Light staged!





#1 SUCCESS FACTORS

COMPETENT CUSTOMER SERVICE
PERSONAL SERVICE

We advise you!
We develop and plan with you together
your individual solution.

We realize your project!

Living room

Application example

We develop and plan your individual solution together with you.

CALCULATION

Note the maximum current carrying capacity (see page 52).

Trafo 1 0-30 W

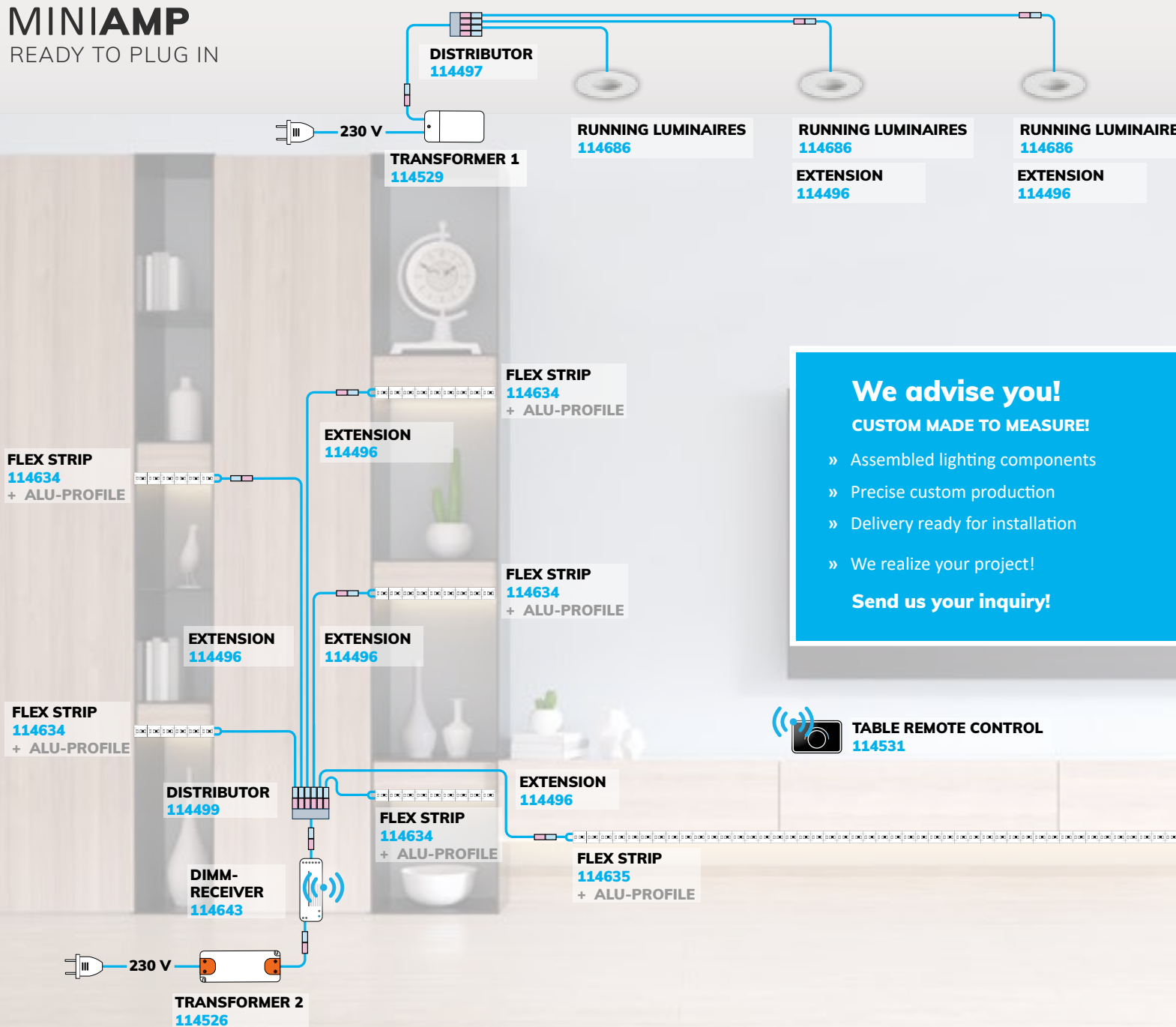
$$\begin{array}{rcl} 114686 & 3 \text{ pieces} \times & 4 \text{ W} \\ = & & \underline{\underline{12 \text{ W}}} \end{array}$$

Trafo 2 0-50 W

$$\begin{array}{rcl} 114635 & 2,5 \text{ m} \times & 10 \text{ W} \\ 114634 & + & 2 \times 0,3 \text{ m} \times 10 \text{ W} \\ 114634 & + & 3 \times 0,5 \text{ m} \times 10 \text{ W} \\ = & & \underline{\underline{46 \text{ W}}} \end{array}$$

MINIAMP

READY TO PLUG IN



We advise you!

CUSTOM MADE TO MEASURE!

- » Assembled lighting components
- » Precise custom production
- » Delivery ready for installation
- » We realize your project!

Send us your inquiry!

APPLICATION EXAMPLE

Kitchen

We develop and plan your individual solution together with you.

Application example

Note the maximum current carrying capacity (see page 52).

CALCULATION

Trafo 1 0-50 W

114673	1,16 m ×	
112354	6 pieces ×	3 W
=		18 W

Trafo 2 0-30 W

114512	1 m ×	12 W
=		12 W

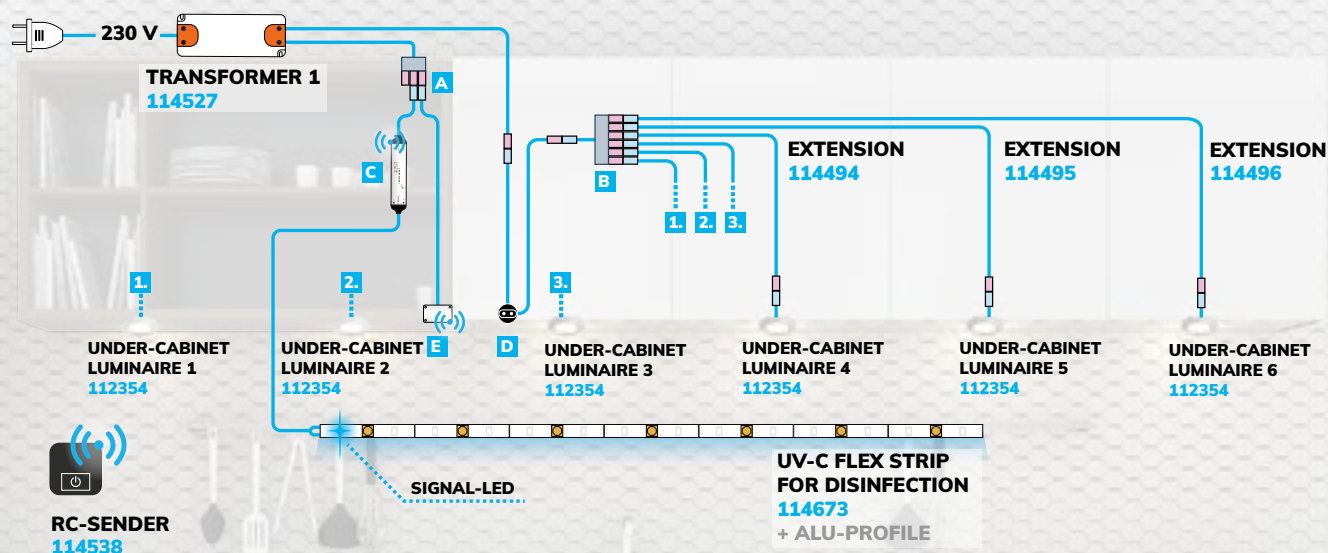
Trafo 3 0-30 W

114516	2,5 m ×	6 W
114514	+	1,2 m × 6 W
=		22,2 W

MINIAMP

READY TO PLUG IN

- A DISTRIBUTOR** 114497
- B DISTRIBUTOR** 114499
- C PWM-CONTROLLER** 114466
- D WIPE-SENSOR** 114551
- E RC-MOTION DETECTOR INVERTED** 114666



We advise you!

CUSTOM MADE TO MEASURE!

- » Assembled lighting components
- » Precise custom production
- » Delivery ready for installation
- » We realize your project!

Send us your inquiry!

FLEX STRIP
114516
+ ALU-PROFILE

FLEX STRIP
114512
+ ALU-PROFILE

CONTACT-SENSOR
114550

TRANSFORMER 2
114528

TRANSFORMER 3
114529

DIMM-RECEIVER
114538

FLEX STRIP
114514
+ ALU-PROFILE

APPLICATION EXAMPLE

Bedroom

Application example

We develop and plan your individual solution together with you.

CALCULATION

Note the maximum current carrying capacity (see page 52).

Trafo 1 0-50 W

114522	3,5 m ×	12 W
114477	+ 2 pieces ×	3 W
=		48 W

Trafo 2 0-50 W

114515	2 × 3,2 m ×	6 W
=		38,4 W

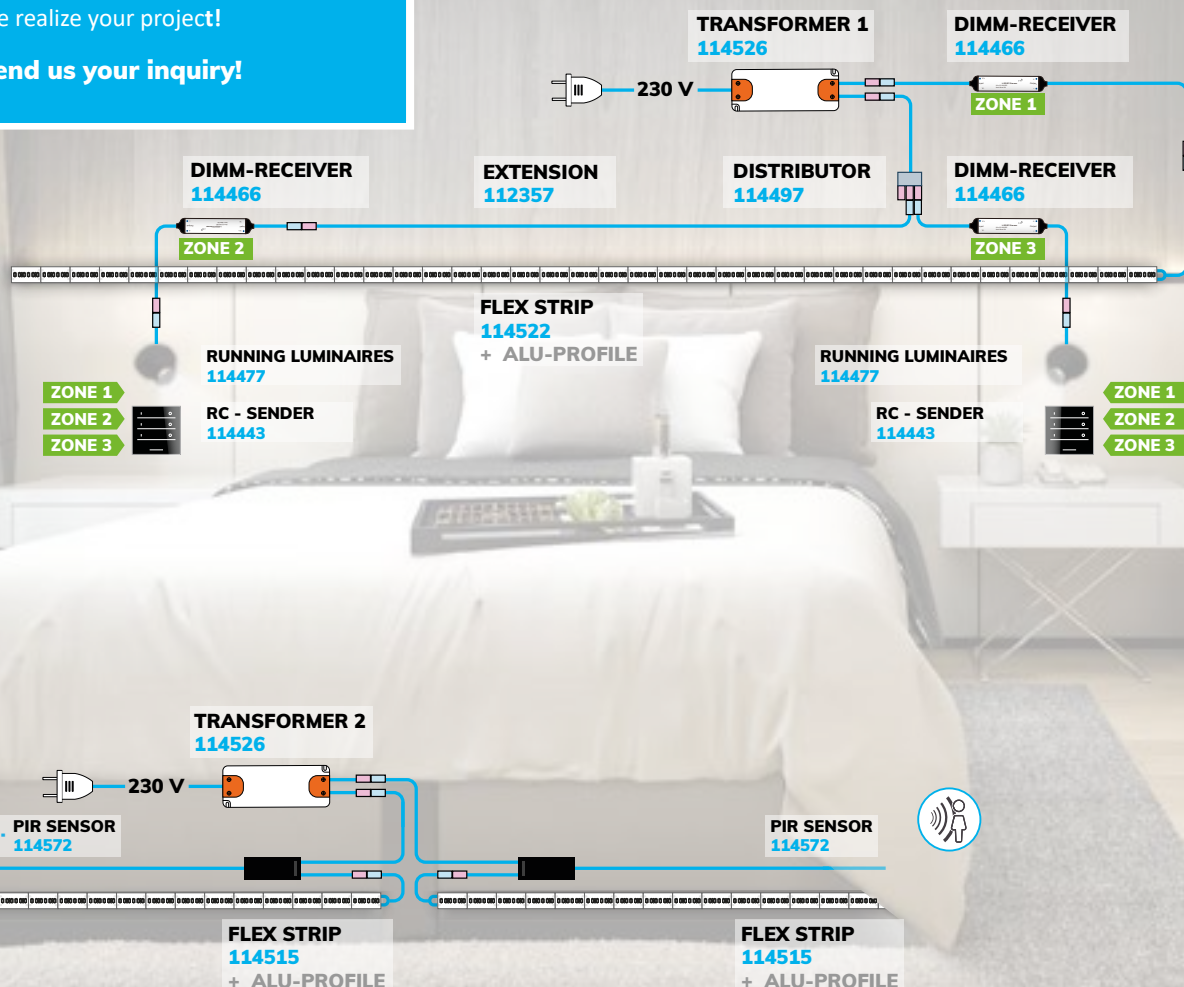
MINIAMP READY TO PLUG IN

We advise you!

CUSTOM MADE TO MEASURE!

- » Assembled lighting components
- » Precise custom production
- » Delivery ready for installation
- » We realize your project!

Send us your inquiry!



APPLICATION EXAMPLE

Wardrobe

We develop and plan your individual solution together with you.

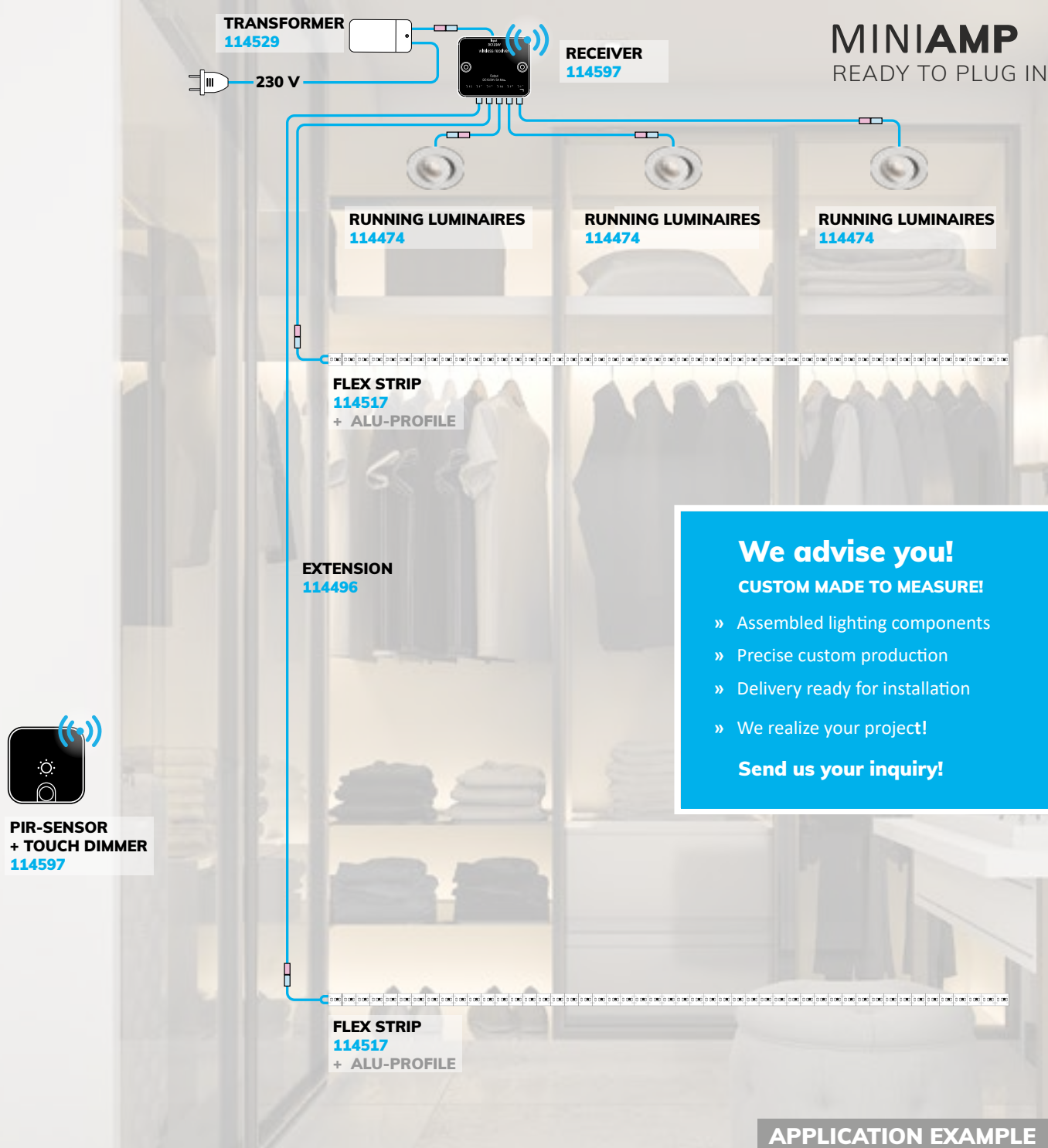
Application example

Note the maximum current carrying capacity (see page 52).

CALCULATION

Trafo 0-30 W

114474	3 pieces ×	3 W
114517	+ 2 × 1,2 m ×	6 W
=		23,4 W



We advise you!

CUSTOM MADE TO MEASURE!

- » Assembled lighting components
- » Precise custom production
- » Delivery ready for installation
- » We realize your project!

Send us your inquiry!

APPLICATION EXAMPLE

Bathroom

Application example

We develop and plan your individual solution together with you.

CALCULATION

Note the maximum current carrying capacity (see page 52).

Trafo 1 0-50 W

114522	2,5 m ×	12 W
114481	+ 5 pieces ×	3 W
=		45 W

Trafo 2 0-50 W

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

MINIAMP READY TO PLUG IN

FLEX STRIP
114523
+ ALU-PROFILE

EXTENSION
114496

SURFACE-MOUN-
TED LUMINAIRE 1
114481

SURFACE-MOUN-
TED LUMINAIRE 2
114481

230 V

TRANSFORMER 1
114526

DISTRIBUTOR
114499

DIMMER
114466
ZONE 1

EXTENSION
114494

SURFACE-MOUN-
TED LUMINAIRE 5
114481

SURFACE-MOUN-
TED LUMINAIRE 4
114481

SURFACE-MOUN-
TED LUMINAIRE 3
114481

FLEX STRIP
114522
+ ALU-PROFILE

SYS-PRO RC
114579

ZONE 1 ZONE 2

EXTENSION
114494

DIMMER
114466
ZONE 2

230 V

TRANSFORMER 2
114526

RECEIVER
114597

FLEX STRIP
114521
+ ALU-PROFILE

RC SENDER
114597

We advise you!

CUSTOM MADE TO MEASURE!

- » Assembled lighting components
- » Precise custom production
- » Delivery ready for installation
- » We realize your project!

Send us your inquiry!

APPLICATION EXAMPLE

Showroom Jeweller

We develop and plan your individual solution together with you.

Application example

Note the maximum current carrying capacity (see page 52).

CALCULATION

Trafo 1 0-30 W

$$\begin{array}{rcl} 114691 & 4\text{pieces} \times & 4 \text{ W} \\ = & & \underline{\underline{16 \text{ W}}} \end{array}$$

Trafo 2 0-50 W

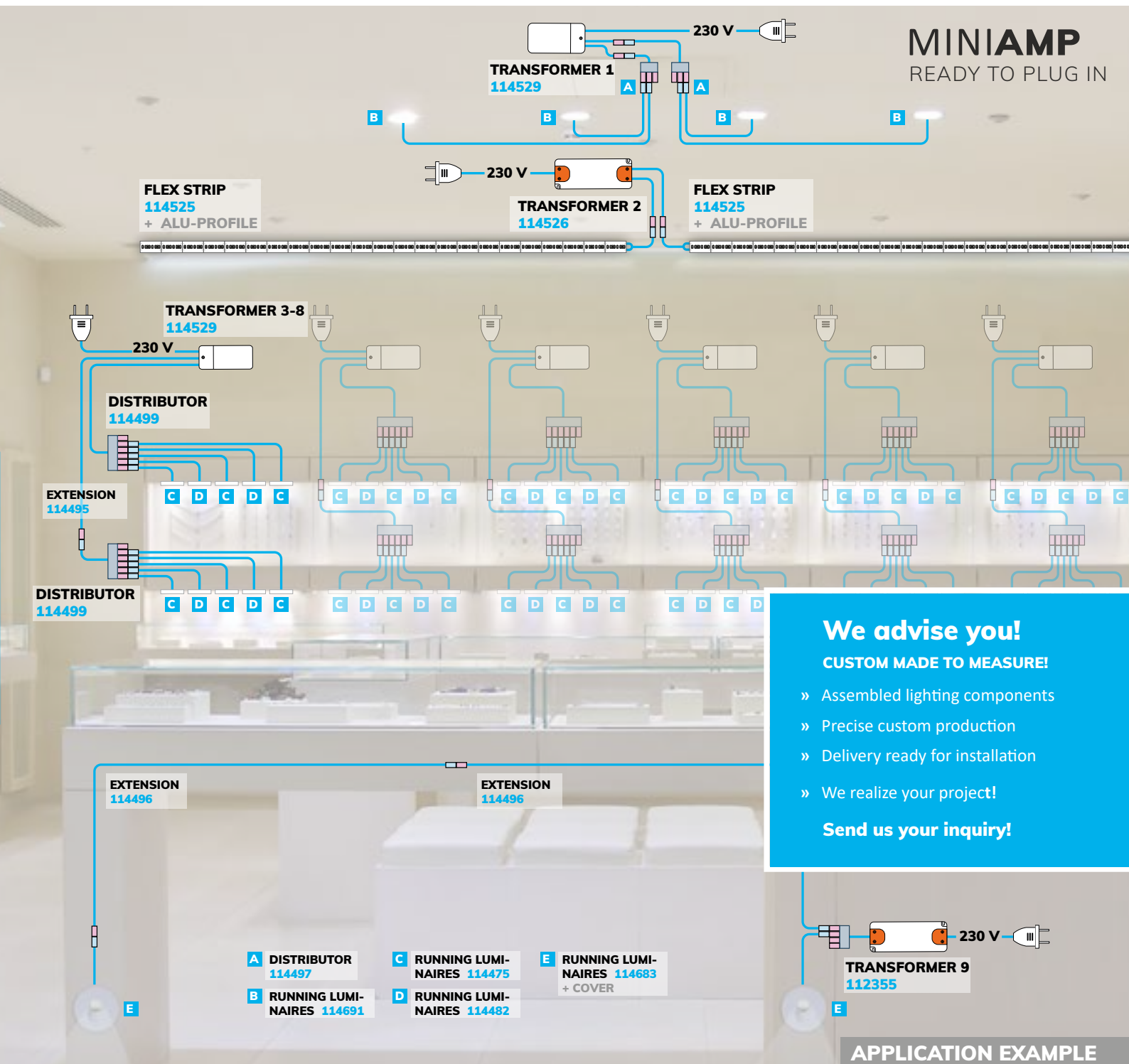
$$\begin{array}{rcl} 114525 & 2 \times 1,8 \text{ m} \times & 12 \text{ W} \\ = & & \underline{\underline{43,2 \text{ W}}} \end{array}$$

Trafos 3-8 0-30 W

$$\begin{array}{rcl} 114475 & 6\text{pieces} \times & 3 \text{ W} \\ 114482 & + 4\text{pieces} \times & 1 \text{ W} \\ = & & \underline{\underline{22 \text{ W}}} \end{array}$$

Trafo 9 0-15 W

$$\begin{array}{rcl} 114683 & 2\text{pieces} \times & 3 \text{ W} \\ = & & \underline{\underline{6 \text{ W}}} \end{array}$$



We advise you!

CUSTOM MADE TO MEASURE!

- » Assembled lighting components
- » Precise custom production
- » Delivery ready for installation
- » We realize your project!

Send us your inquiry!

APPLICATION EXAMPLE



**QUALITY, VARIETY AND TIMELESS DESIGNS
WITH SOPHISTICATED FUNCTIONALITY**

GENTLE ON BUILDING MATERIAL/FURNITURE AND EASY INSTALLATION



LED LIGHTING READY TO PLUG IN

CUSTOMISED LIGHT SOLUTIONS



PAGE 19
MiniAMP
Recessed lights



PAGE 26
MiniAMP Surface
mounted luminaires



PAGE 28
MiniAMP Flex stripes
Single Colour



PAGE 32
MiniAMP Flex stripes
white dynamic



PAGE 36
UV-C Flex stripes for
surface disinfection



PAGE 44
MiniAMP
Transformers



PAGE 46
MiniAMP
Dimmers and sensors



PAGE 50
MiniAMP
Accessories



PAGE 54
LED Profiles

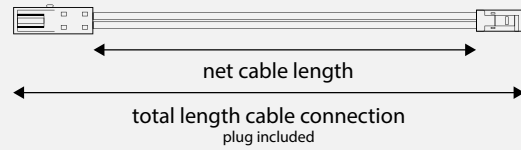
Key



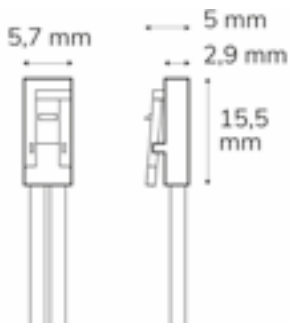
MALE
CONNECTOR



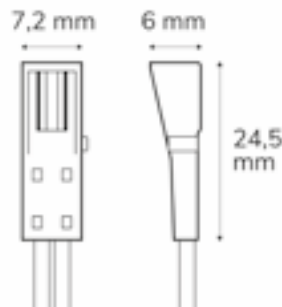
FEMALE
SOCKET



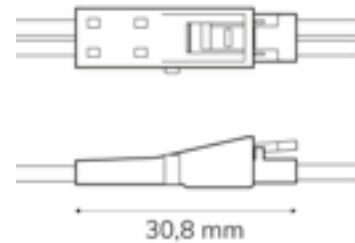
The cable lengths listed for the individual articles always refer to the net cable length: between the plugs. I.e. for the total length of a cable connection, the dimensions of the connectors must be added.



Male



Female



Male & Female



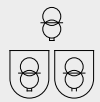
Can be mounted on "normally flammable" furnishings. These include, among other things, also wood-surfaces.

SELV

Security transformer



Do not reach temperatures that could lead to 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 reinforced insulation. No protective conductor is to be connected!

FLICKER FREE

At 100 % of light output flicker rate when dimming depending on the dimming actuator or transformer.

In the case of coloured products, we sometimes give the colour codes of the internationally used and standardised colour system (colour table) RAL. In such a case, the actual colour of the product is an approximation of the RAL colour code given. Slight colour 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 false ceilings of normally flammable materials NOT suitable luminaire



Luminaire or control gear must NOT be covered with heat insulation materials

LED LIGHTING READY TO PLUG IN **LED Luminaires**



PAGE 19

MiniAMP
Recessed luminaires



PAGE 26

MiniAMP
Surface mounted luminaires

#1 **SUCCESS FACTORS**
COMPETENT CUSTOMER SERVICE
PERSONAL SERVICE

We advise you!
We develop and plan with you together
your individual solution.
We realize your project!



Recessed luminaires

LED Slim Surface-recessed and under -cabinet luminaires

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



**FLICKER
FREE**



12 V DC



24 V DC



WARM WHITE

Luminous flux: 160 Lm
Colour temperature:
2.800 K

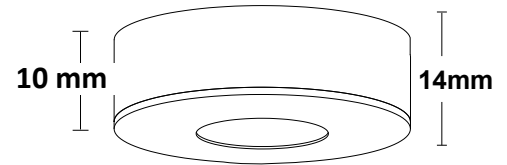
112354



WARM WHITE

Luminous flux: 160 Lm
Colour temperature:
2.800 K

113761



Ø 59 mm



LED Recessed spotlight

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



**FLICKER
FREE**



12 V DC



24 V DC



WARM WHITE

Luminous flux: 140 Lm
Colour temperature:
3.000 K

114467



WARM WHITE

Luminous flux: 140 Lm
Colour temperature:
3.000 K

114468



NEUTRAL WHITE

Luminous flux: 150 Lm
Colour temperature:
4.000 K

114469



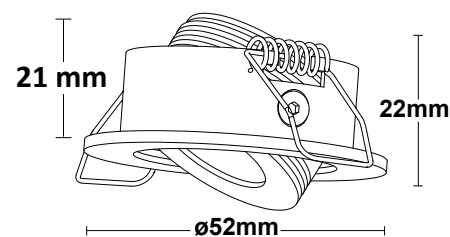
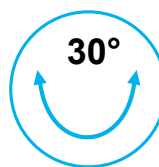
Ø 58 mm

LED Recessed luminaire

24 V DC | 3 Watt | IP40 | dimmable
swivelling
cable length: 100 cm
Installation depth: 21 mm



**FLICKER
FREE**



Ø 44 mm



WARM WHITE

Luminous flux: 300 Lm
Colour temperature:
3.000 K

114470



WARM WHITE

Luminous flux: 300 Lm
Colour temperature:
3.000 K

114472



WARM WHITE

Luminous flux: 300 Lm
Colour temperature:
3.000 K

114473



NEUTRAL WHITE

Luminous flux: 310 Lm
Colour temperature:
4.000 K

114471



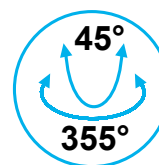
NEUTRAL WHITE

Luminous flux: 310 Lm
Colour temperature:
4.000 K

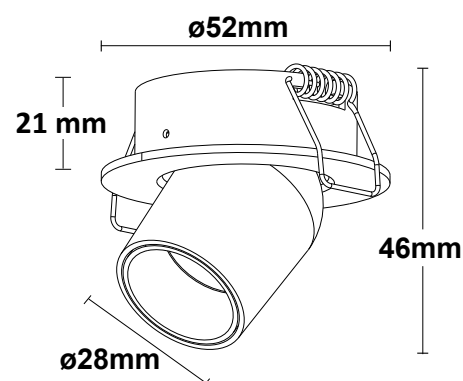
114474

LED Recessed luminaire Pipe

24 V DC | 3 Watt | IP40 | dimmable
swivelling
cable length: 100 cm
Installation depth: 21 mm



**FLICKER
FREE**



Ø 44 mm



WARM WHITE

Luminous flux: 240 Lm
Colour temperature:
3.000 K

114476



WARM WHITE

Luminous flux: 240 Lm
Colour temperature:
3.000 K

114477



NEUTRAL WHITE

Luminous flux: 250 Lm
Colour temperature:
4.000 K

114475

LED Surface-recessed and under -cabinet luminaires

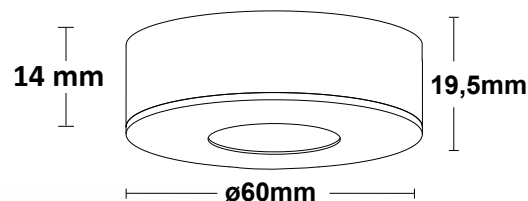
24 V DC | 3 Watt | IP42 | dimmable
cable length: 100 cm
Installation depth: 14 mm



**FLICKER
FREE**



Ø 50 mm



WARM WHITE

Luminous flux: 240 Lm
Colour temperature:
3.000 K

114478

WARM WHITE

Luminous flux: 240 Lm
Colour temperature:
3.000 K

114480

WARM WHITE

Luminous flux: 240 Lm
Colour temperature:
3.000 K

114481

NEUTRAL WHITE

Luminous flux: 250 Lm
Colour temperature:
4.000 K

114479

LED Recessed luminaire

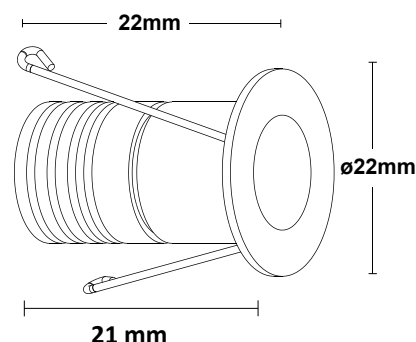
24 V DC | 1 Watt | IP 42 | dimmable | set back
cable length: 100 cm
Installation depth: 21 mm



**FLICKER
FREE**



Ø 16 mm



WARM WHITE

Luminous flux: 60 Lm
Colour temperature:
3.000 K

114482

WARM WHITE

Luminous flux: 60 Lm
Colour temperature:
3.000 K

114484

WARM WHITE

Luminous flux: 60 Lm
Colour temperature:
3.000 K

114485

NEUTRAL WHITE

Luminous flux: 65 Lm
Colour temperature:
4.000 K

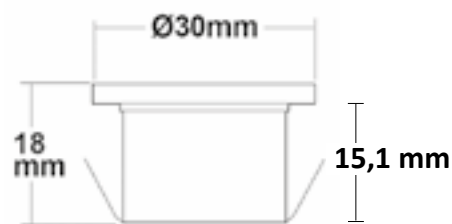
114483

LED SPOT

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



**FLICKER
FREE**



Ø 26 mm



WARM WHITE

Luminous flux: 160 Lm
Colour temperature:
3.000 K

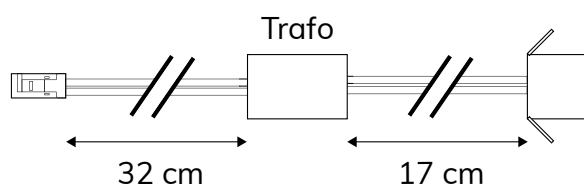
111406



COLD WHITE

Luminous flux: 170 Lm
Colour temperature:
6.000 K

111407

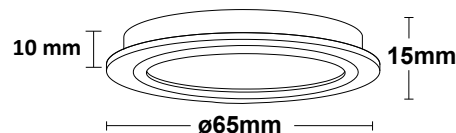


LED Furniture recessed spotlights

4 Watt | IP42 | 60° | dimmable
cable length: 100 cm
Installation depth: 10 mm



**FLICKER
FREE**



Ø 55 mm



12 V DC



24 V DC



WARM WHITE

Luminous flux: 250 Lm
Colour temperature:
3.000 K

114680



WARM WHITE

Luminous flux: 250 Lm
Colour temperature:
3.000 K

114681

LED Recessed luminaire LUNA

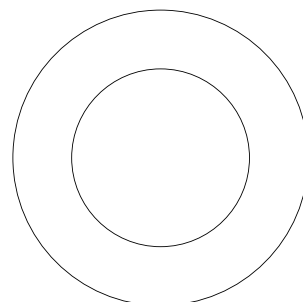
24 V DC | 4 Watt | IP20 | indirect light | dimmable
cable length: 100 cm
Installation depth: 28 mm



**FLICKER
FREE**



← Ø 75 mm →



28 mm



32 mm



Ø 63 mm



WARM WHITE

Luminous flux: 175 Lm

Colour temperature:

2.700 K

114686



NEUTRAL WHITE

Luminous flux: 200 Lm

Colour temperature:

4.000 K

114687

LED Recessed spotlight SYS-68

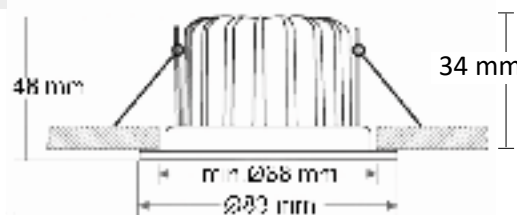
24 V DC | 5 Watt | IP52 | 60° | dimmable
swivelling
cable length: 100 cm
Installation depth: 34 mm



**FLICKER
FREE**



30°



WARM WHITE

Luminous flux: 500 Lm

Colour temperature:

3.000 K

114688



WARM WHITE

Luminous flux: 480 Lm

Colour temperature:

2.700 K

114689



WARM WHITE

Luminous flux: 500 Lm

Colour temperature:

3.000 K

114690



NEUTRAL WHITE

Luminous flux: 550 Lm

Colour temperature:

4.000 K

114691



Ø 68 mm

Recessed LED wall luminaire SYS-Wall68

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



**FLICKER
FREE**



Available in 3.000 K and 4.000 K

1 Recessed luminaire +
13 selectable covers



PLASTER OPTION

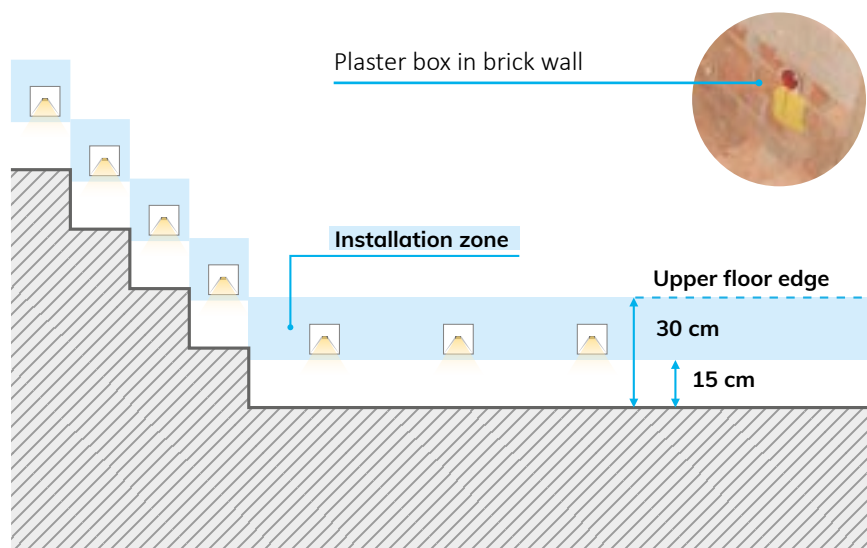
The luminaire can be screwed directly into cavity walls or inserted into solid walls with the enclosed plaster box.



**COVER
ROUND**
ø85mm



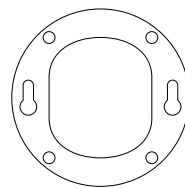
**COVER
SQUARE**
B:85mm L:85mm



LED Wandrecessed luminaire SYS-Wall68

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

← Ø 79 mm →



WARM WHITE
Luminous flux: 120 Lm
Colour temperature:
3.000 K
[114682](#)



NEUTRAL WHITE
Luminous flux: 120 Lm
Colour temperature:
4.000 K
[114683](#)



Ø 59 mm



Round 1
WHITE
[114556](#)



Round 1
BLACK
[114557](#)



Round 2
WHITE
[114558](#)



Round 2
BLACK
[114559](#)



SQUARE 1
WHITE
[114560](#)



SQUARE 1
BLACK
[114561](#)



SQUARE 1
SILVER GREY
[114562](#)



SQUARE 2
WHITE
[114563](#)



SQUARE 2
BLACK
[114564](#)



SQUARE 2
SILVER GREY
[114565](#)



SQUARE 3
WHITE
[114566](#)



SQUARE 3
BLACK
[114567](#)



SQUARE 3
SILVER GREY
[114568](#)

Surface mounted luminaires

LED Slim Surface-recessed and under -cabinet luminaires

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



**FLICKER
FREE**



12 V DC



24 V DC



WARM WHITE

Luminous flux: 160 Lm
Colour temperature:
2.800 K

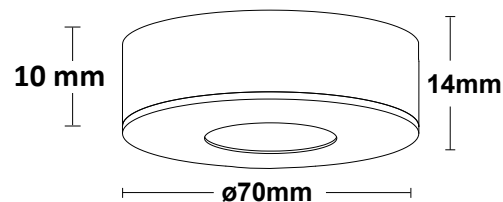
112354



WARM WHITE

Luminous flux: 160 Lm
Colour temperature:
2.800 K

113761

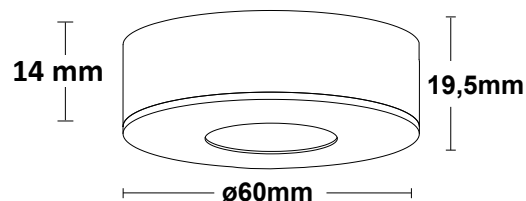


Ø 64 mm



LED Surface-recessed and under -cabinet luminaires

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



Ø 50 mm



**FLICKER
FREE**



WARM WHITE

Luminous flux: 240 Lm
Colour temperature:
3.000 K

114478



NEUTRAL WHITE

Luminous flux: 250 Lm
Colour temperature:
4.000 K

114479



WARM WHITE

Luminous flux: 240 Lm
Colour temperature:
3.000 K

114480



WARM WHITE

Luminous flux: 240 Lm
Colour temperature:
3.000 K

114481

LED LIGHTING READY TO PLUG IN **LED Flex stripes**



PAGE 28

MiniAMP Flex stripes
Single Colour



PAGE 32

MiniAMP Flex stripes
whitedynamic



UV-C

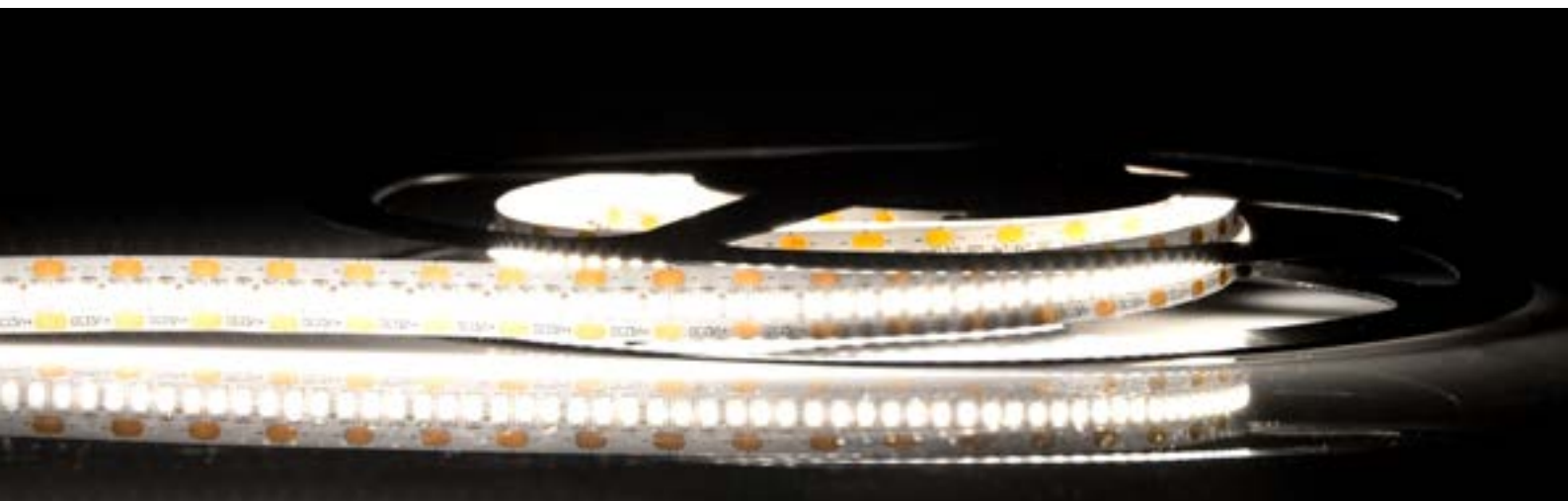
PAGE 36

UV-C Flex stripes for
surface disinfection

#1 **SUCCESS FACTORS**
COMPETENT CUSTOMER SERVICE
PERSONAL SERVICE

We advise you!
We develop and plan with you
together your individual solution.
We realize your project!

Flex stripes Single Colour



12 V

24 V

1,2 m

2,5 m

5 m

6 W

12 W

92 - 103 lm/W



NEUTRAL WHITE
4000 Kelvin



WARM WHITE
3000 Kelvin



WARM WHITE
2500 Kelvin

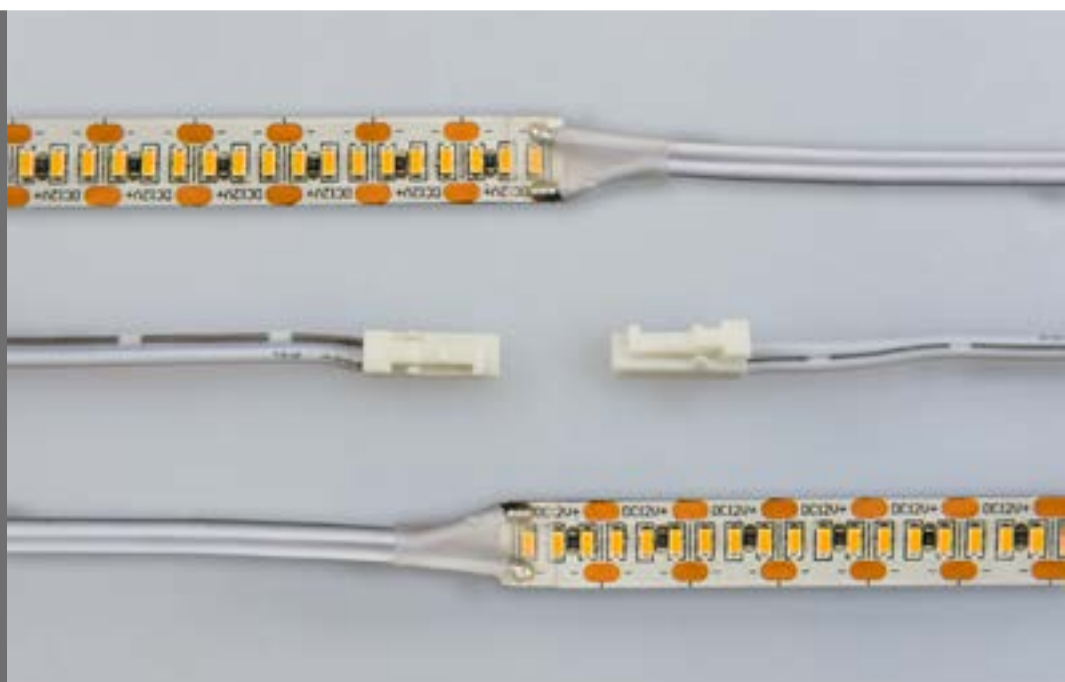
MINIAMP
READY TO PLUG IN



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



All LED Flex stripes off our
assortment can be assem-
bled ready to plug in



Homogeneous light lines | High chip density | Small separation sections

12V LED MINIAMP FLEX STRIPE

NEW 6 Watt | IP20 **A+**



1:1
DIMENSION

10 mm Width	300 LED/ METER max. 5 m / Feed-in	Separation point: 10 mm
12 V DC Voltage	6 W/m Power	Width: 10 mm
IP20 Protection class		Height: 1 mm
		Pitch: 3 mm
		Hours: 20.000 h

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

600 Lumen/Meter | 100 lm/W

Active power: 6 Watt/Meter

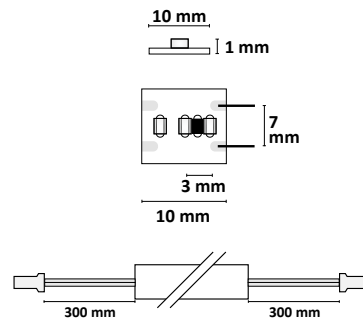
114507 1,2 METER | **114508** 2,5 METER | **114509** 5 METER

LED CRI940 MiniAMP 12V-Flex stripe

Neutral white | 4000 K | CRI93

620 Lumen/Meter | 103 lm/W

Active power: 6 Watt/Meter



CUSTOMIZED PACKING

WE ARE YOUR PARTNER!

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.



We advise you!

- ▶ Assembled lighting components
- ▶ Precise custom production
- ▶ Delivery ready for installation
- ▶ We realize your project!

Send us your inquiry!

1:1
DIMENSION

12V LED MINIAMP FLEX STRIPE

NEW 12 Watt | IP20 **A+**

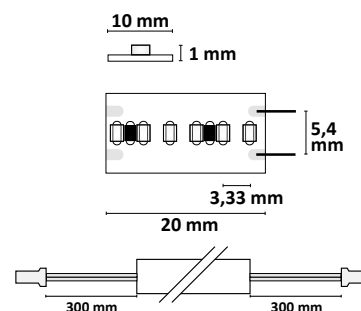


× 2

**FLICKER
FREE**



10 mm Width	300 LED/ METER max. 3 m / Feed-in		Separation point: 10 mm Width: 10 mm Height: 1 mm Pitch: 3 mm Hours: 20.000 h
	12 V DC Voltage	12 W/m Power	IP20 Protection class



Double-sided 30 cm cable with plug

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

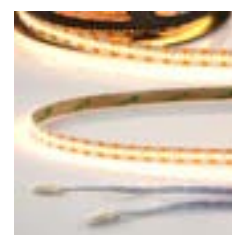
LED CRI930 MiniAMP 12V-Flex stripe

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



24V LED MINIAMP FLEX STRIPE

NEW 6 Watt | IP20 **A+**

10 mm Width	300 LED/ METER max. 10 m / Feed-in	Separation point: 20 mm
24 V DC Voltage	6 W/m Power	Width: 10 mm
IP20 Protection class		Height: 1 mm
		Pitch: 3 mm
		Hours: 20.000 h

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

600 Lumen/Meter | 100 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

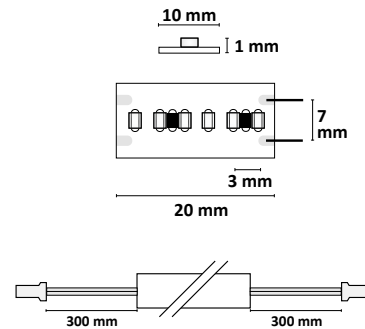
620 Lumen/Meter | 103 lm/W

Active power: 6 Watt/Meter



FLICKER FREE

1:1
DIMENSION



24V LED MINIAMP FLEX STRIPE

NEW 12 Watt | IP20 **A+**



FLICKER FREE

1:1
DIMENSION

10 mm Width	300 LED/ METER max. 5 m / Feed-in	Separation point: 20 mm
24 V DC Voltage	12 W/m Power	Width: 10 mm
IP20 Protection class		Height: 1 mm
		Pitch: 3 mm
		Hours: 20.000 h

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

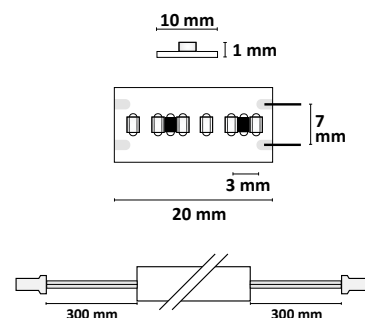
114523 1,2 METER | **114524** 2,5 METER | **114525** 5 METER

LED CRI940 MiniAMP 24V-Flex stripe

Neutral white | 4000 K | CRI93

1150 Lumen/Meter | 96 lm/W

Active power: 12 Watt/Meter



Flex stripes whitedynamic



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

MINIAMP
READY TO PLUG IN



Double-sided 30cm cable

For individual lengths cut the
Flex stripe



All LED Flex stripes off our
assortment can be assemb-
led ready to plug in



Homogeneous light lines | High chip density | Small separation sections

12V LED MINIAMP FLEX STRIPE WHITE DYNAMIC

NEW 10 Watt | IP20 **A+**

8 mm Width	120 LED/ METER max. 4 m / Feed-in	Separation point: 50 mm
12 V DC Voltage	9 W/m Power	Width: 8 mm
IP20 Protection class		Height: 1,8 mm
		Pitch: 16,67 mm
		Hours: 20.000 h

Double-sided 30 cm cable with plug

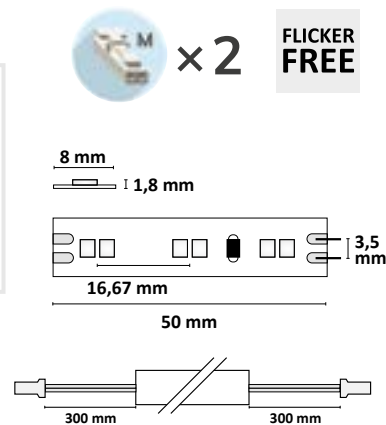
[114632 2,5 METER](#) | [114633 5 METER](#)

LED CRI919/940 MiniAMP 12V-Flex stripe white dynamic

1900-4000 K | CRI92

1000 Lumen/Meter | 110 lm/W

Active power: 9 Watt/Meter



1:1
DIMENSION



24V LED MINIAMP FLEX STRIPE WHITE DYNAMIC

NEW 10 Watt | IP20 **A+**

8 mm Width	120 LED/ METER max. 8 m / Feed-in	Separation point: 100 mm
24 V DC Voltage	9 W/m Power	Width: 8 mm
IP20 Protection class		Height: 1,8 mm
		Pitch: 16,67 mm
		Hours: 20.000 h

Double-sided 30 cm cable with plug

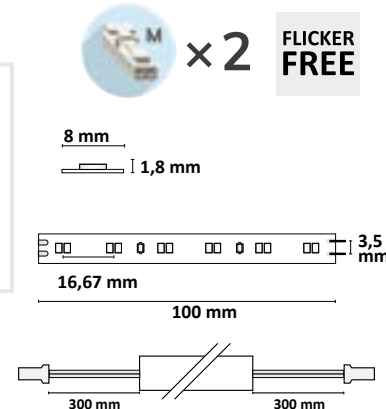
[114634 2,5 METER](#) | [114635 5 METER](#)

LED CRI919/940 MiniAMP 24V-Flex stripe white dynamic

1900-4000 K | CRI92

1000 Lumen/Meter | 110 lm/W

Active power: 9 Watt/Meter



1:1
DIMENSION



1:1
DIMENSION



12V LED MINIAMP FLEX STRIPE WHITE DYNAMIC

NEW 15 Watt | IP20 **A+**

10 mm Width	240 LED/ METER max. 2,5 m / Feed-in	Separation point: 25 mm
12 V DC Voltage	14 W/m Power	IP20 Protection class
		Width: 10 mm
		Height: 1,8 mm
		Pitch: 8,33 mm
		Hours: 20.000 h

Double-sided 30 cm cable with plug

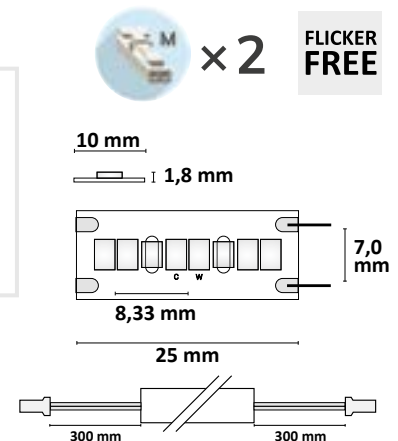
114636 1,2 METER | **114637** 2,5 METER

LED CRI919/940 MiniAMP 12V-Flex stripe white dynamic

1900-4000 K | CRI92

1500 Lumen/Meter | 105 lm/W

Active power: 14 Watt/Meter



1:1
DIMENSION



24V LED MINIAMP FLEX STRIPE WHITE DYNAMIC

NEW 15 Watt | IP20 **A+**

10 mm Width	240 LED/ METER max. 5 m / Feed-in	Separation point: 50 mm
24 V DC Voltage	14 W/m Power	IP20 Protection class
		Width: 10 mm
		Height: 1,8 mm
		Pitch: 8,33 mm
		Hours: 20.000 h

Double-sided 30 cm cable with plug

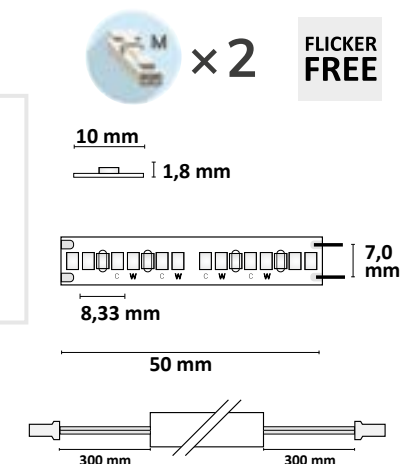
114638 1,2 METER | **114639** 2,5 METER | **114640** 5 METER

LED CRI919/940 MiniAMP 24V-Flex stripe white dynamic

1900-4000 K | CRI92

1500 Lumen/Meter | 105 lm/W

Active power: 14 Watt/Meter

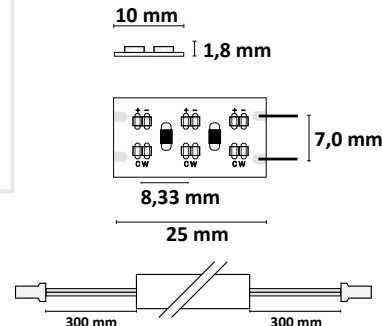


1:1
DIMENSION

24V LED MINIAMP FLEX STRIPE WHITE DYNAMIC

NEW 20 Watt | IP20 **A**

10 mm Width	480 LED/ METER max. 5 m / Feed-in	Separation point: 25 mm
24 V DC Voltage	19 W/m Power	Width: 10 mm
IP20 Protection class		Height: 1,8 mm
		Pitch: 8,33 mm
		Hours: 20.000 h



Double-sided 30 cm cable with plug

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

LED CRI919/940 MiniAMP 24V-Flex stripe white dynamic

1900-4000 K | CRI92

1650 Lumen/Meter | 85 lm/W

Active power: 19 Watt/Meter



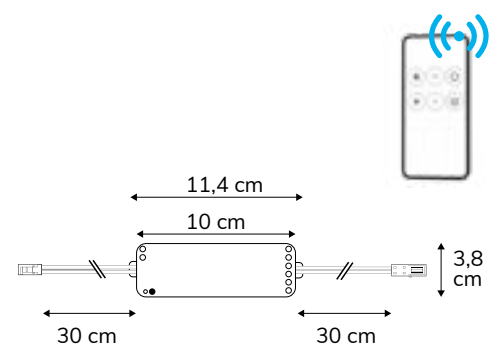
LED Push/Radio PWM-Controller

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

Whitedynamic

cable length: Double-sided 30 cm

114643



Flex stripes UV-C



12 V

6 W per 58 cm

12 W per 116 cm

MINIAMP READY TO PLUG IN

- + Design-protected UV-C
Flex stripe with IP54
protection class
- + Highly effective UV-C
270nm wavelength
- + Single blue LED signals
operation state
- + One-sided 30 cm connect-
ion cable with plug



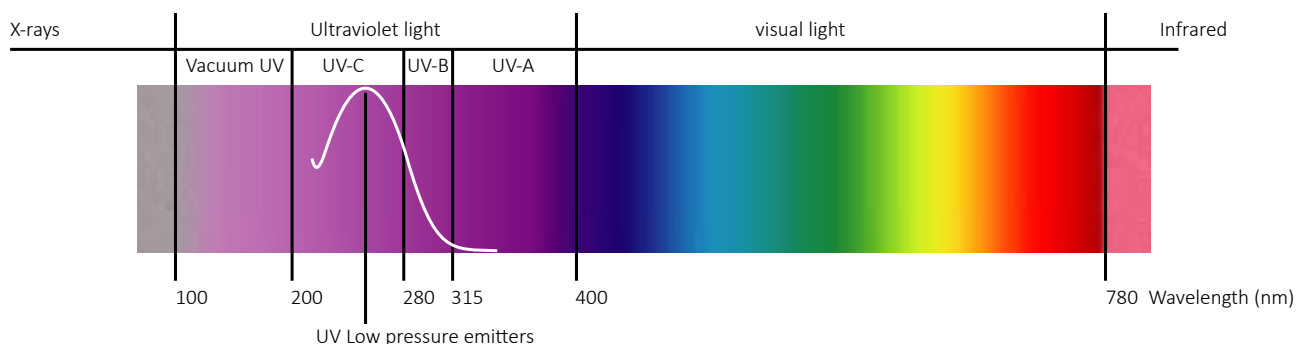
LATEST LED LIGHTING SOLUTIONS WITH UV-C

Targeted disinfection of surfaces and objects

Ultraviolet radiation is not visible

Light is a form of electromagnetic radiation. UV (ultraviolet radiation) refers to the wavelength range from 100 nm to 400 nm (nm = nanometer). Ultraviolet light is not visible, but can be refracted, reflected, diffracted and absorbed just like radiation of other wavelengths.

Ultraviolet light is divided into the wavelength ranges UVA, UVB, UV-C and VUV (vacuum UV). As can be seen in the figure, UV-C is very short-wave and lies in the range of 200- 280 nm.



UV-C	100 - 280 nm	very short wavelength, does not reach the earth's surface, absorption by the uppermost air layers of the earth's atmosphere, has a very strong decontaminating effect, very strong erythema effect	Physical disinfection technology, photochemical reactions, luminescence,...
-------------	--------------	--	---

UV-C radiation destroys viruses, bacteria, fungi

UV-C radiation has been used for many years to disinfect or kill pathogens such as viruses, bacteria and other organic unicellular organisms.

The organism of organic unicellular organisms has a very simple structure. UV-C acts on the cell structure of the unicellular organisms, kills them reliably and prevents further spread.

UV-C has no serious effects on complex organisms such as the human body.

No immunity against UV-C

Pathogens cannot develop immunity to UV-C radiation. Even multi-resistant hospital germs are successfully combated with UV-C.

Precise LED technology replaces mercury vapour lamps as well as low pressure radiators/tubes

In contrast to the mercury vapour lamps used up to now, LED technology offers innumerable advantages that make a lasting contribution to protection against the transmission of diseases.

IP
INGRESS PROTECTION

5

4

MARKET INNOVATION

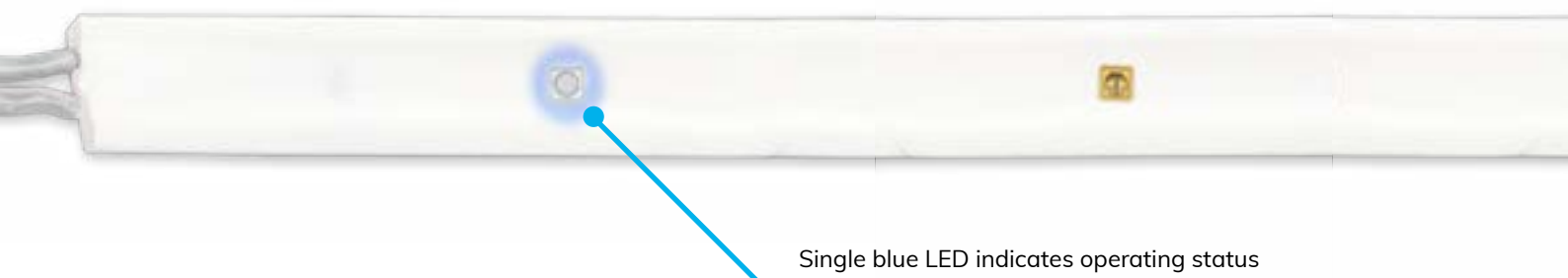
complete protection against contact (against dust in harmful quantities)

Protection against all sides splash water

**UV-C
LIGHTING
SOLUTION
WITH IP54**

Maximum energy efficiency, highest efficiency and ecologically safe

- » Our LED chips precisely and constantly emit the ideal UV-C wavelength range (270 nm)
- » Minimum tolerances in the wave range (+/- 15 nm)
- » The UV-C radiation can be directed exactly onto the surface or object to be disinfected with our LED lights
- » Efficiency by more than 50 % compared to conventional UV-C lamps
- » Hardly to no power loss due to unwanted heat or optical energy
- » Shorter irradiation time due to the directed release of the pathogen-killing wavelength
- » No harmful components in the LED chip and no emission of environmental pollutants
- » No warm-up times- Pulse operation possible
- » Intelligent light control can be implemented easily and economically using reliable inverted motion detectors
- » Low-cost investment
- » In contrast to chemical or thermal disinfection methods no direct damage or alteration of objects or surfaces



Important notes:

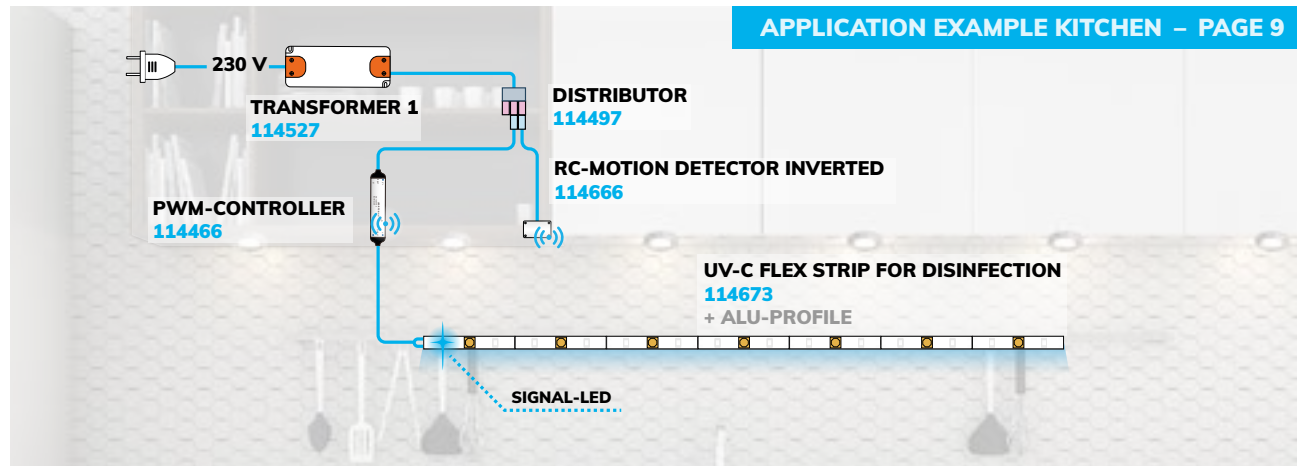
- Objects or surfaces permanently exposed to UV-C light can change their physical, haptic and optical properties depending on the material. This means, for example, that plastics and materials that are not UV-resistant can discolour.
- Normal window glass, plastic foils or focusing lenses block the UV-C wavelength.
- OPEN, unpackaged food must not be irradiated with UV-C according to the Food Act!
- Avoid UV-C radiation for humans, animals and plants
- Humans are not exposed to UV-C in everyday life because the sun's radiation does not hit the earth in this wavelength range (in contrast to UV-A and UV-B radiation, which tans the human body, for example, or is responsible for skin aging).
- We would like to point out that you should avoid exposure to UV-C, protect your skin and eyes and stay outside the disinfection area.
- No disinfection on SchattenPagen possible
- Disinfection with UV-C LED luminaires only takes place on those surfaces on which UV-C rays can strike directly.
- Z. B. The lower surface of a toilet seat is not disinfected if no UV-C rays can strike it directly.

Applications

Our UV-C LED flex stripes and 3-phase rail lamps emit all their power in the UV-C wavelength range. We do not mix in inefficient UV-A and UV-B radiation. The operating status of our UV-C products is indicated by a blue light emitting diode.

The new UV-C product range of ISOLED® has many fields of application and can be used for surface and/or object disinfection.

The UV-C LED Flex stripes and 3-phase rail lamps are switched by inverted motion detectors. This means that when movement is detected, the lights are switched off to protect people from the UV-C rays.



PAGE 41

LED UV-C Flex stripes



PAGE 49

Inverted motion detectors

- Public sanitary facilities
- bathroom and WC
- Offices and workstations
- Commercial kitchens
- Elevators
- Hospitals
- Surgeries
- Waiting rooms
- Encounter zones

- Old people's homes
- Schools & kindergartens
- Hotel room
- Campsites
- Boarding schools & student accommodation
- Shopping trolley parking spaces
- Restaurants &
- Catering establishments

- SPA and wellness areas
- Fitness studios
- Swimming pools
- Beauty and nail studios
- Hairdresser and hairstylist salons
- Tattoo Studios
- Tanning salon studios
- Ventilation systems



12V LED MiniAMP FLEX STRIPE UV-C NEW for surface disinfection

10 mm Width	Wavelength 270 nm	IP54 Protection class
Width:	10 mm	
Height:	4 mm	
Pitch:	83,3 mm	
Hours:	20.000 h	

One-sided 30 cm cable with plug

114670 58 CENTIMETER

LED UV-C MiniAMP 12V-Flex stripe - 3W

for surface disinfection

14 LED/Unit | 12 V DC

white | 270nm

Active power: 3 Watt/Unit

114672 116 CENTIMETER

LED UV-C MiniAMP 12V-Flex stripe - 6W

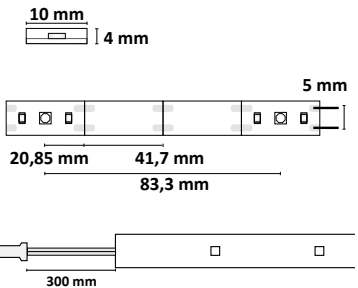
for surface disinfection

28 LED/Unit | 12 V DC

white | 270nm

Active power: 6 Watt/Unit

1:1
DIMENSION



12V LED MiniAMP FLEX STRIPE UV-C NEW for surface disinfection

10 mm Width	Wavelength 270 nm	IP54 Protection class
Width:	10 mm	
Height:	4 mm	
Pitch:	41,7 mm	
Hours:	20.000 h	

One-sided 30 cm cable with plug

114671 58 CENTIMETER

LED UV-C MiniAMP 12V-Flex stripe - 6W

for surface disinfection

28 LED/Unit | 12 V DC

white | 270nm

Active power: 6 Watt/Unit

114673 116 CENTIMETER

LED UV-C MiniAMP 12V-Flex stripe - 12W

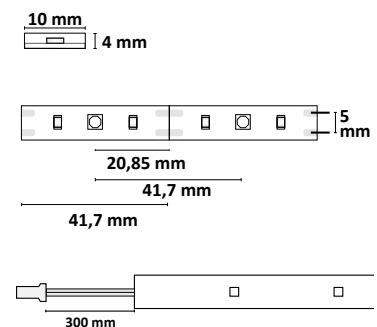
for surface disinfection

56 LED/Unit | 12 V DC

white | 270nm

Active power: 12 Watt/Unit

1:1
DIMENSION



12V LED MiniAMP FLEX STRIPE UV-C

NEW for surface disinfection



10 mm Width	Wavelength 270 nm	IP54 Protection class
Width:	10 mm	
Height:	4 mm	
Pitch:	83,3 mm	
Hours:	20.000 h	

One-sided 30 cm cable with plug

114674 58 CENTIMETER

LED UV-C MiniAMP 12V-Flex stripe - 3W

for surface disinfection

14 LED/Unit | 12 V DC

black | 270nm

Active power: 3 Watt/Unit

114675 116 CENTIMETER

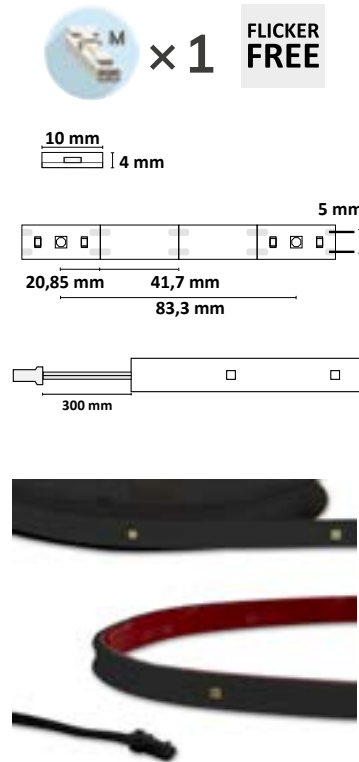
LED UV-C MiniAMP 12V-Flex stripe - 6W

for surface disinfection

28 LED/Unit | 12 V DC

black | 270nm

Active power: 6 Watt/Unit



1:1
DIMENSION



12V LED MiniAMP FLEX STRIPE UV-C

NEW for surface disinfection



10 mm Width	Wavelength 270 nm	IP54 Protection class
Width:	10 mm	
Height:	4 mm	
Pitch:	41,7 mm	
Hours:	20.000 h	

One-sided 30 cm cable with plug

114676 58 CENTIMETER

LED UV-C MiniAMP 12V-Flex stripe - 6W

for surface disinfection

28 LED/Unit | 12 V DC

black | 270nm

Active power: 6 Watt/Unit

114677 116 CENTIMETER

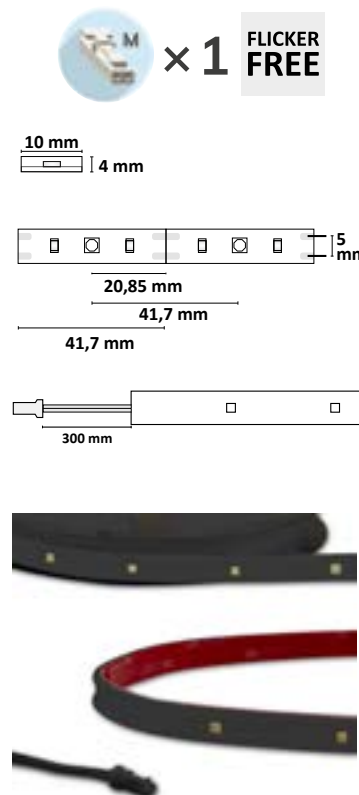
LED UV-C MiniAMP 12V-Flex stripe - 12W

for surface disinfection

56 LED/Unit | 12 V DC

black | 270nm

Active power: 12 Watt/Unit



1:1
DIMENSION





LED LIGHTING READY TO PLUG IN **LED Technology**



PAGE 44

MiniAMP
Transformers



PAGE 46

MiniAMP
Dimmers and sensors



PAGE 50

MiniAMP
Accessories

#1 **SUCCESS FACTORS**
COMPETENT CUSTOMER SERVICE
PERSONAL SERVICE

We advise you!
We develop and plan with you
together your individual solution.
We realize your project!

Transformers

Flat | long supply lines | ready to plug in

12 V DC Transformers



12 V DC | 0-15 W | IP20

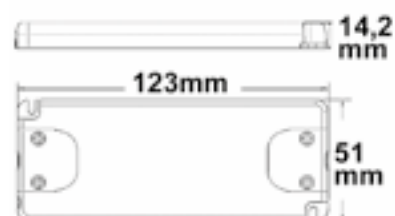
120 cm | including flat plugs and
4-way MiniAMP distributor
Supply line cable length: 120 cm
Distributor cable length: 55 cm



NOMINAL VOLTAGE: 100-240 V AC

ACTIVE POWER: 0-15 W

112355



12 V DC | 0-24 W | IP20

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



NOMINAL VOLTAGE: 100-240 V AC

ACTIVE POWER: 0-24 W

112356



12 V DC | 0-30 W | IP20

200cm cable with flat plug secondary
2 female sockets

Supply line cable length: 190cm
Distributor cable length: 2 x 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

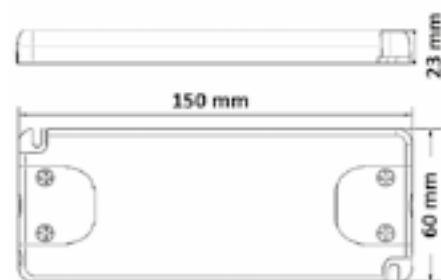
Supply line cable length: 120 cm
Distributor cable length: 2 x 10 cm



NOMINAL VOLTAGE: 12 V DC

ACTIVE POWER: 0-50 W

114527



24 V DC Transformers



24 V DC | 0-30 W | IP20

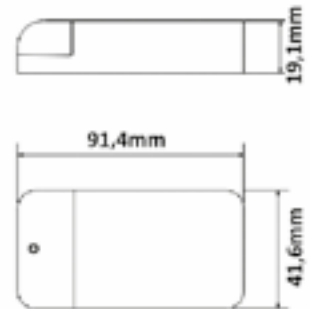
200 cm cable with flat plug
secondary 2 female sockets
Supply line cable length: 190 cm
Distributor cable length: 2 × 10 cm



NOMINAL VOLTAGE: 100-240 V AC

ACTIVE POWER: 0-30 W

114529



24 V DC | 0-50 W | IP20

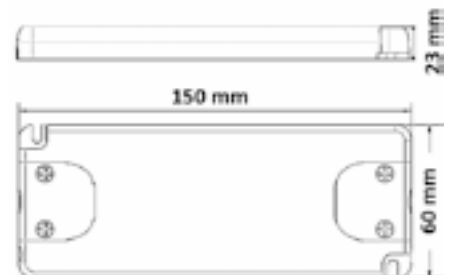
120 cm cable with flat plug
secondary 2 female sockets
Supply line cable length: 120 cm
Distributor cable length: 2 × 10 cm



NOMINAL VOLTAGE: 24 V DC

ACTIVE POWER: 0-50 W

114526



#1 SUCCESS FACTORS
COMPETENT CUSTOMER SERVICE
PERSONAL SERVICE

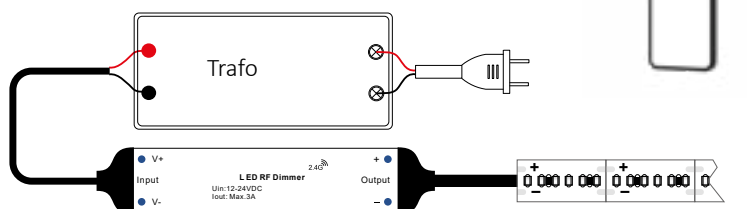
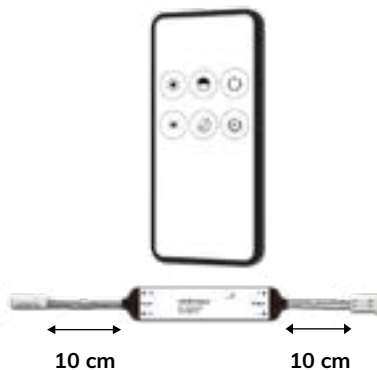
We advise you!
We develop and plan with you
together your individual solution.
We realize your project!

Dimmers and sensors

LED Radio PWM-Dimmer

12-24 V DC | 3 A | IP20 | remote control included

114466



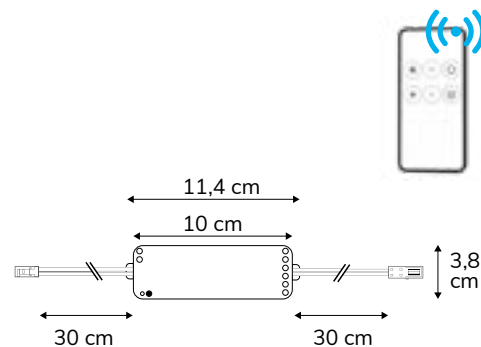
LED Push/Radio PWM-Controller

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

Whitedynamic

cable length: Double-sided 30 cm

114643



LED Touch/Radio PWM-Dimmer

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

cable length: 100cm

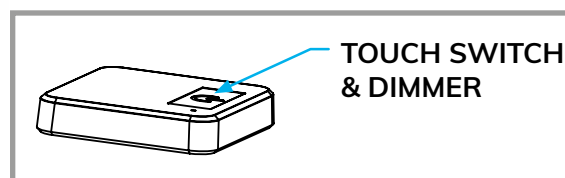
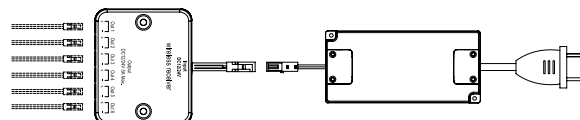
114538



× 6



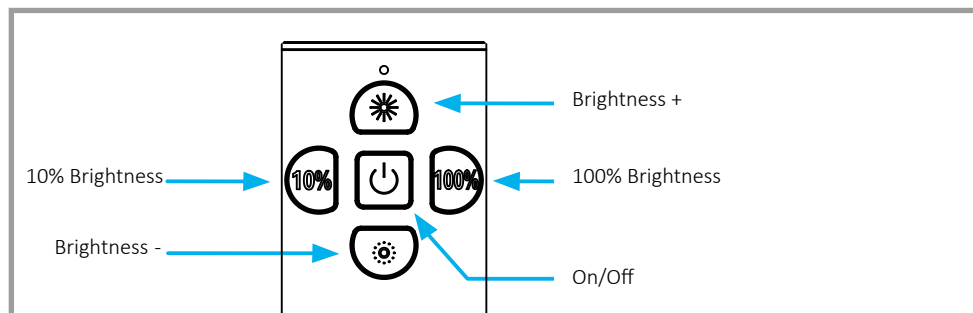
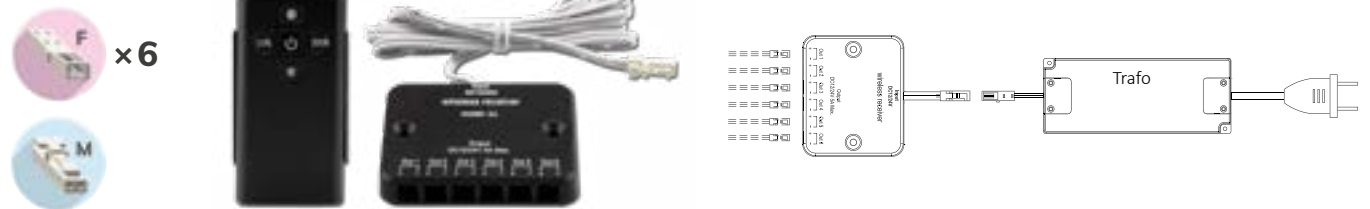
10 meter



LED Touch/Radio PWM-Dimmer

12-24 V DC | 5 A | IP20 | remote control included | 1 Channel
cable length: 100cm

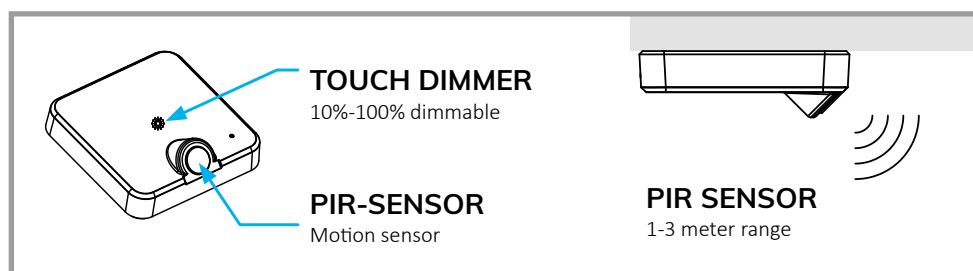
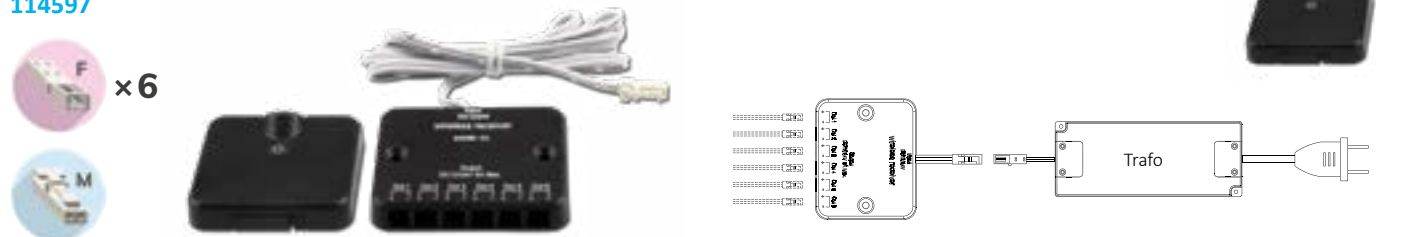
114539



LED Touch/Radio PWM-Dimmer with PIR Sensor

12-24 V DC | 5 A | IP20 | inclusive radio button | 1 Channel
cable length: 100cm

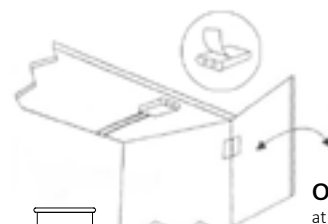
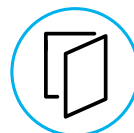
114597



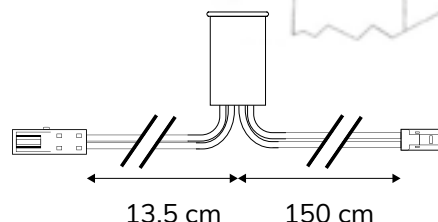
Contact-Sensor

12-24 V DC | 5 A | IP20

114550



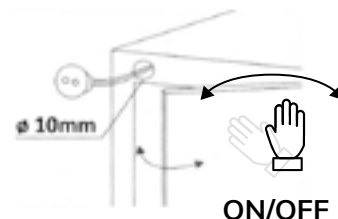
ON/OFF
at opening and closure



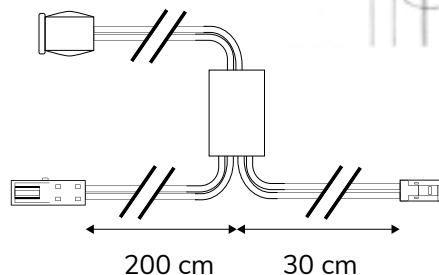
Wipe-Sensor Einbau

12-24 V DC | 5 A | IP20

114551



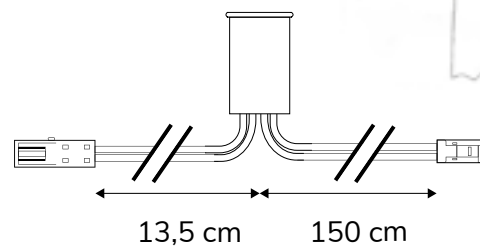
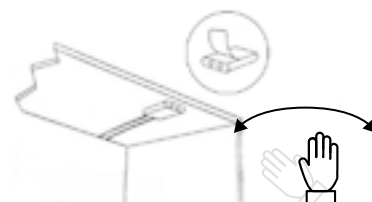
ON/OFF



Wipe-Sensor

12-24 V DC | 5 A | IP20

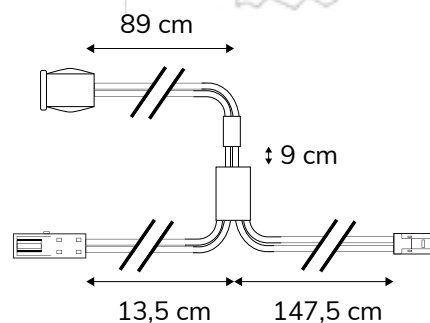
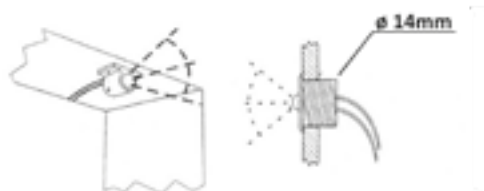
114552



PIR-Motion sensor

12-24 V DC | 5 A | IP20

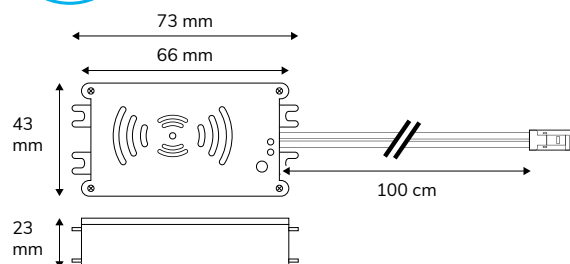
114572



HF-Motion detector

9-24 V DC | 1 W | IP20

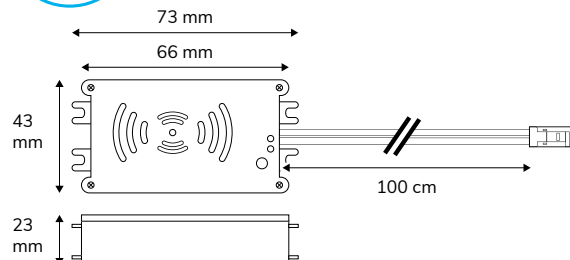
114665



HF-Motion detector inverted

9-24 V DC | 1 W | IP20

114666

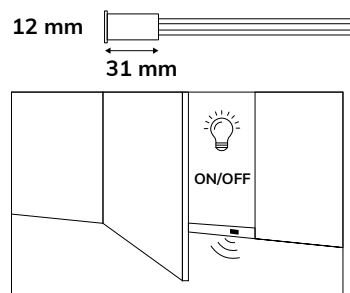
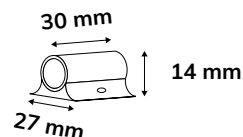
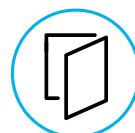


Contact-Sensor Round

12-24 V DC | 3 A | IP20

cable length: 150 cm + 150 cm

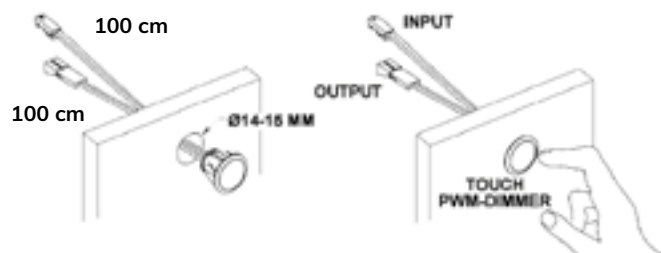
114731



LED Touch PWM-Dimmer

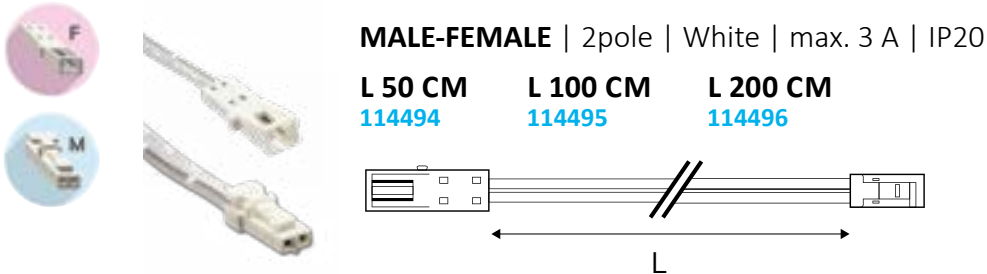
12-24 V DC | 3 A | IP20 | 1 Channel

114537



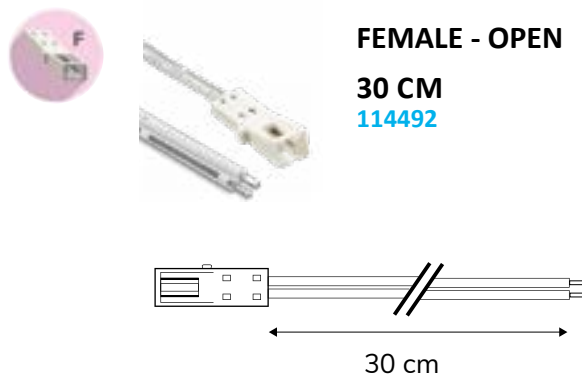
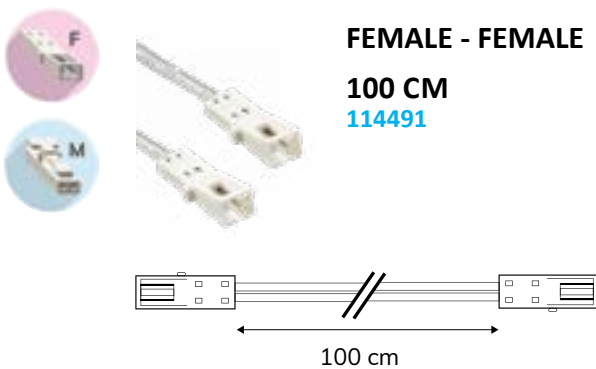
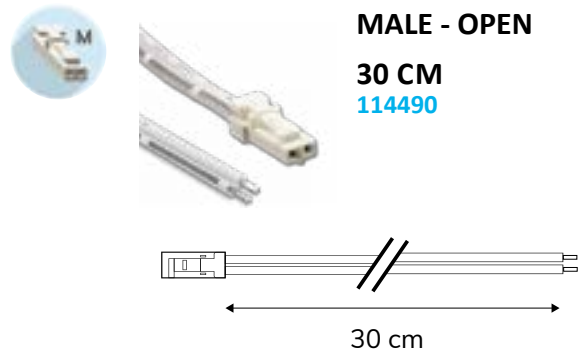
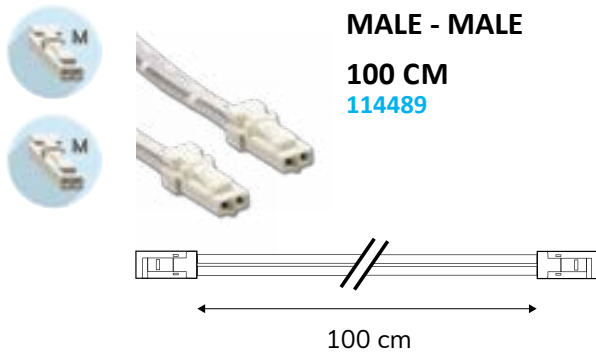
Accessories

Extension cable



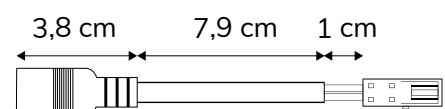
Connection plug/socket

2pole | White | max. 3 A | IP20



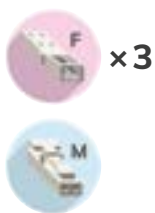
Adapter

2-pole | max. 3 A | IP20



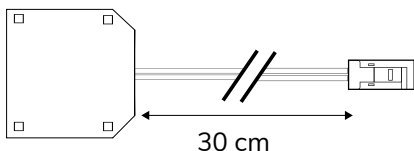
Distributor

2-pole | White | IP20



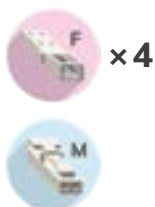
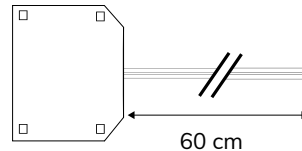
TRIPLE
1 Male zu 3 Female
max- 3,5 A

30 CM
114497



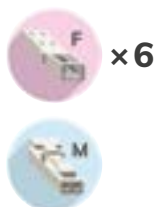
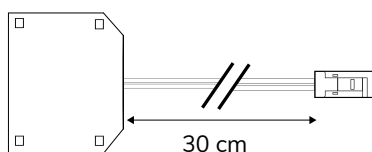
QUADRUPLE
Open to 4 Females
max 3,0 A

60 CM
113002



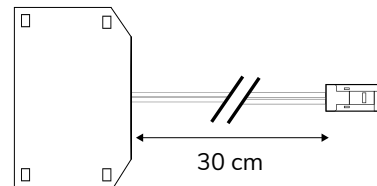
QUADRUPLE
1 Male to 4 Females
max. 3,5 A

30 CM
114498



6-FOLD
1 Male to 6 Females
max. 3,5 A

30 CM
114499



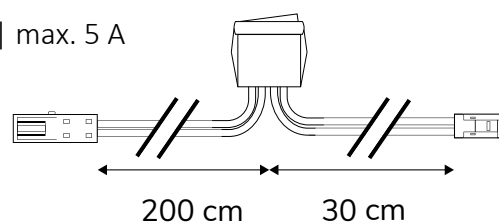
Built-in switch on/off



MALE - FEMALE

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

114500



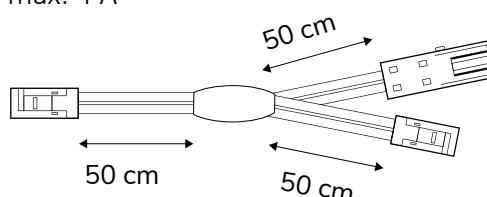
Linear splitter



1 MALE – 1 FEMALE & 1 MALE

2-pole | White | max. 4 A
IP20

113797



#1 SUCCESS FACTORS

COMPETENT CUSTOMER SERVICE
PERSONAL SERVICE

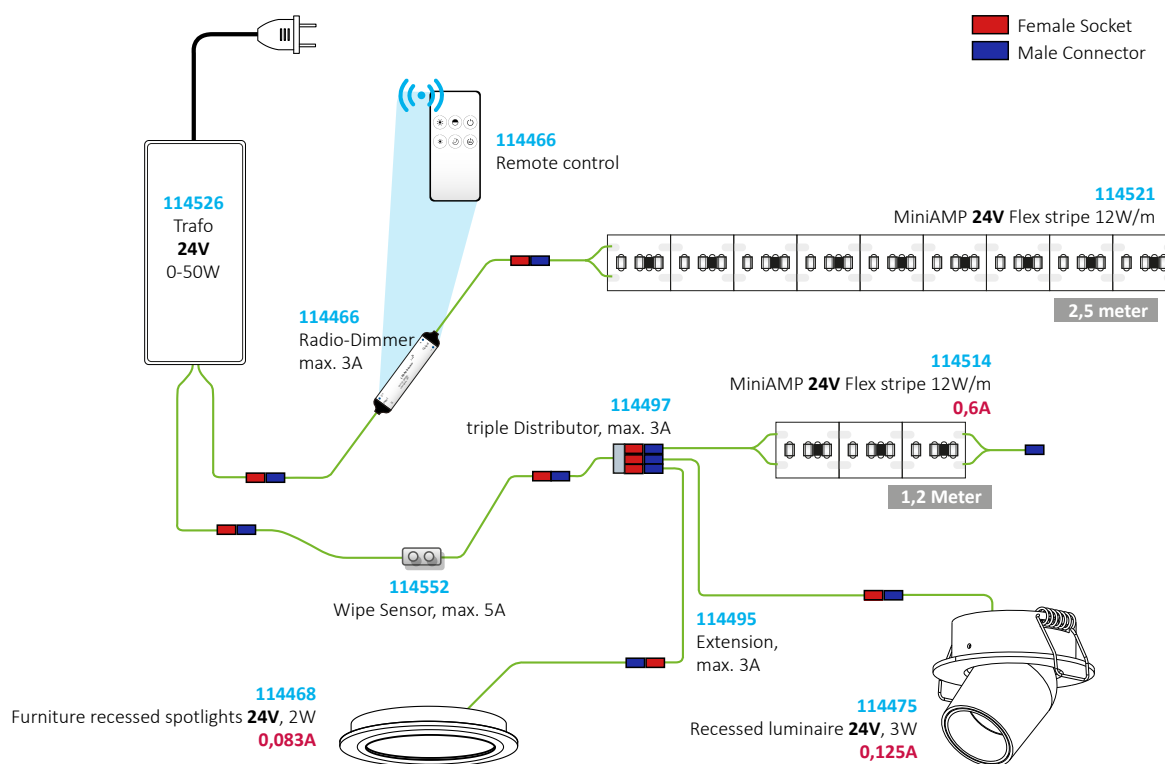
We advise you!
We develop and plan with you
together your individual solution.
We realize your project!

Current carrying capacity

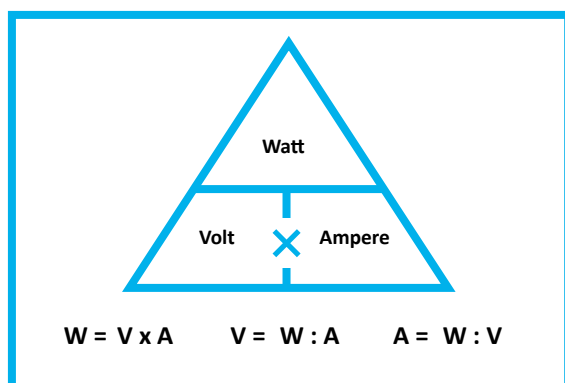
The MiniAMP assortment offers various possibilities of combining articles as well as extending and distributing the MiniAMP power connection.

Not to be disregarded is the maxi-current carrying capacity of MiniAMP extensions and MiniAMP Distributorn indicated in A for amperes within the article 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 sufficient power reserve.



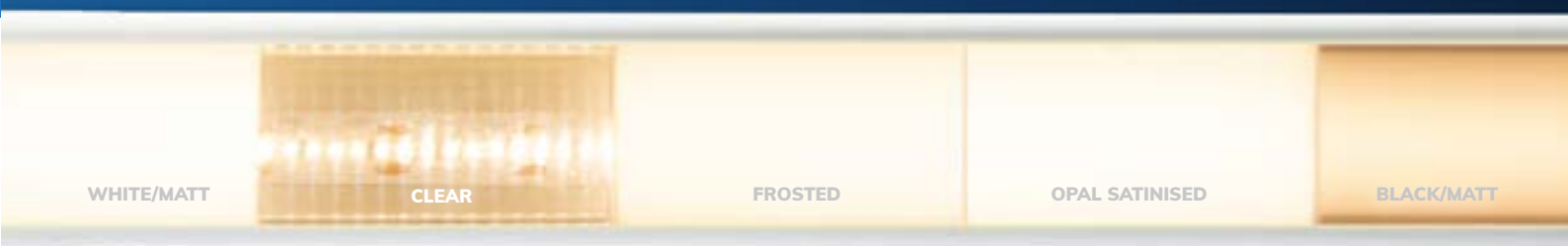
Calculation

$$\begin{aligned}
 &2,5\text{m} \times 12\text{W} \\
 &+ 1,2\text{m} \times 6\text{W} \\
 &+ 3\text{W} \\
 &+ 2\text{W} \\
 &= \underline{\underline{42,2\text{W} : 24\text{V} = 1,76\text{A}}}
 \end{aligned}$$

LED LIGHTING READY TO PLUG IN **LED Profiles**



84
LED ALU-PROFILE



#1 **SUCCESS FACTORS**
COMPETENT CUSTOMER SERVICE
PERSONAL SERVICE

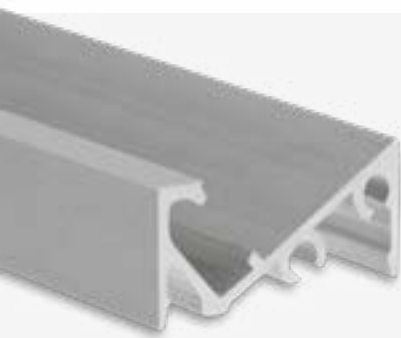
We advise you!
We develop and plan with you
together your individual solution.
We realize your project!

LED Profiles

LED aluminium profiles with smallest dimensions conceived and designed for installation in pre-milled recesses in furniture, wood and dry construction elements.

NEW FURNIT6 S LED Surface mount profile

■ SILVER □ WHITE RAL 9003 ■ BLACK RAL 9005



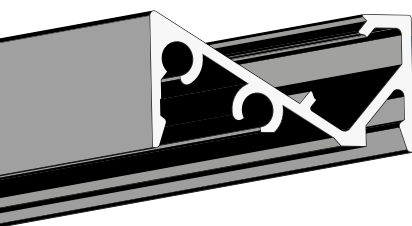
max.
6 mm



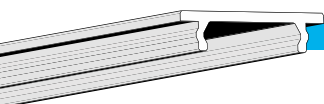
MADE-TO-MEASURE CONFECTIONERY & OEM PRODUCTION ON REQUEST

Up to 6 m | RAL-Colours

The FURNIT6 S is a surface mount profile, which is intended/suitable for mounting on furniture. This aluminium profile is also available in white and black and can be equipped with a flat cover in opal/satin (65%).

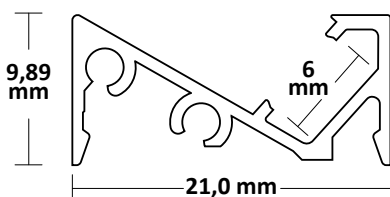


PROFILE
200 CM



COVER 24
65 %

**ALREADY
AVAILABLE FROM
NOVEMBER 2020!**



PROFILE

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

| **INSTALLATION CLIP** 114848

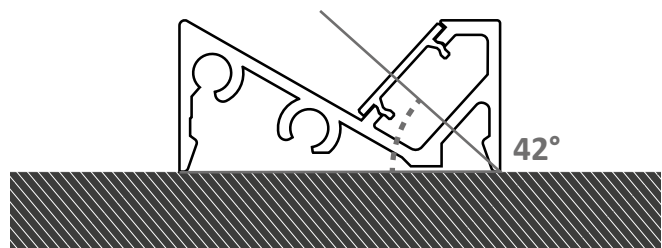
COVERS & END CAP

COVER 24
65 % | opal/satinised

- 2 m 113648
- 6 m 113649

END CAP

- aluminium
- **EC95** 114843
- **EC95W** 114845
- EC95B** 114844



FURNIT6 D

LED Recessed profile

■ SILVER □ WHITE RAL 9003 ■ BLACK RAL 9005

NEW

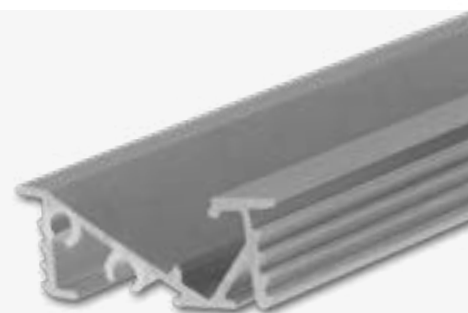
max.
6 mm



MADE-TO-MEASURE CONFECTIONERY & OEM PRODUCTION ON REQUEST

Bis 6 m | RAL-Farben

The Furnit 6 is an extraordinary LED recessed profile for flex stripes with max. 6mm width. Due to its small size this profile is perfect for furniture installation. The indirect lighting creates a decorative light effect, which gives the furniture a striking look.



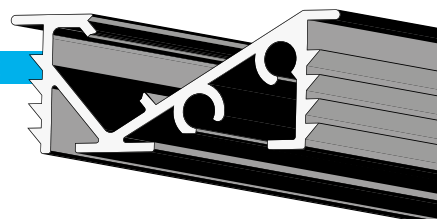
PROFILE

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

| **INSTALLATION CLIP** 114846

PROFILE

200 CM



COVERS & END CAP

COVER 24

65 % | opal/satinised

- 2 m 113648
- 6 m 113649

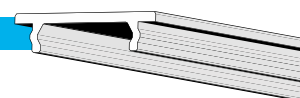
END CAP

■ aluminium

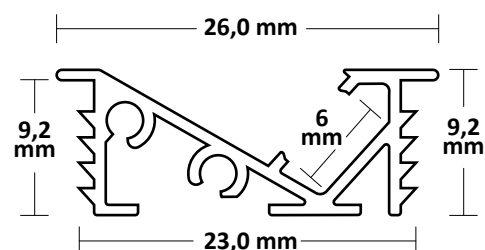
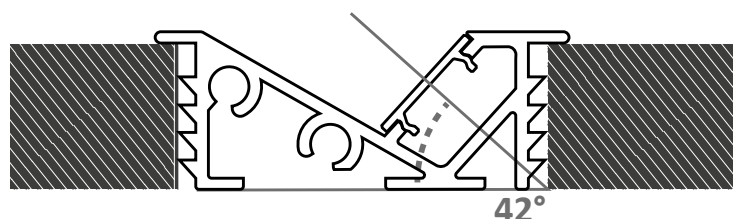
- **EC95** 114843
- **EC95W** 114845
- EC95B** 114844

COVER 24

65 %

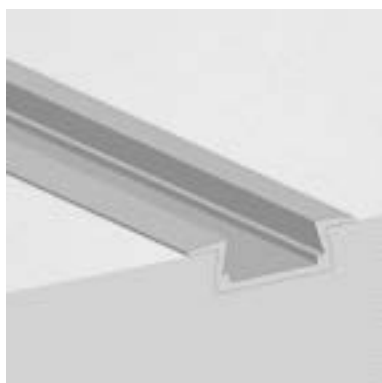
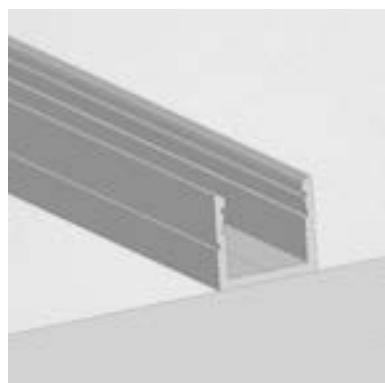


**ALREADY
AVAILABLE FROM
NOVEMBER 2020!**

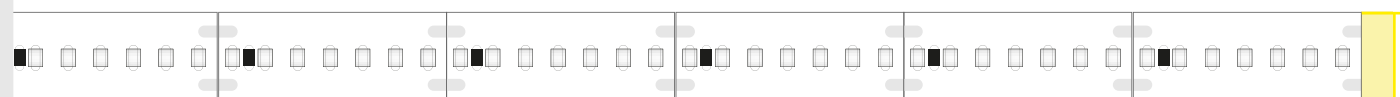


Overview of all ISOLED® aluminium profiles

All articles including technical details can be found in the new
ISOLED® 2021 product catalogue



MOUNTING AND INSTALLATION PROFILES



UP TO 9 mm

FLEX STRIPE-
WIDTH

10 mm

FLEX STRIPE-
WIDTH

11 mm

FLEX STRIPE-
WIDTH

12 mm

FLEX STRIPE-
WIDTH

13-19 mm

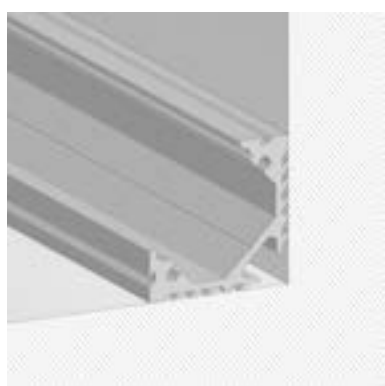
FLEX STRIPE-
WIDTH

20-21 mm

FLEX STRIPE-
WIDTH

FROM 22 mm

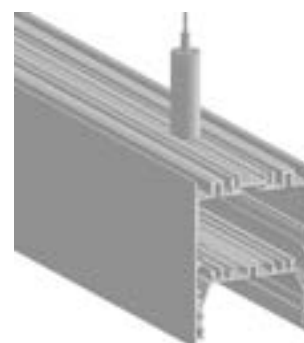
FLEX STRIPE-
WIDTH



**CORNER AND ROUND
PROFILES**



**DRYWALL
CONSTRUCTION
PROFILES**



**LUMINAIRES
PROFILE**



TILES PROFILES

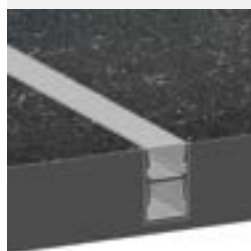


PROFILES FOR INDIRECT LIGHTING

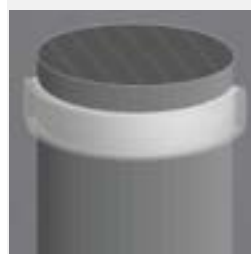


PROFILE ACCESSORIES

SPECIAL PROFILES



Walking and
driveable profiles



Flexible Profiles



Coat rail profiles



Stair profiles



Furniture profiles

LED Aluminium Profiles

Heat dissipating radiation

Mechanical protection

Preservation of the service life of the LED Flex stripes

The profiles for LED Flex stripes are made of high-quality anodised aluminium (corrosion-free) and are offered in the standard product range with a length of 2 m. Special lengths up to 6 m are available on request.

The associated profile covers are made of shatterproof and flame-retardant polycarbonate and comply with the flammability classification UL94 V-2. They are available in:

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

The profiles can be mounted on wooden strips/boards, plasterboard, masonry, concrete, tiles, stone, granite, marble and of course metal surfaces. Suitable installation clips, profiles, springs and cable suspensions (depending on the profile system) are listed in the product details.

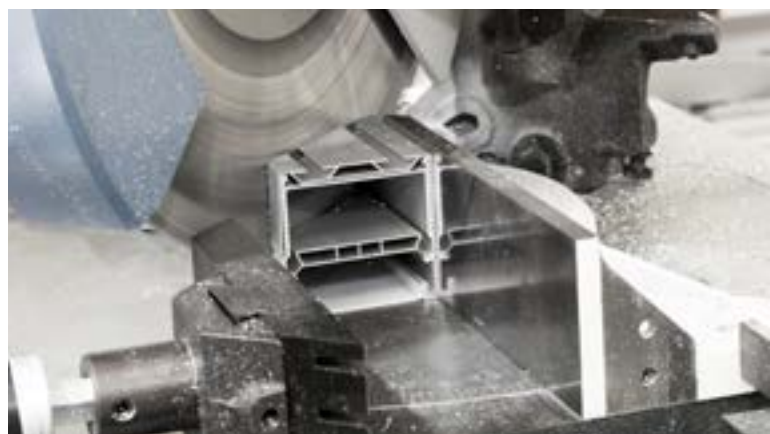
For excellent adhesion of the self-adhesive LED Flex tapes, it is recommended that the profile surfaces be thoroughly cleaned. Professional products for this purpose as well as a selected range of sealing materials and adhesives can be found under accessories.

IMPORTANT NOTE:

Lighting components consisting of LED Flex stripes (including cabling and technology) and aluminium profiles (with covers) can be used and operated in the environment of moisture and water only in sealed form.

Special protection is provided by silicone, which is applied to the joints and seams to seal them.

Pay attention to the protection class of the LED Flex stripe- at least IP65!

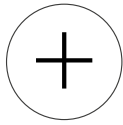


OEM PRODUCTION AND CUSTOMIZED CONFECTIONERY

Starting from the corresponding minimum order quantity, aluminium profiles as well as plastic covers of the standard range are produced with lengths of up to 6 m and in the desired RAL colour (powder coating).

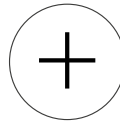
Customer-specific fabrication of aluminium profiles as well as production of lighting components on request.

All ISOLED® aluminium profiles in cross-section



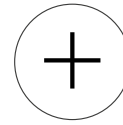
Intelligent product design for
indoor and outdoor

Premium PUR casting for ab-
solute tightness (IP68) - pos-
sible for all profile systems



Guaranteed quality with high-grade
aluminium

Covers made of heavy flammable
polycarbonate



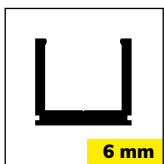
Customized made-to-measure
confectionery

OEM production of individually
designed aluminium profiles

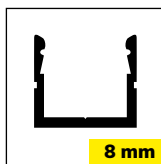
All articles including technical details can be found in the new
ISOLED® 2021 product catalogue



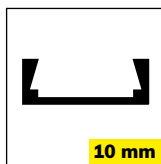
SURFACE MOUNT PROFILES



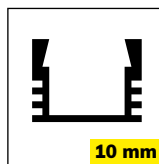
SURF6



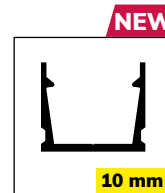
SURF8



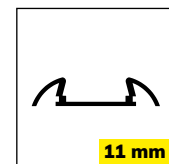
MINI AB-10



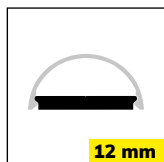
MAXI AB-10



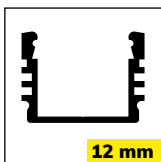
SURF10



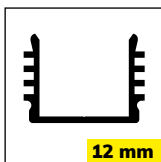
SURF11



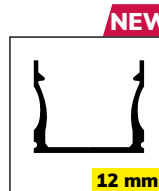
**SURF12
HIDDEN**



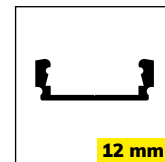
SURF12



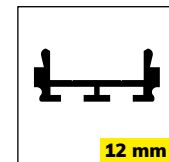
**SURF12
BORDERLESS**



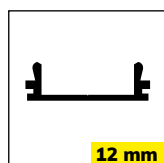
PURE12 S



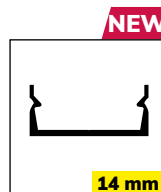
SURF12 FLAT



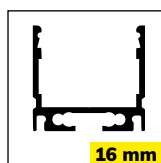
SURF12 RAIL



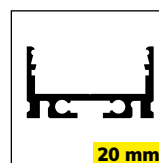
**SURF12 FLAT
BORDERLESS**



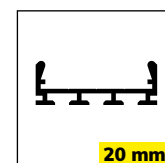
PURE14 S



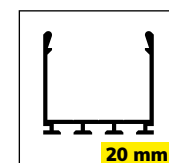
SURF16



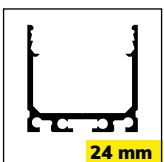
IL-ALU 20



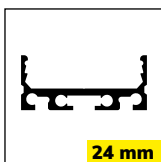
**WING20
SMALL**



WING20

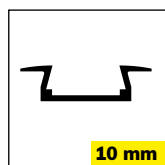


SURF24

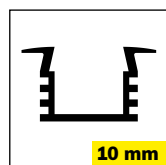


SURF24 FLAT

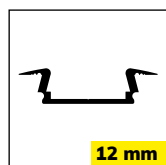
RECESSED PROFILES



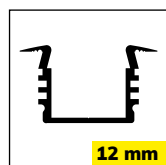
MINI EB-10



MAXI EB-10



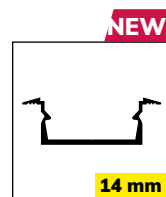
DIVE12 FLAT



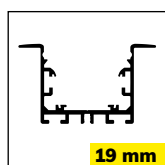
DIVE12



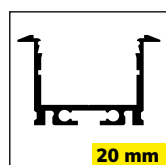
PURE12 D



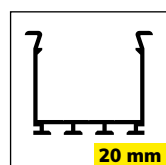
PURE14 D



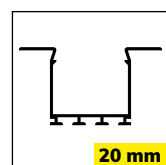
LINE1



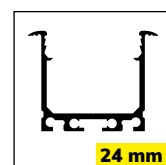
IL-ALU 20



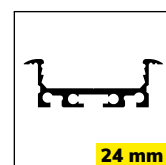
WING20
MINIFLANSCH



WING20
FLANSCH

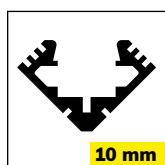


DIVE24

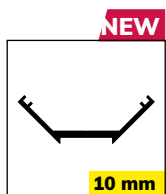


DIVE24 FLAT

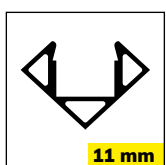
CORNER PROFILES



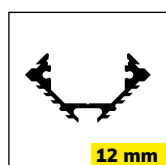
ECK10



CORNER10
SLIM



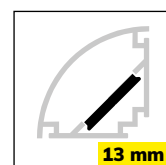
CORNER11



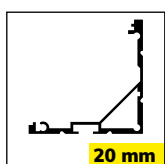
CORNER12



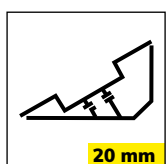
CORNER12
BORDERLESS



CORNER13

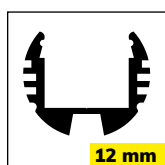


CORNER20

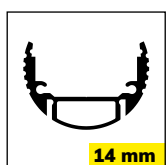


CORNER22

ROUNDPROFILES

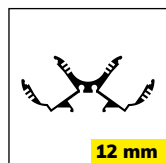


ROUND12

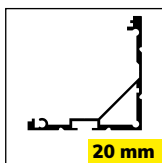


ROUND14

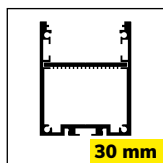
LUMINAIRE PROFILES



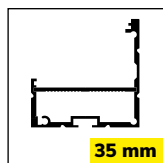
LOOP13



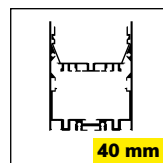
CORNER20



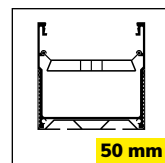
LAMP30



LAMP35 EDGE

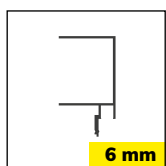


LAMP40

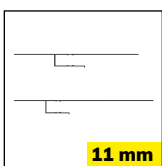


LAMP55

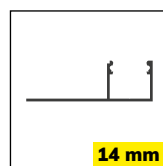
DRYWALL PROFILES



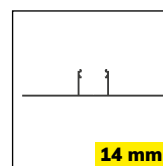
SHADOW
JOINT 8



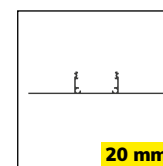
SHADOW
JOINT 40 & 80



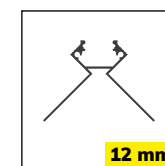
FINISH



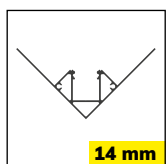
T-PROFIL 14



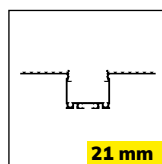
T-PROFIL 20



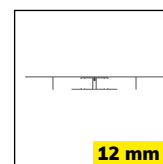
INSIDE
CORNER



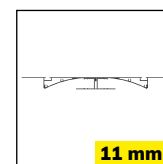
OUTSIDE
CORNER



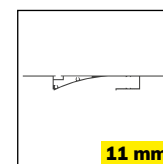
CEILING 21



PLANAR

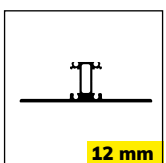


DOUBLE
CURVE

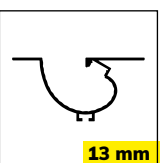


SINGLE
CURVE

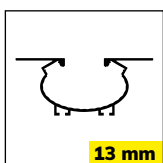
PROFILE FÜR INDIREKTE BELEUCHTUNG



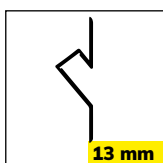
2SIDE



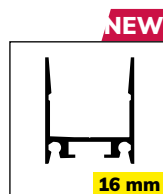
BACKLIGHT1



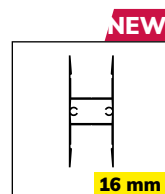
BACKLIGHT2



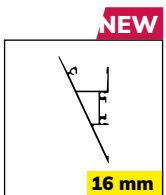
BACKLIGHT3



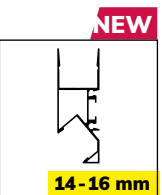
HIDE SINGLE



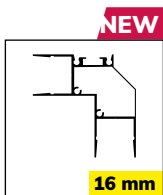
HIDE DOUBLE



HIDE
TRIANGLE



HIDE ASYNC



HIDE ANGLE



HIDE BOTTOM

NEW

NEW

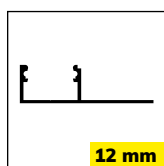
NEW

NEW

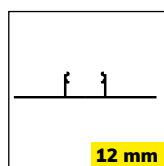
NEW

NEW

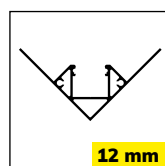
TILE PROFILES



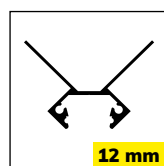
FINISH



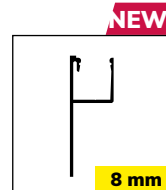
T-PROFIL



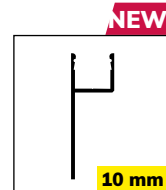
INSIDE
CORNER



OUTSIDE
CORNER

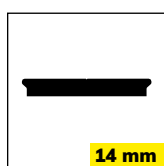


UP8

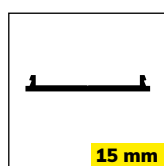


UP10

FLEXIBLE PROFILES

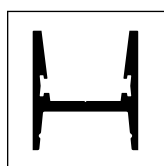


COOLING STRIP



SURF15 FLEX

SPECIAL PROFILES



NEW

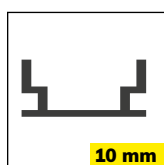
**LED LIGHT STRIPS
OUTDOOR**
PREMIUM PUR FULL POTTING



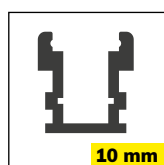
46,5 cm | 96,5 cm
Whitedynamic
IP67 | 24 V



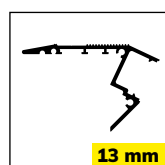
46,5 cm | 96,5 cm
RGB
IP67 | 24 V



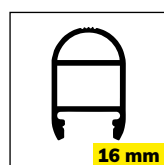
GROUND-
IN10



GROUND-
OUT10



STAIRS1



RAIL1



FURNIT6 S



FURNIT6 D

#1

SUCCESS FACTORS
COMPETENT CUSTOMER SERVICE
PERSONAL SERVICE

We advise you!
We develop and plan with you
together your individual solution.
We realize your project!

PREMIUM PUR FULL POTTING

LED LIGHT STRIPS WITH IP67 PROTECTION

Multilevel

Full potting 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 watertightness by fully encapsulating the 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 case of colouring 3-K-PUR- e.g. opal). The multi-stage application of the heated synthetic resin prevents air bubbles, inclusions and cracks.

Protection for chip and electronics

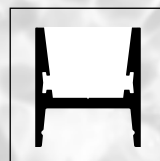
The resin covers the LED Flex stripe, the connection cabling as well as the entire interior of the profile and is flush with the upper edge or the side edges. The linear LED light component is now sealed and absolutely waterproof. Further advantages are the protection of the LED chips and the electronics as well as the reduction of the mechanical voltage of the aluminium profile:



Full potting for all LED profile systems

On request, we can assemble every aluminium profile with LED flex stripe and cabling and fully potted with PREMIUM PUR in a multi-stage process (up to a profile length of max. 5.5 m). Depending on the thickness and colour (transparent or opal satin) of the full potting, different light transmission is achieved.

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NEW

**LED LIGHT STRIPS
OUTDOOR**
PREMIUM PUR FULL POTTING



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
- Walkable and drivable
- NO heat accumulation on the LED strip

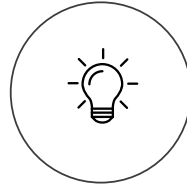
CUSTOMISED LIGHT SOLUTIONS

SUSTAINABLE INCREASE IN EFFICIENCY WITH SMART LED LIGHTING CONCEPTS



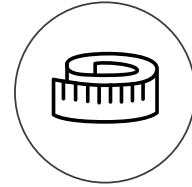
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More than 2,200 products
High-end LED components
High product availability



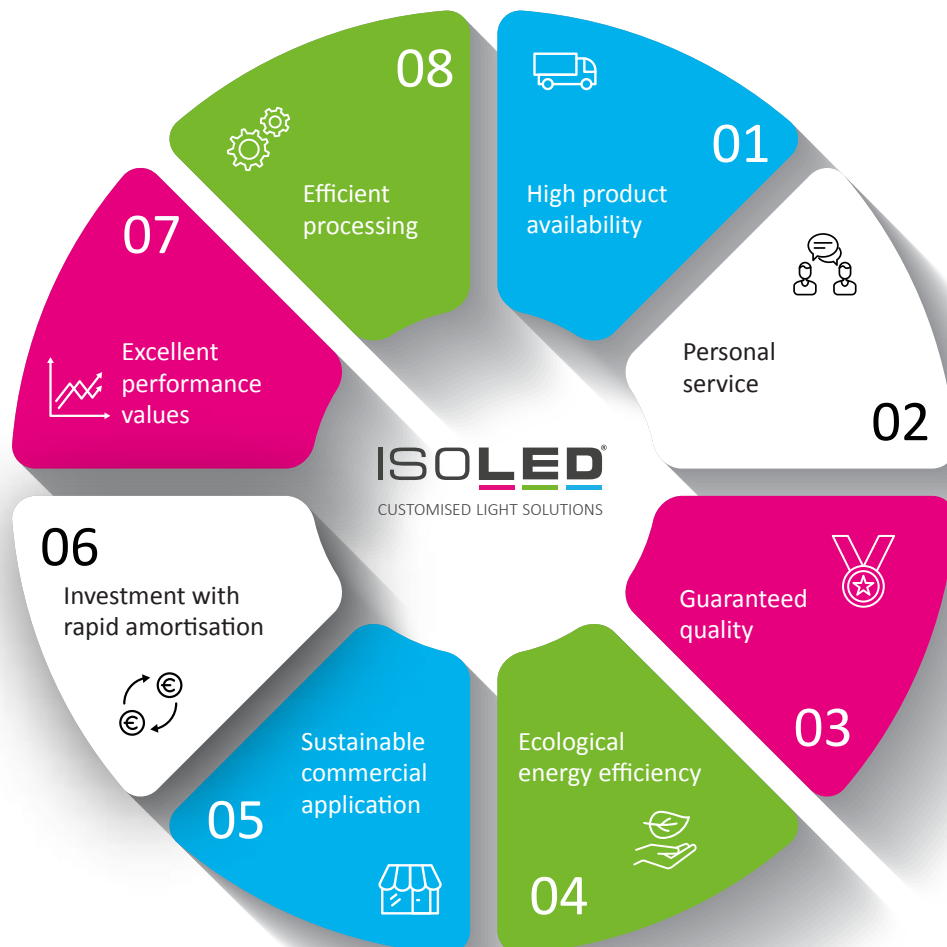
INTELLIGENT PROJECT LIGHTING SOLUTIONS

Scalable LED control technology
Holistic LED lighting systems
Personal project consulting



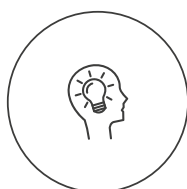
CUSTOMIZED MANUFACTURING

Assembled lighting components
Precise custom production
Delivery ready for installation





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THAN "JUST
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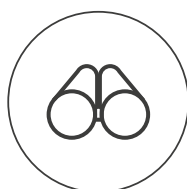


KNOWLEDGE

A HEAD START THROUGH KNOW-HOW

WE SHARE OUR KNOWLEDGE!

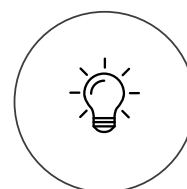
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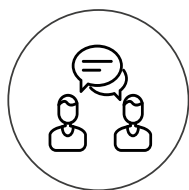
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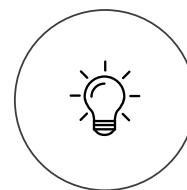
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With the deepened understanding of the economic and ecological energy efficiency of LED lighting solutions and the enthusiasm for this sustainable and environmentally friendly way of lighting, they accompany our customers and partners through every LED project.



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*"Conviction comes from knowledge,
so we share our know-how!"*

ISOLED® Team

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We offer you on- and offsite further education

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- 100 % LED- target-oriented argumentation with facts. This is how you score points with your customers with knowledge!
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