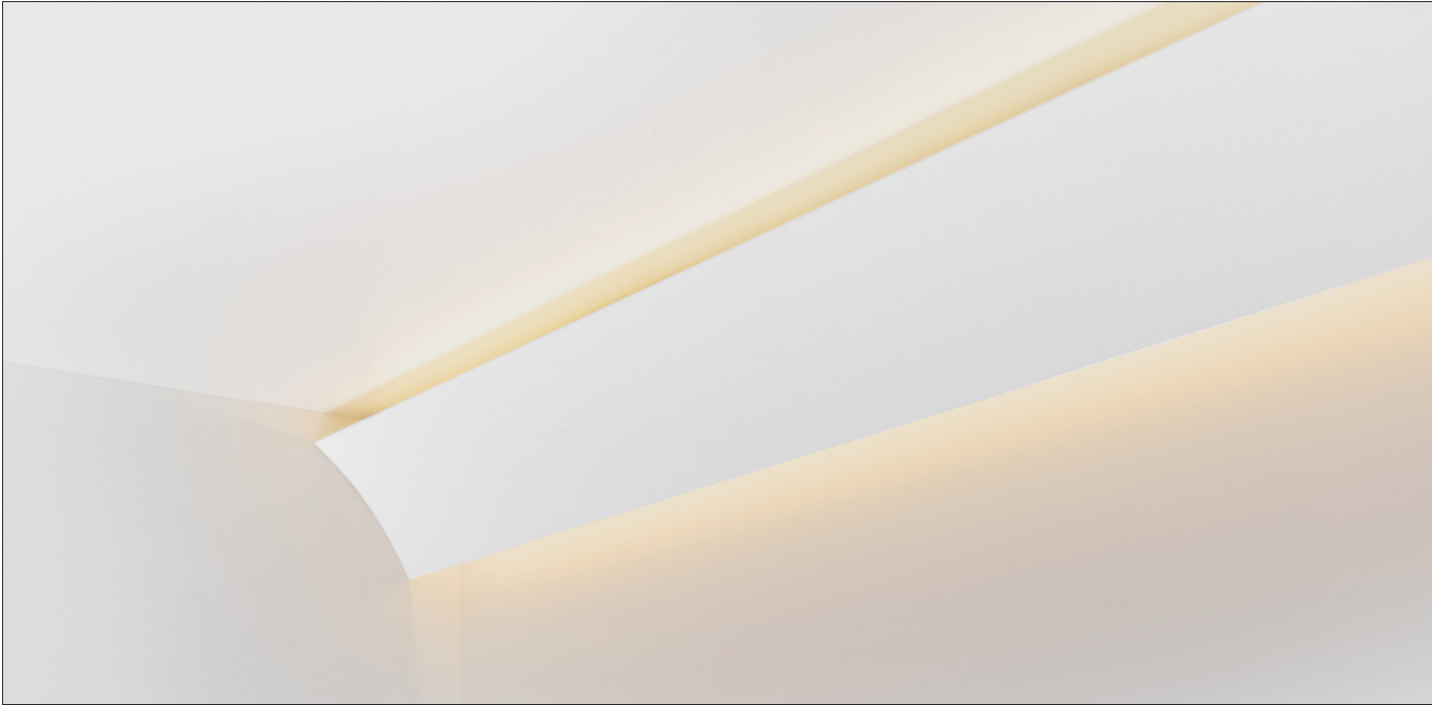




COMO CORNER

INSTALLATION INSTRUCTIONS



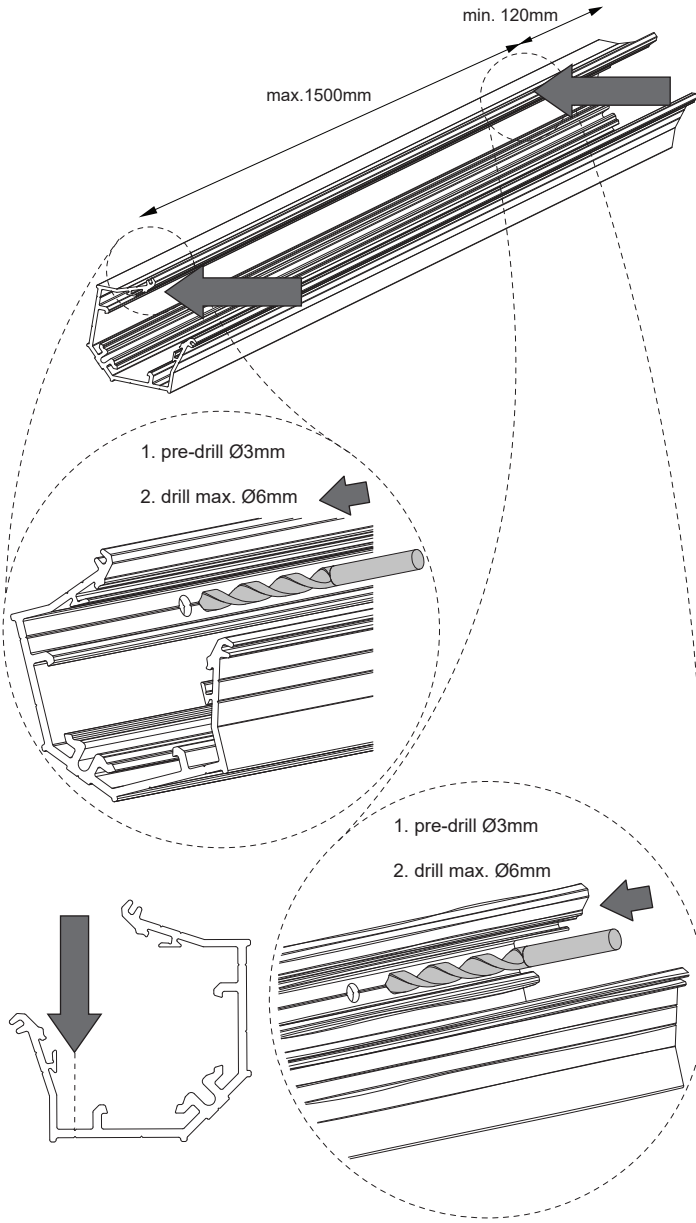
MODULAR
LIGHTING —
INSTRUMENTS



Check Modular Lighting Instruments Youtube-channel
for the detailed mounting instructions of COMO CORNER

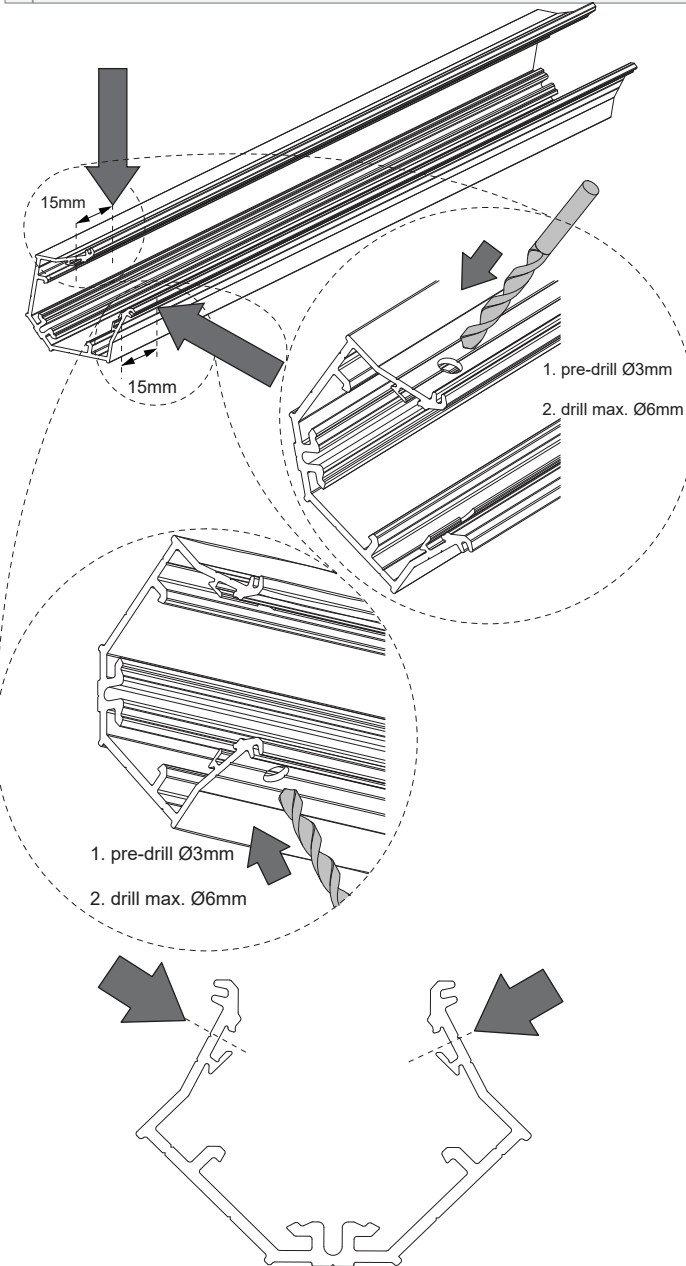
<https://www.youtube.com/watch?v=IBn5-q3iHis>

1 DRILL FIXATION HOLES

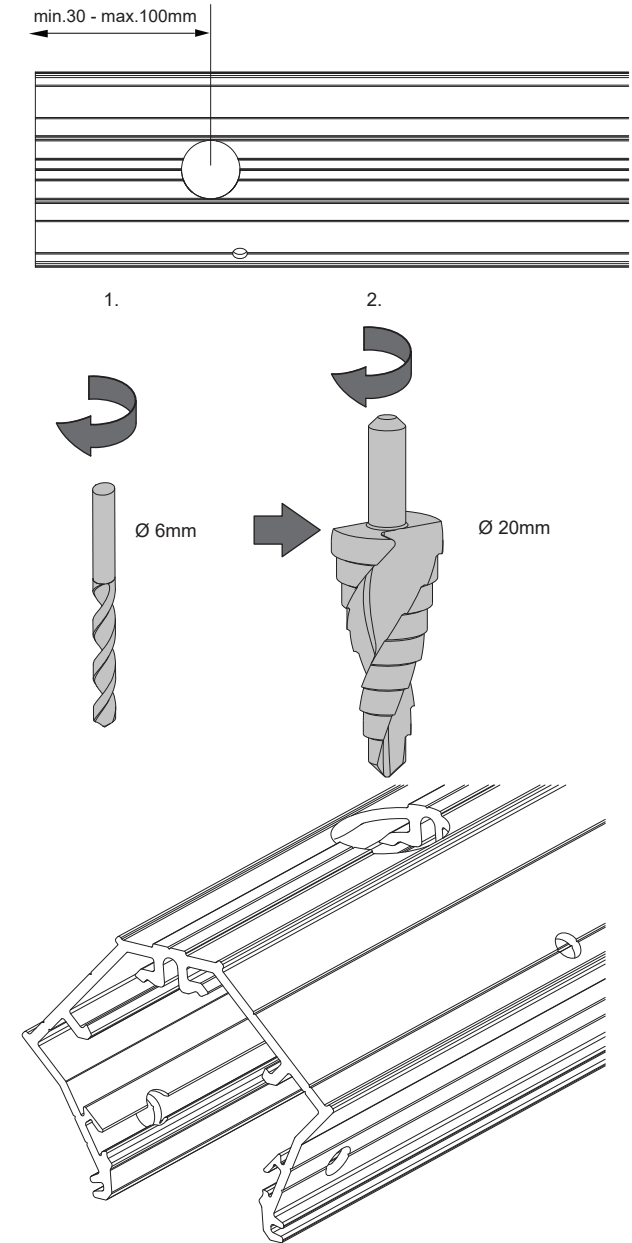


REPEAT IF THERE ARE SEVERAL PROFILE PARTS

2 DRILL LEDSTRIP FIXATION HOLES



3 DRILL POWERFEED HOLE



The diagram illustrates the installation of the LED strip into the luminaire housing. The strip is shown being inserted into the housing, with a callout showing the 'OFF' position of the switch.

Diagram illustrating the correct and incorrect installation methods for the cable management system.

The top part shows the system being attached to a wall. The middle part shows three cross-sections of the wall attachment:

- Two correct methods (screws through the bracket into the wall) are marked with green checkmarks.
- One incorrect method (screws into the bracket itself) is marked with a red X.

The bottom part shows the required screw specifications:

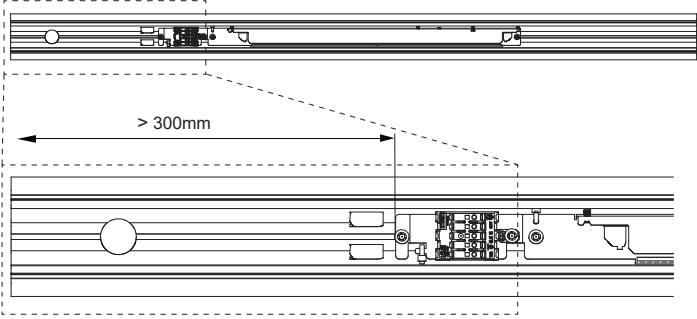
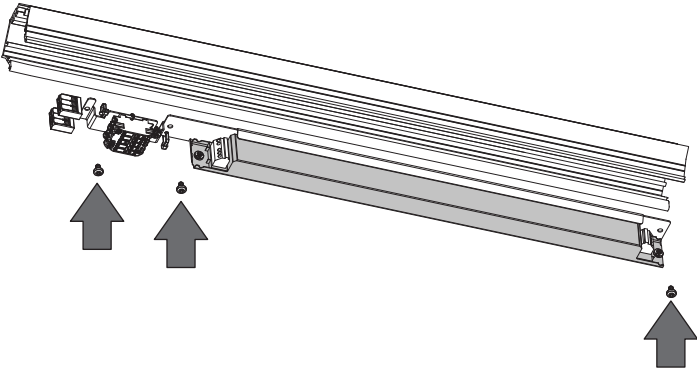
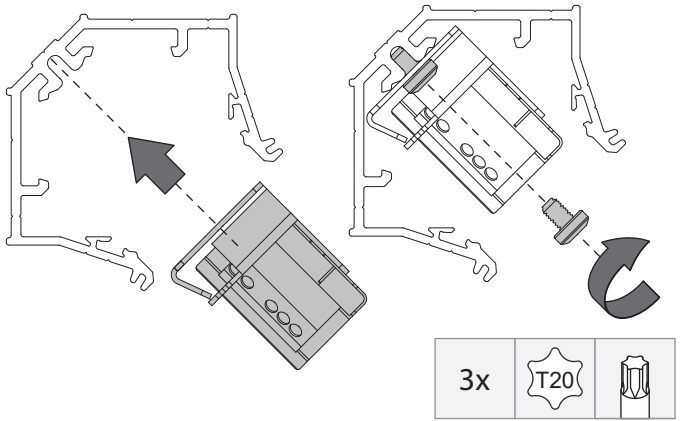
- max Ø4,5 mm diameter
- max Ø8,5 mm length
- FLAT HEAD

A power drill is shown with the instruction: **USE LONG BIT**.

Diagram illustrating the installation of the T20 cable management system:

- The cable is inserted into the channel.
- The cable is secured with screws (4x T20).
- The corner bracket is attached to the wall using screws.
- Arrows indicate the direction of assembly.
- Labels: "repeat step 5", "4x T20", "SCREWS INCLUDED", "degrease surface".

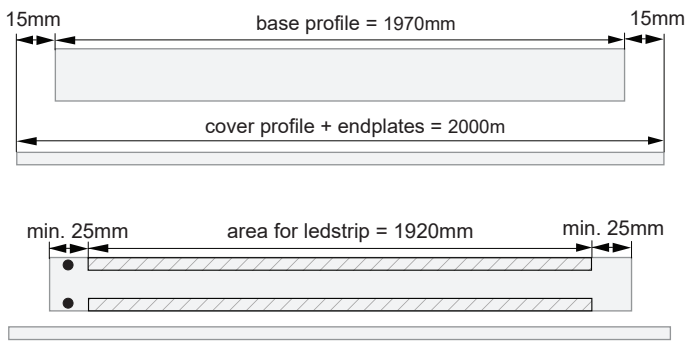
7 FIX DRIVER



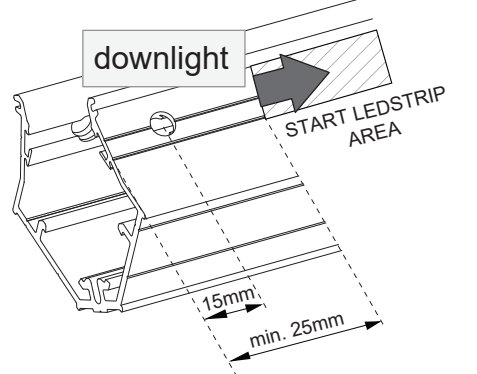
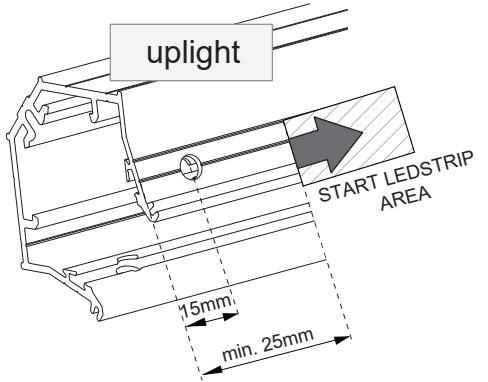
8 PREPARE LEDSTRIP

EXAMPLE : Como lenght = 2m (1 part)

CALCULATE LEDSTRIP CUT LENGHTS

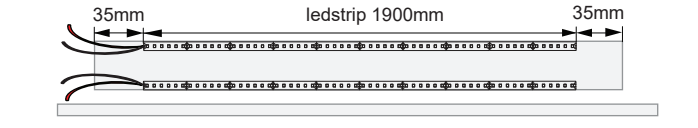
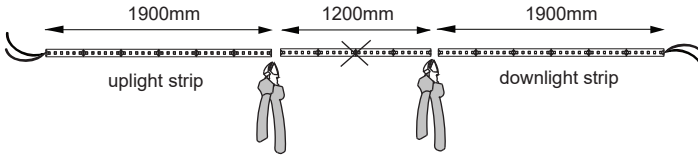
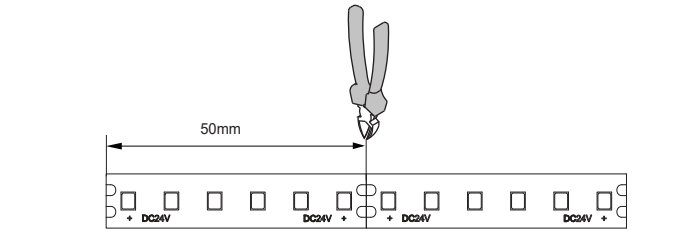
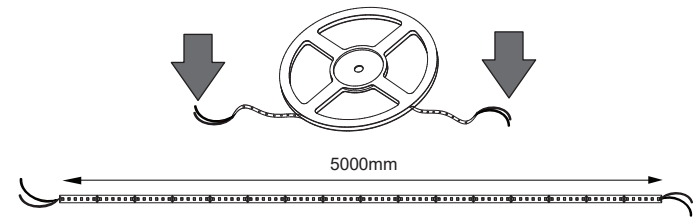


connection
holes



MEASURE AND CUT LEDSTRIPS

1 Modular ledstriproll (= 5m or 3m) always has connection wires on each end of the ledstrip



8PREPARE LEDSTRIP

EXAMPLE : Como lenght = 7m (2 parts)

CALCULATE LEDSTRIP CUT LENGTHS

15mmbase profile = 3685mmbase profile = 3285mm15mm

cover profile + endplate = 3500mmcover profile + endplate = 3500mm

min.25mmarea for ledstrip 6920mmmin.25mm

connection holes

connection holes

uplight

START LEDSTRIP AREA

15mmmin. 25mm

downlight

START LEDSTRIP AREA

15mmmin. 25mm

respect the same distances for the other profile- end

MEASURE AND CUT LEDSTRIPS

1 Modular ledstriproll (= 5m or 3m) always has connection wires on each end of the ledstrip

4 x 5000mm

50mm

4 x 3450mm4 x 1550mm

2 x uplight strip2 x downlight strip

make sure ledstrip-ends don't touch-leave a gap of 1-2mm

35mmledstrip 3450mmledstrip 3450mm35mm

9FIX LEDSTRIPS

fix ledstrip against edge

START

END

fix ledstrip against edge

START

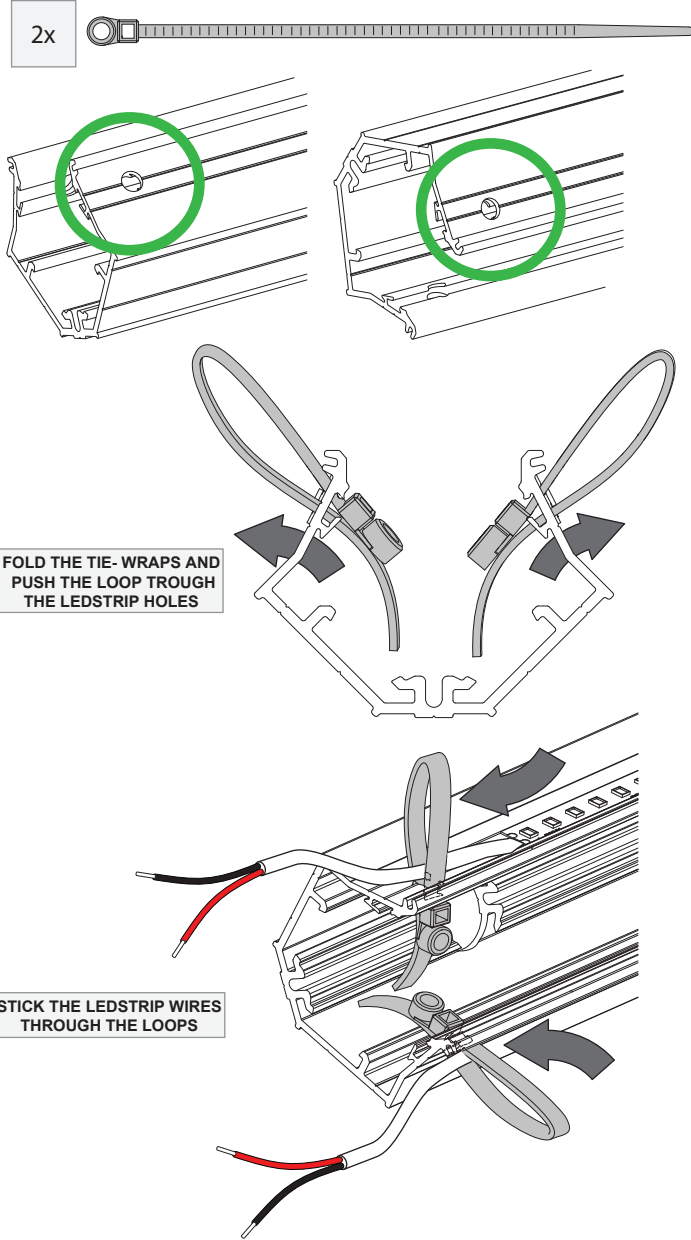
END

01 - 01/01/2021

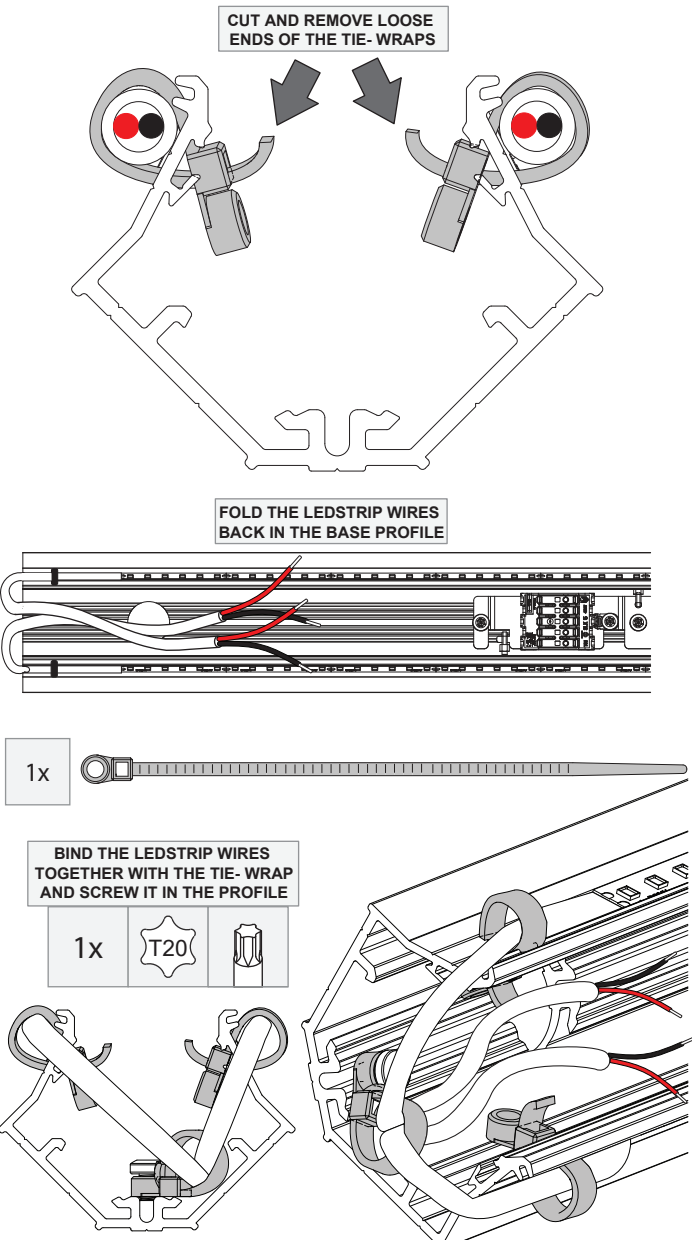
IP 20

CE

10 FIX LEDSTRIP WIRES WITH TIE- WRAPS

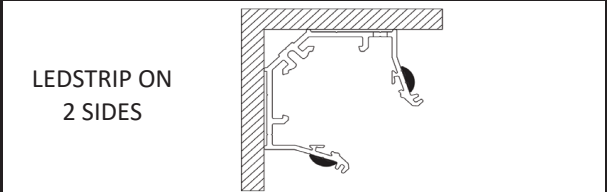


11 BIND LEDSTRIPS WIRES AND FIX IN PROFILE



12 MODULAR DRIVERS + LEDSTRIP INFORMATION

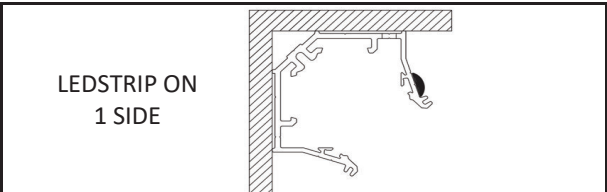
Modular order ref.	Modular ledstrip article	specifications
93000016	LEDstrip IP 5m 2,7K CRI90 1000L/m 24V	5m roll - 14,4W/m - total 72W/ roll
93000017	LEDstrip IP 5m 3K CRI90 1000L/m 24V	5m roll - 14,4W/m - total 72W/ roll
93000018	LEDstrip IP 5m 4K CRI90 1000L/m 24V	5m roll - 14,4W/m - total 72W/ roll
93000032	LEDstrip IP 3m 2,7K CRI90 1000L/m 24V	3m roll - 14,4W/m - total 43,2W/ roll
93000033	LEDstrip IP 3m 3K CRI90 1000L/m 24V	3m roll - 14,4W/m - total 43,2W/ roll
93000034	LEDstrip IP 3m 4K CRI90 1000L/m 24V	3m roll - 14,4W/m - total 43,2W/ roll



Modular order ref.	Modular driver article	max. ledstrip lenght with 1 driver (in mm)
93600501	COMO LEDGEAR 24V ASS 24V 60W	2050mm ON 2 SIDES OF PROFILE
93600502	COMO LEDGEAR 24V ASS 24V 100W	3450mm ON 2 SIDES OF PROFILE
93600507	COMO LEDGEAR 24V ASS 24V 150W NON DIM	5200mm ON 2 SIDES OF PROFILE

93600503	COMO LEDGEAR 24V ASS 24V 60W 1-10V	2050mm ON 2 SIDES OF PROFILE
93600504	COMO LEDGEAR 24V ASS 24V 100W 1-10V	3450mm ON 2 SIDES OF PROFILE
93600508	COMO LEDGEAR 24V ASS 24V 150W 1-10V	5200mm ON 2 SIDES OF PROFILE

93600505	COMO LEDGEAR 24V ASS 24V 70W DALI ==> CASAMBI POSSIBLE	2400mm ON 2 SIDES OF PROFILE
93600506	COMO LEDGEAR 24V ASS 24V 100W DALI ==> CASAMBI POSSIBLE	3450mm ON 2 SIDES OF PROFILE
93600509	COMO LEDGEAR 24V ASS 24V 150W DALI	5200mm ON 2 SIDES OF PROFILE



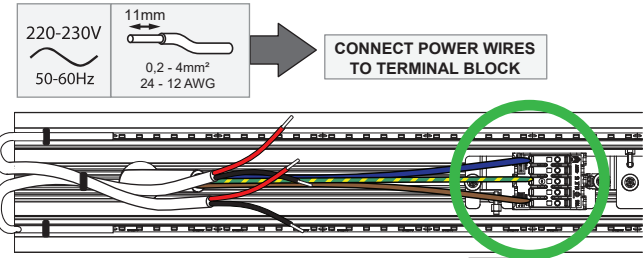
Modular order ref.	Modular driver article	max. ledstrip lenght with 1 driver (in mm)
93600501	COMO LEDGEAR 24V ASS 24V 60W	4100mm ON 1 SIDE OF PROFILE
93600502	COMO LEDGEAR 24V ASS 24V 100W	6900mm ON 1 SIDE OF PROFILE
93600507	COMO LEDGEAR 24V ASS 24V 150W NON DIM	10400mm ON 1 SIDE OF PROFILE

93600503	COMO LEDGEAR 24V ASS 24V 60W 1-10V	4100mm ON 1 SIDE OF PROFILE
93600504	COMO LEDGEAR 24V ASS 24V 100W 1-10V	6900mm ON 1 SIDE OF PROFILE
93600508	COMO LEDGEAR 24V ASS 24V 150W 1-10V	10400mm ON 1 SIDE OF PROFILE

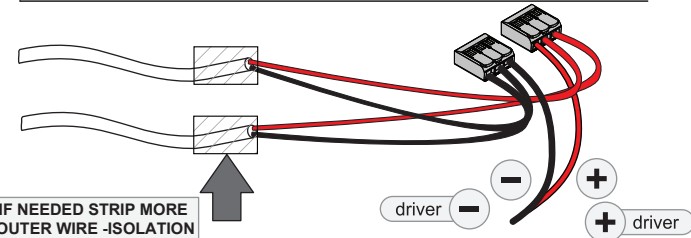
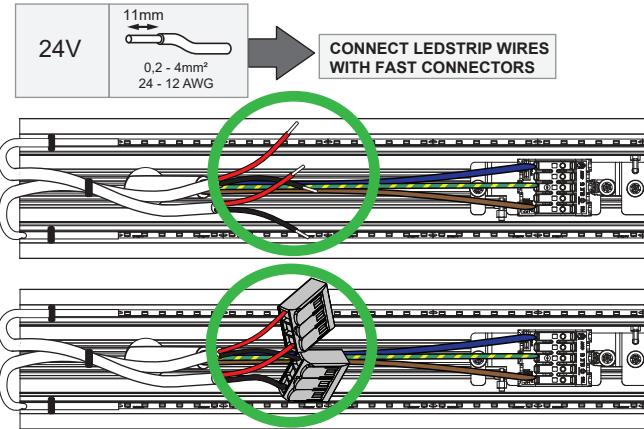
93600505	COMO LEDGEAR 24V ASS 24V 70W DALI ==> CASAMBI POSSIBLE	4800mm ON 1 SIDE OF PROFILE
93600506	COMO LEDGEAR 24V ASS 24V 100W DALI ==> CASAMBI POSSIBLE	6900mm ON 1 SIDE OF PROFILE
93600509	COMO LEDGEAR 24V ASS 24V 150W DALI	10400mm ON 1 SIDE OF PROFILE

WHEN MORE THEN 1 DIMMABLE DRIVER IS NEEDED IN 1 COMO LENGHT, ONLY USE A DRIVER WITH THE SAME WATTAGE

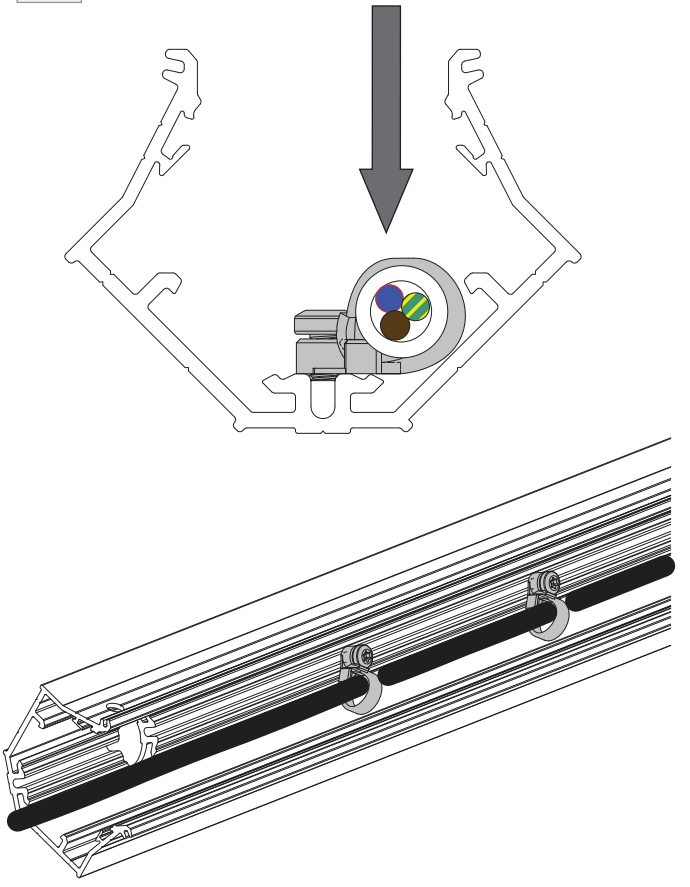
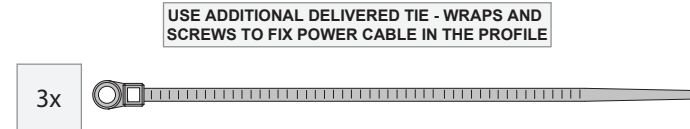
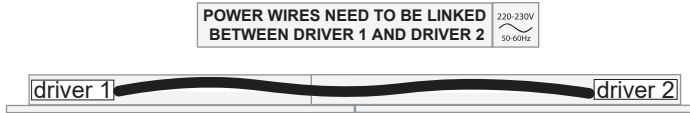
13 CONNECT WIRES



NON DIM	1-10V	DALI
Da / Ls Da / N N L	-1-10V +1-10V N L	Da / Ls Da / N N L
BLUE	WHITE	WHITE
Y/G	GREY	GREY
BROWN	BLUE	BLUE
	BROWN	BROWN



ADDITIONAL MOUNTING INFORMATION WHEN USING MORE THEN 1 DRIVER



ADDITIONAL MOUNTING INFORMATION WHEN USING CASAMBI MODULE

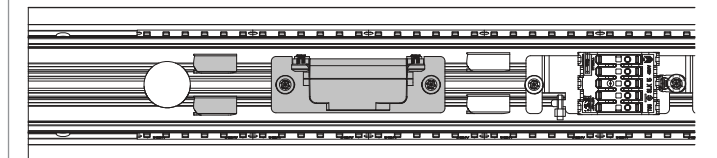
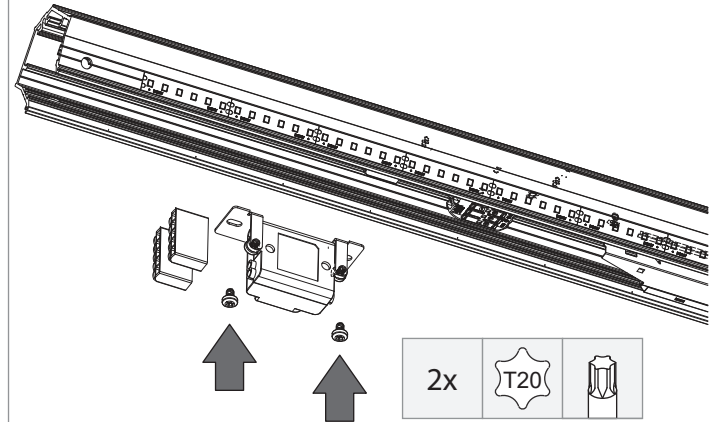
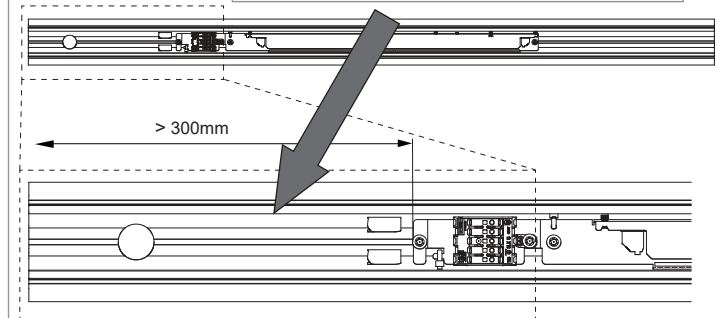


93600512 Como Corner Casambi dim module dali
Only to be used with :

93600505 ComoCorner gear f LEDSTR 24V 70W DALI
93600506 ComoCorner gear f LEDSTR 24V 100W DALI

Check page 9 of this manual for detailed information !

use free space in front of driver to place the casambi module



13 GLUE WHITE SEALS + FIX ENDPLATES

2x

remove yellow protection foil

position foam white seal

hold and press

slide endplate over cover
repeat for other endplate

2x T20

14 FIX COVER GROUNDINGS + FALL PROTECTIONS

click

slide in 2 fall-protectionplates + steelcable per cover and fix them

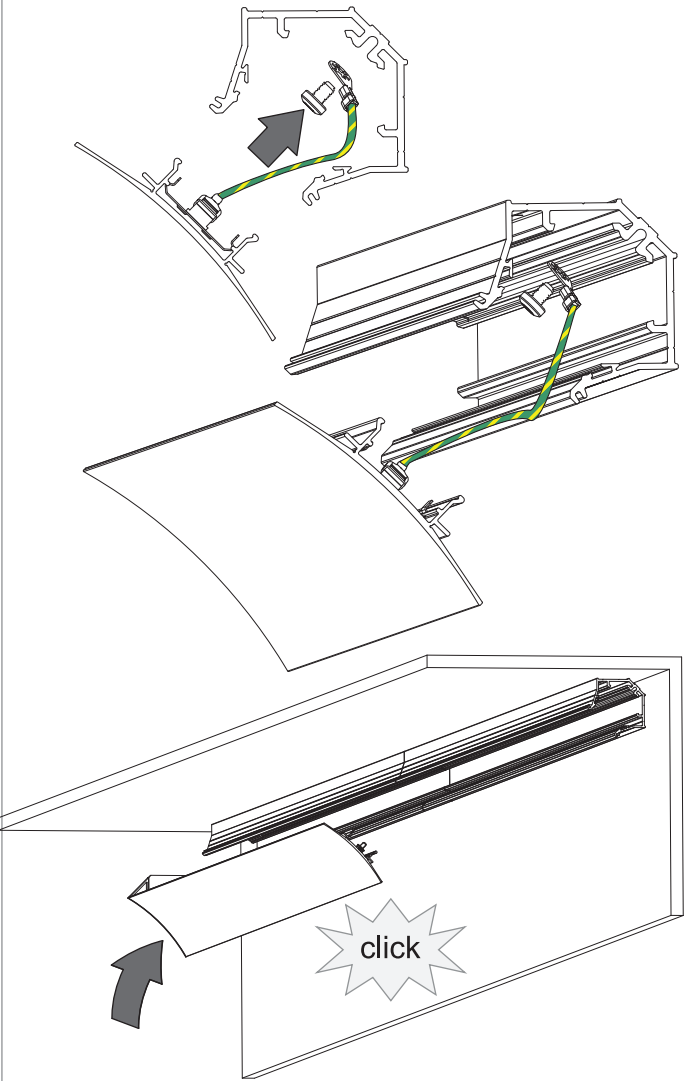
2x T20

15 CONNECT GROUNDWIRES

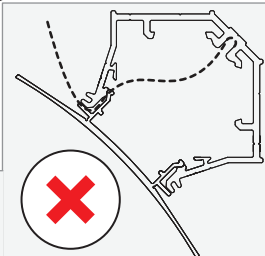
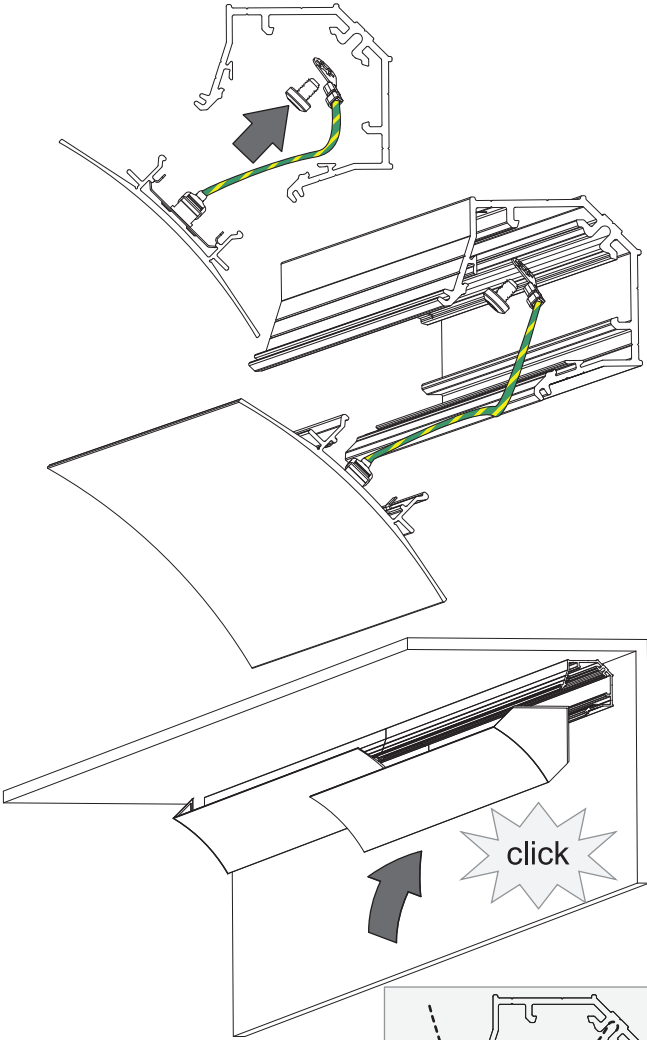
repeat if there is a second cover

repeat if there is a second cover

16 FIX FIRST GROUNDWIRE TO BASE + CLIPS THE COVER

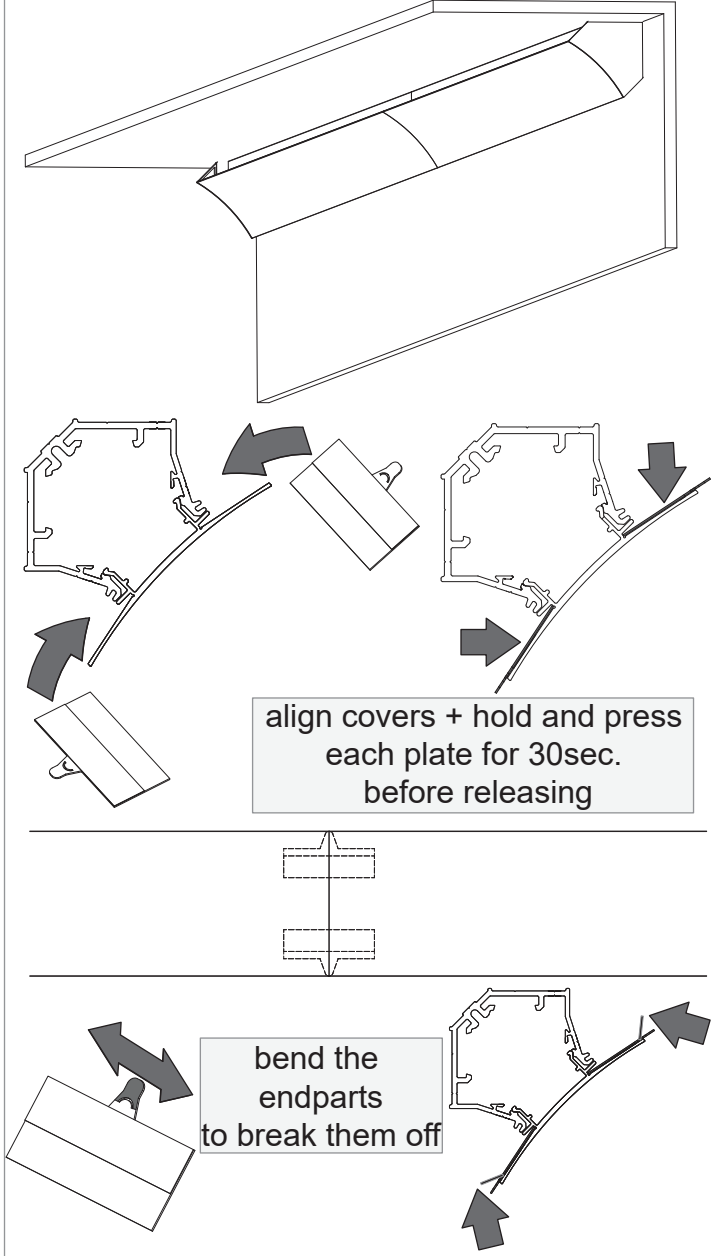


17 FIX SECOND GROUNDWIRE TO BASE + CLIPS THE COVER



 make sure groundcables or fall-protection cables are not jammed between cover and base !

18 PLACE 2 LIGHTBLOCKING PLATES

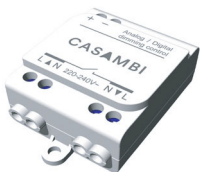


COMO Corner manual - page 9

93600512 Como Corner Casambi dim module dali

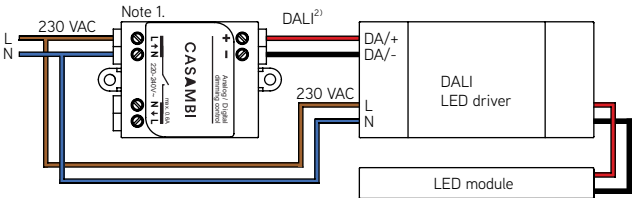
CBU-ASD

Bluetooth control unit for LED drivers



Warning!
Hazardous voltages. Risk of electric shock or fire. Only qualified professionals should make the connections. Disconnect the mains power supply and verify its absence prior to installation.

Wiring diagram, directly powered DALI
Suitable for drivers that can be switched off via control interface



Description

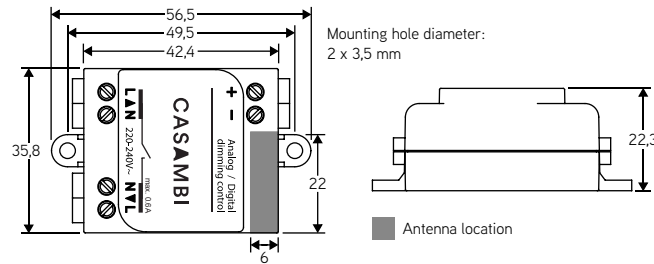
CBU-ASD (13470102) is a wireless control unit for LED and halogen drivers with DALI dimming interface.
With Standalone DALI output, CBU-ASD acts both as a controller and as a power supply making it possible to connect directly to an LED driver with DALI interface without the need for an external DALI power supply. This so called Standalone DALI makes it possible to implement multi-channel lighting systems with adjustable color (RGB and RGBW) or color temperature (CCT), while keeping the wiring and number of components at their minimum.
CBU-ASD does not comply with IEC 60929 and therefore is not designed to be connected to an existing DALI network. The module can be used only in a closed system, i.e. as a part of a lighting system which is not connected to an external DALI network.

CBU-ASD is controlled wirelessly with Casambi smartphone and tablet applications using Bluetooth 4.0 protocol. The Casambi app can be downloaded free of charge from Apple App Store and Google Play Store.
Devices form automatically a secure wireless mesh network so that a large number of fixtures can be controlled from any point. No external gateway module is needed. CBU-ASD can be controlled also from a standard on/off wall switches.

Installation

Make sure that the mains voltage is switched off when making any connections. Use 0,75-1,5 mm² solid or stranded conductor electrical wires. Strip the wire 6-7 mm from the end.
Insert the wires to the corresponding holes and tighten the connector screw. Make sure to connect the input and outputs correctly. Mains input connector is marked with letters L and N with an arrow pointing inwards, while the mains output connector is marked with letters L and N with an arrow pointing outwards. The low voltage output is marked with + and - symbols.
If you install CBU-ASD into a heat sensitive environment (i.e. inside a luminaire or in a ceiling outlet box above a luminaire), make sure that the ambient temperature does not exceed the specified maximum value.

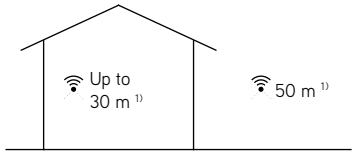
Dimensions



Note 1. CBU-ASD is a built-in class II device. Use double insulated wires or an external mounting box if the device is not mounted inside another insulated device.

Note 2. CBU-ASD and its DALI interface do not meet the requirements of IEC 60929. Connect only directly to a DALI controllable LED driver. Not to be connected to an existing DALI network. Connect only one LED driver (DALI driver) to one CBU-ASD.

Range



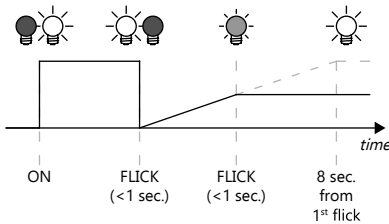
¹⁾ Range is highly dependent on the surrounding and obstacles, such as walls and building materials.



Compatible devices:
iPhone 4S or later
iPad 3 or later
iPod Touch 5th gen or later
Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

Dimming without app

1. Turn lights on from a wall switch.
2. Quickly flick the wall switch off (max. 1 sec.) and back on. The light level starts to increase gradually.
3. Flick the switch again at desired dim level. The selected level is saved automatically.
4. If the second flick is not done within 8 sec. the light intensity reaches its maximum level.
5. Flicking the switch can also be used to switch between predefined scenes.

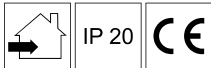


Technical data

Input	
Voltage range:	220-240 VAC
Frequency:	50 Hz
Max. mains current:	0,6 A
Mains Output	
Output relay:	SSR on phase line
Voltage range:	220-240 VAC
Frequency:	50 Hz
DALI Output	
Voltage range:	9-12 VDC
Maximum number of drivers connected:	1 pc
Radio transceiver	
Operating frequencies:	2,4...2,483 Ghz
Maximum output power:	+4 dBm
Operating conditions	
Ambient temperature, ta:	-20...+50°C (Iout 0 A) -20...+40°C (Iout 0,6 A)
Max. case temperature, tc:	+70 °C
Storage temperature:	-25...+75 °C
Max. relative humidity:	0...80%, non-cond.
Connectors	
Wire range, solid & stranded:	0,75-1,5 mm² 14-22 AWG
Wire strip length:	6-7 mm
Tightening torque:	0,4 Nm/4 Kgf.cm/2,6 Lb-In
Mechanical data	
Dimensions:	56,5 x 35,8 x 22,3 mm
Weight:	48 g
Degree of protection:	IP20 (indoor use only)
Protection class:	Built-in Class II

Disposal Instructions

In line with EU Directive 2002/96/EC for waste electrical and electronic equipment (WEEE), this electrical product must not be disposed of as unsorted municipal waste.
Please dispose of this product by returning it to the point of sale or to your local municipal collection point for recycling.



12 PAINT INSTRUCTIONS

COMO covers and endplates can be painted by the client in the colour of their choosing.
It is simply a question of making the right preparations and using a primer which is compatible with the type of surface, in this case pre-treated aluminium.

The power-coated aluminium must first be sanded down with a fine abrasive material (e.g. Scotch Brite scrubber) and degreased with a powerful detergent.
It must then be thoroughly rinsed with water to remove any residual degreaser. A so-called adhesive primer is then applied with a brush or roller.
This type of paint provides excellent traction / adhesion to non-porous materials, such as non-ferro metals, as well as powder-coated surfaces.

No colour pigments should be added to the primer because this may adversely affect the quality of the adhesion.
Neither is it necessary to paint with this primer for hiding power.
Both water-based and solvent-based primers can be used, the latter on a 'acrylate in solution' basis.
The adhesive primer must be applied in the right conditions and left to dry according to the instructions of the paint manufacturer.
All sorts of conventional paints can be used as a finish for this primer (both water-based and solvent-based).
As for primers on a 'acrylate in solution' basis, make sure not to use any paints that contain a similar solvent as the adhesive primer.
The impact of UV on paints indoors is negligible. Only the colour may change slightly over time in specific circumstances.
This has to do with the specific pigmentation of the colour in question.
For example, colours that contain a weak red pigment may discolour relatively quickly, more specifically the red shade in the colour composition.