1 | DRILL FIXATION HOLES

min. 120mm

max.1500mm

1. pre-drill Ø3mm

2. drill max. Ø6mm

1. pre-drill Ø3mm

2. drill max. Ø6mm

REPEAT IF THERE ARE SEVERAL PROFILE PARTS

2 | DRILL LEDSTRIP FIXATION HOLES

15mm

15mm

1. pre-drill Ø3mm

2. drill max. Ø6mm

1. pre-drill Ø3mm

2. drill max. Ø6mm

3 | DRILL POWERFEED HOLE

min.30 - max.100mm

. 1

. 2

Ø 6mm

Ø 20mm

IP 20
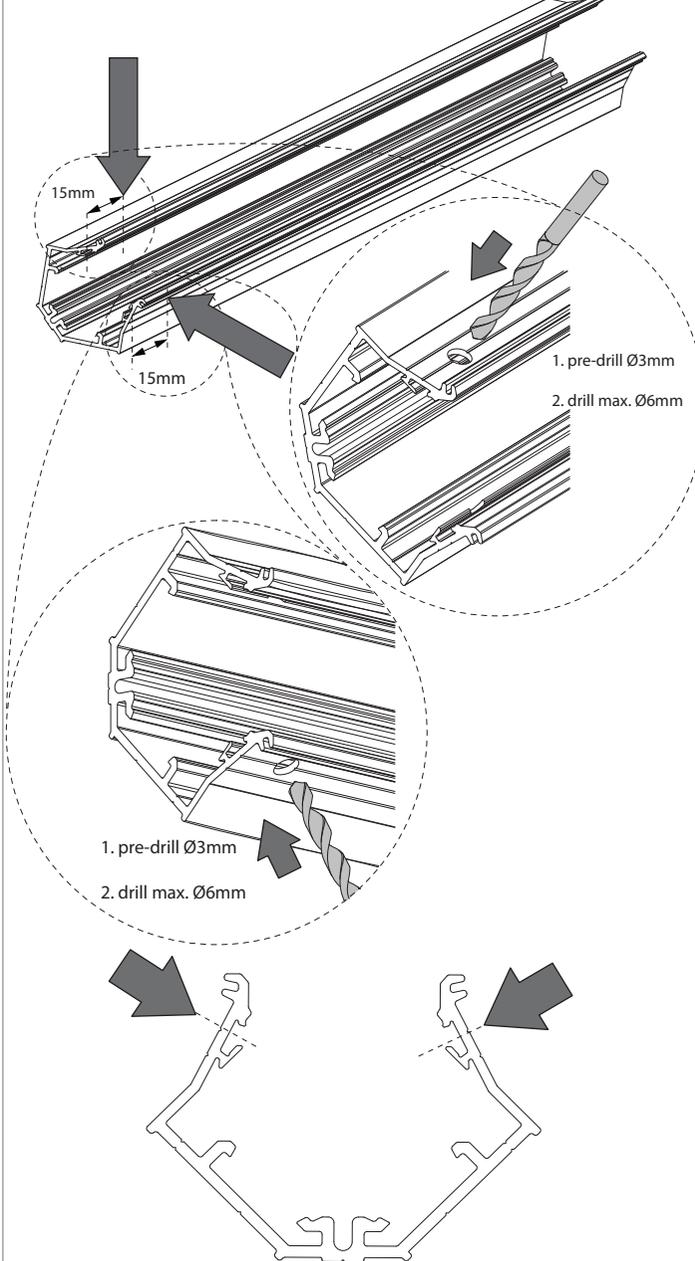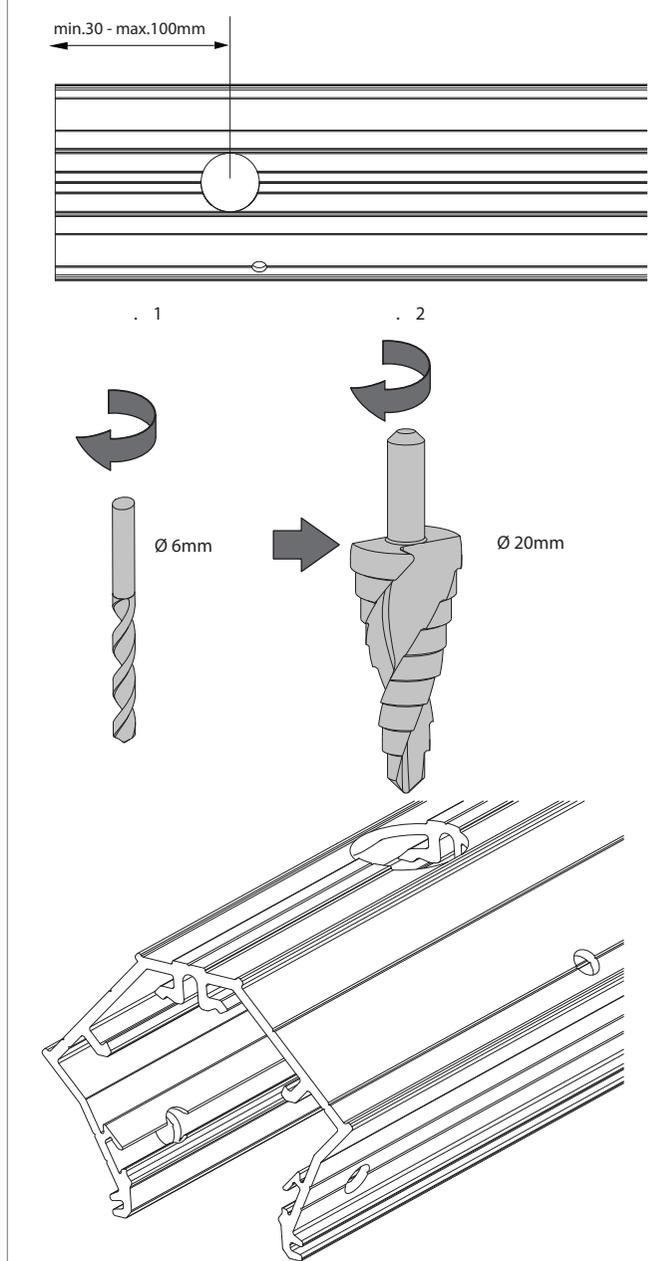
4 | PREPARE 180° CONNECTION

1x | T20

OFF

5 | MOUNT PROFILE

OR

✔ ✔

✘

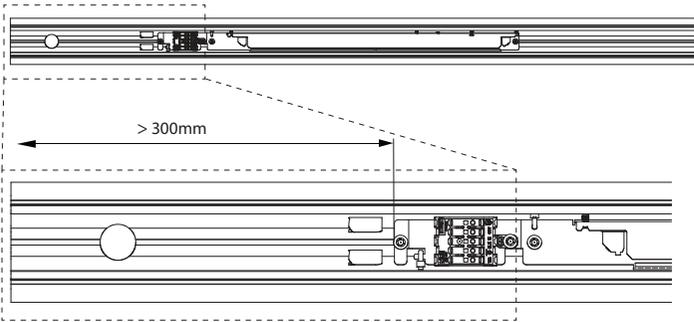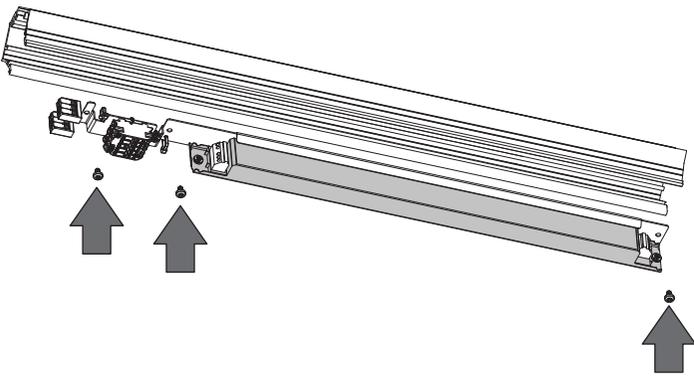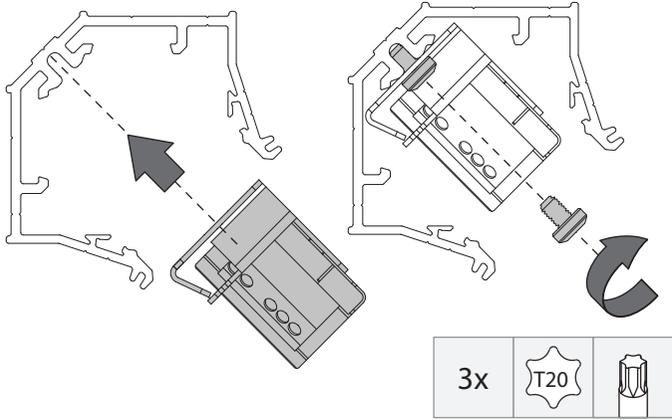| SCREWS NOT INCLUDED	
max Ø4,5 mm max Ø8,5 mm FLAT HEAD	USE LONG BIT

6 | MOUNT FOLLOWING PROFILES

repeat step **5**

4x | T20

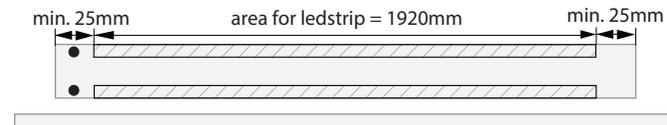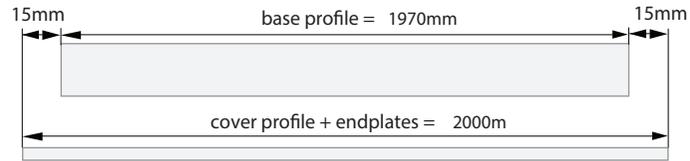SCREWS INCLUDED

degrease surface

degrease surface

IP 20   UK CA   CE

7 FIX DRIVER

3x | T20 |

8 PREPARE LEDSTRIP

EXAMPLE : Como lenght = 2m (1 part)

CALCULATE LEDSTRIP CUT LENGHTS

15mm — base profile = 1970mm — 15mm

cover profile + endplates = 2000m

min. 25mm — area for ledstrip = 1920mm — min. 25mm

connection holes

uplight

START LEDSTRIP AREA

15mm

min. 25mm

downlight

START LEDSTRIP AREA

15mm

min. 25mm

MEASURE AND CUT LEDSTRIPS

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

5000mm

50mm

+ DC24V | DC24V + | + DC24V | DC24V +

1900mm | 1200mm | 1900mm

uplight strip | downlight strip

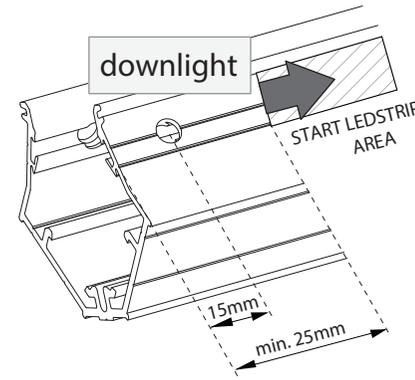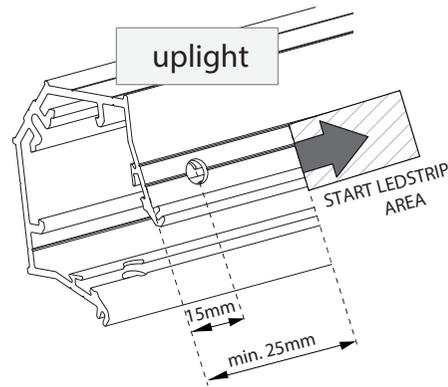35mm — ledstrip 1900mm — 35mm

IP 20 | UKCA | CE

8 PREPARE LEDSTRIP

EXAMPLE : Como lenght = 7m   (2 parts)

CALCULATE LEDSTRIP CUT LENGHTS

15mm   base profile = 3685mm   base profile = 3285mm   15mm

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

min.25 mm   area for ledstrip 6920   mm   min.25 mm

connection holes

connection holes

uplight

START LEDSTRIP AREA

15mm

min. 25mm

respect the same distances for the other profile- end

downlight

START LEDSTRIP AREA

15mm

min. 25mm

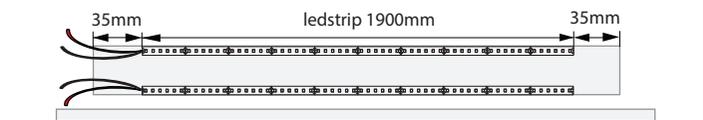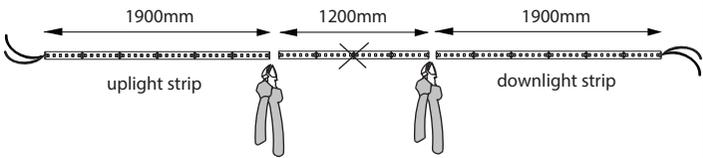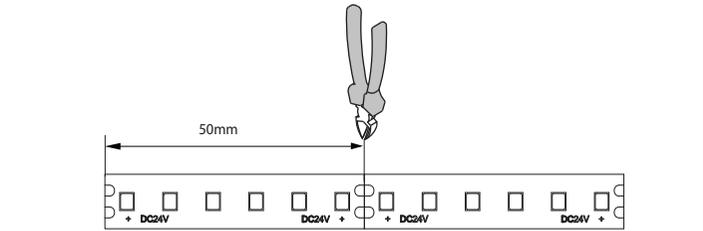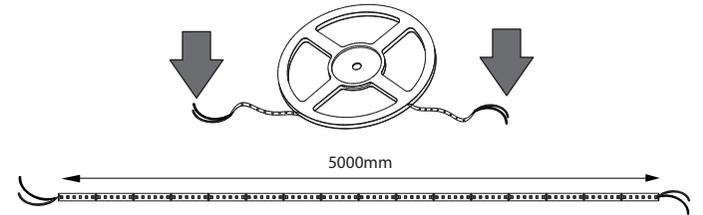**MEASURE AND CUT LEDSTRIPS**

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

4 x 5000mm

50mm

+ DC24V +   DC24V +   + DC24V +   DC24V +

4 x 3450mm   4 x 1550mm

2 x uplight strip

2 x downlight strip

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

35mm   ledstrip 3450 mm   ledstrip 3450 mm   35mm

9 FIX LEDSTRIPS

START

END

fix ledstrip against edge

START

END

fix ledstrip against edge

IP 20   UKCA   CE

10 FIX LEDSTRIP WIRES WITH TIE- WRAPS

2x

FOLD THE TIE- WRAPS AND PUSH THE LOOP TROUGH THE LEDSTRIP HOLES

STICK THE LEDSTRIP WIRES THROUGH THE LOOPS
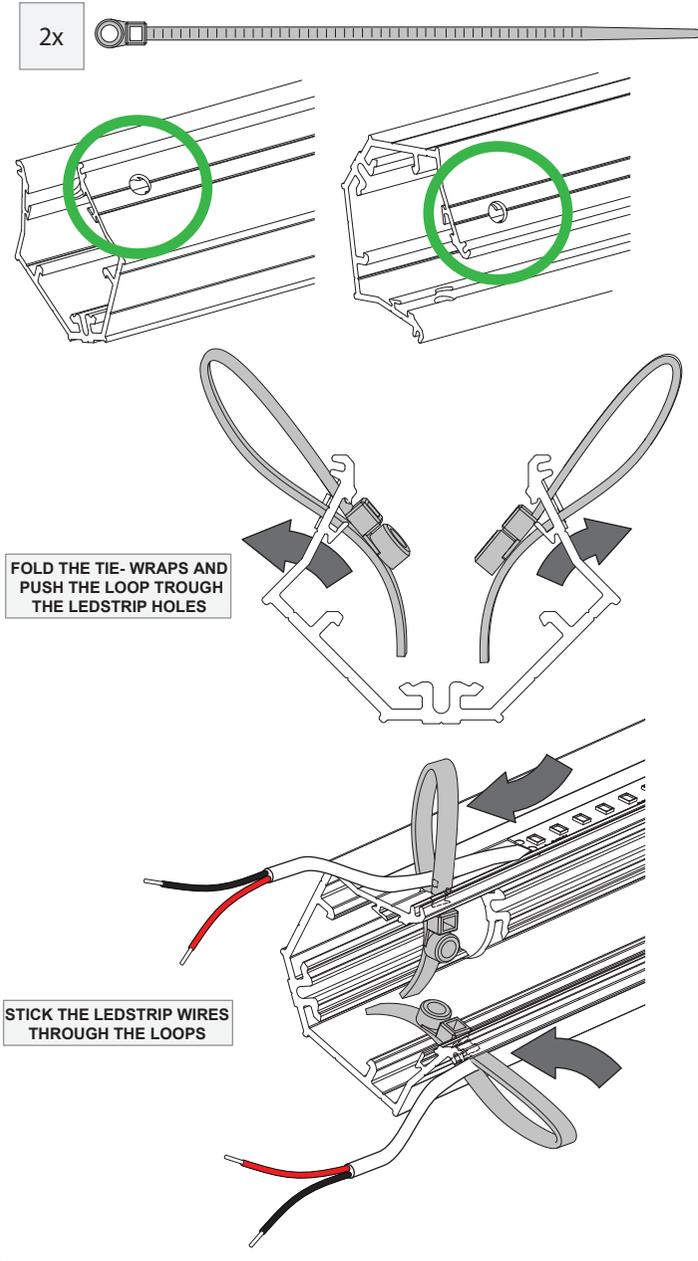
11 BIND LEDSTRIPS WIRES AND FIX IN PROFILE

CUT AND REMOVE LOOSE ENDS OF THE TIE- WRAPS

FOLD THE LEDSTRIP WIRES BACK IN THE BASE PROFILE

1x

BIND THE LEDSTRIP WIRES TOGETHER WITH THE TIE- WRAP AND SCREW IT IN THE PROFILE

1x | T20
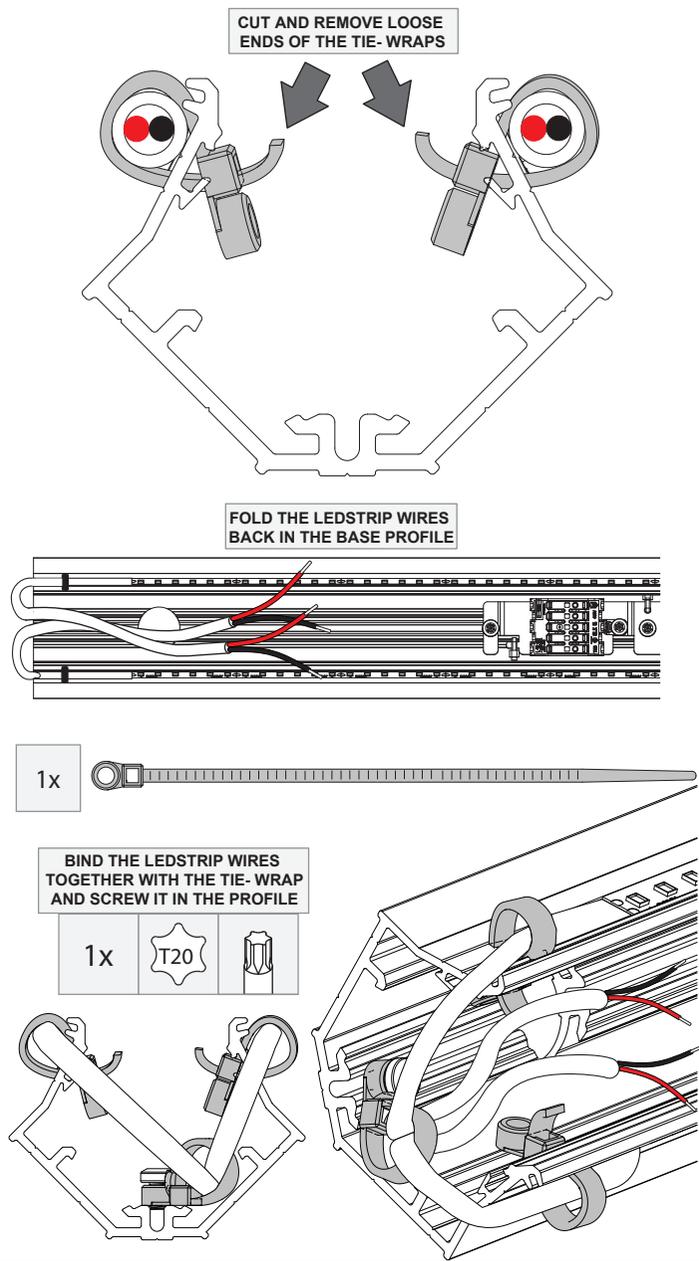
12 MODULAR DRIVERS + LEDSTRIP INFORMATION

Modular order ref.	Modular ledstrip article	specifications
93000016/26	LEDstrip IP 5m 2.7K CRI90 1000-2000L/m 24V	5m roll - 14,4W/m - total 72W/ roll
93000017/27		5m roll - 14,4W/m - total 72W/ roll
93000018/28		5m roll - 14,4W/m - total 72W/ roll
93000032/35		3m roll - 14,4W/m - total 43,2W/ roll
93000033/36		3m roll - 14,4W/m - total 43,2W/ roll
93000034/37		3m roll - 14,4W/m - total 43,2W/ roll
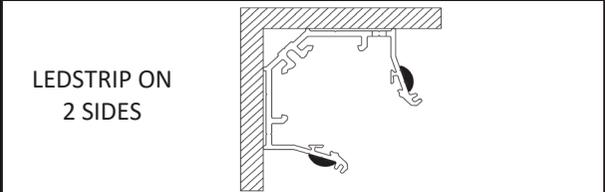
LEDSTRIP ON 2 SIDES

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
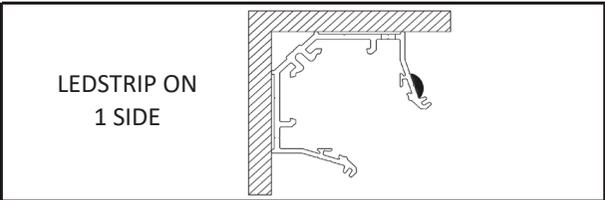
LEDSTRIP ON 1 SIDE

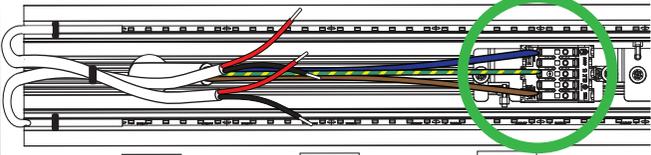| Modular order ref.	Modular driver article	max. ledstrip lenght with 1 driver (in mm)
93600501	COMO LEDGEAR 24V ASS 24V 60W	4100mm ON 1 SIDE OF PROFILE
93600502	COMO LEDGEAR 24V ASS 24V 100W	6900mm ON 1 SIDE OF PROFILE
93600507	COMO LEDGEAR 24V ASS 24V 150W NON DIM	10400mm ON 1 SIDE OF PROFILE
93600503	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

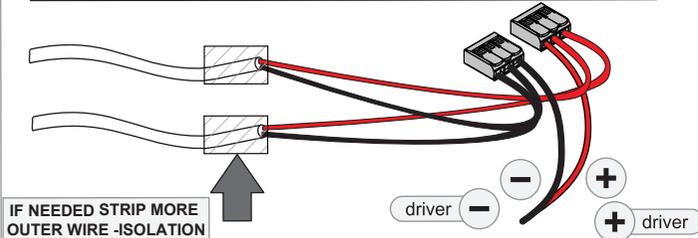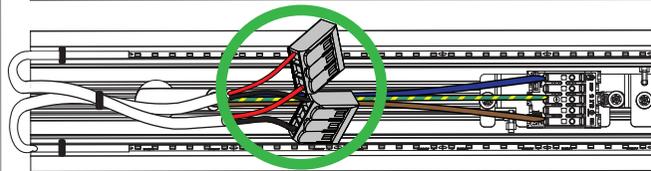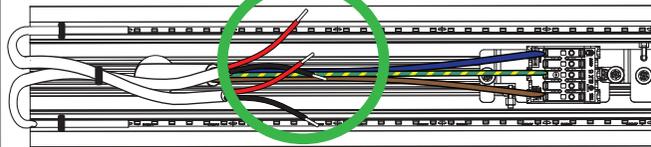⚠ **WHEN MORE THEN 1 DIMMABLE DRIVER IS NEEDED IN 1 COMO LENGHT, ONLY USE A DRIVER WITH THE SAME WATTAGE**

IP 20 | UK CA | CE

13 CONNECT WIRES

220-230V	11mm
50-60Hz	0,2 - 4mm² 24 - 12 AWG

CONNECT POWER WIRES TO TERMINAL BLOCK

NON DIM

N	BLUE
⏚	Y/G
L	BROWN

1-10V

-1-10V	WHITE
+1-10V	GREY
⏚	Y/G
N	BLUE
L	BROWN

DALI

Da / Ls	WHITE
Da / N	GREY
⏚	Y/G
N	BLUE
L	BROWN

24V	11mm
	0,2 - 4mm² 24 - 12 AWG

CONNECT LEDSTRIP WIRES WITH FAST CONNECTORS
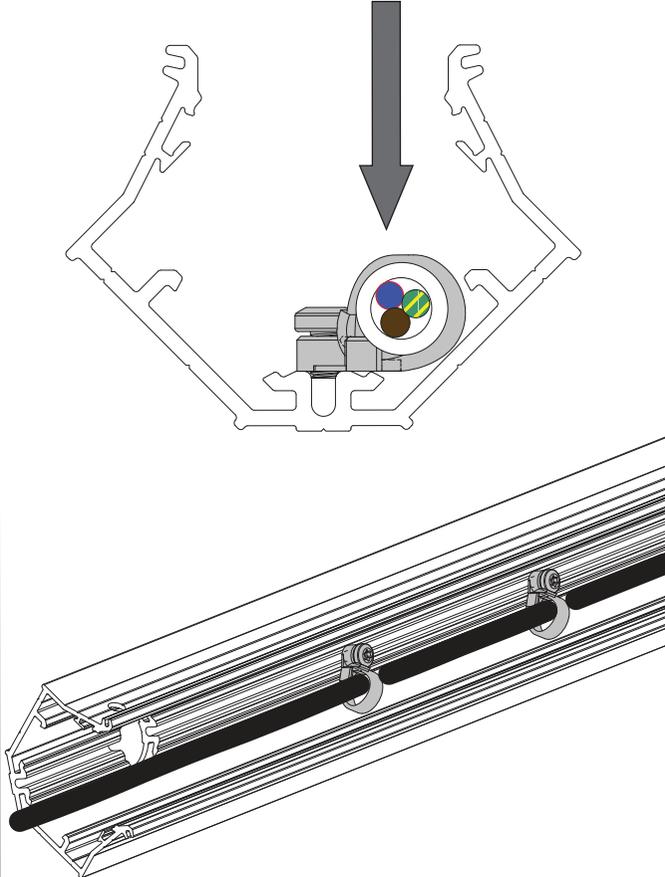
IF NEEDED STRIP MORE OUTER WIRE -ISOLATION

driver −
driver +

ADDITIONAL MOUNTING INFORMATION WHEN USING MORE THEN 1 DRIVER

POWER WIRES NEED TO BE LINKED BETWEEN DRIVER 1 AND DRIVER 2

220-230V
50-60Hz

driver 1 ——————— driver 2

USE ADDITIONAL DELIVERED TIE - WRAPS AND SCREWS TO FIX POWER CABLE IN THE PROFILE
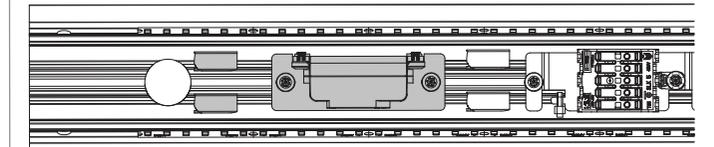
3x

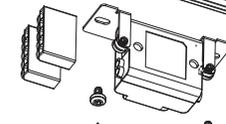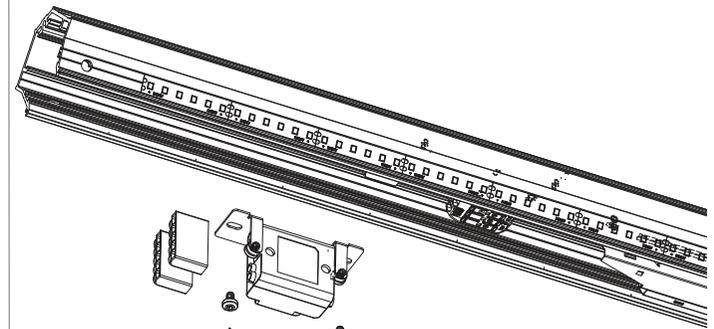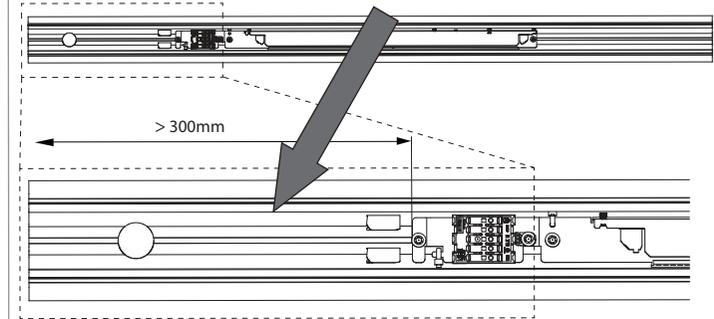### ADDITIONAL MOUNTING INFORMATION WHEN USING CASAMBI MODULE

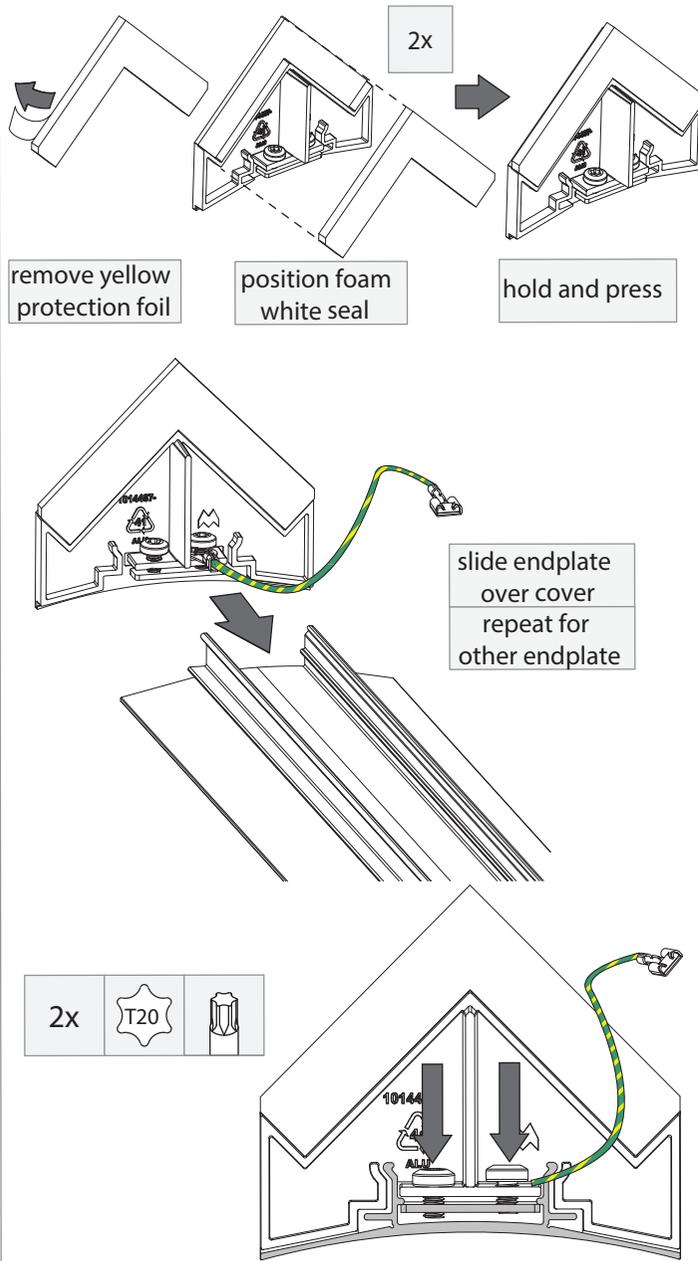⚠️ 93600512 Como Corner Casambi dim module dali
Only to be used with :

93600505 ComoCorner gear f LEDSTR 24V 70W DALI
93600506 ComoCorner gear f LEDSTR 24V 100W DALI
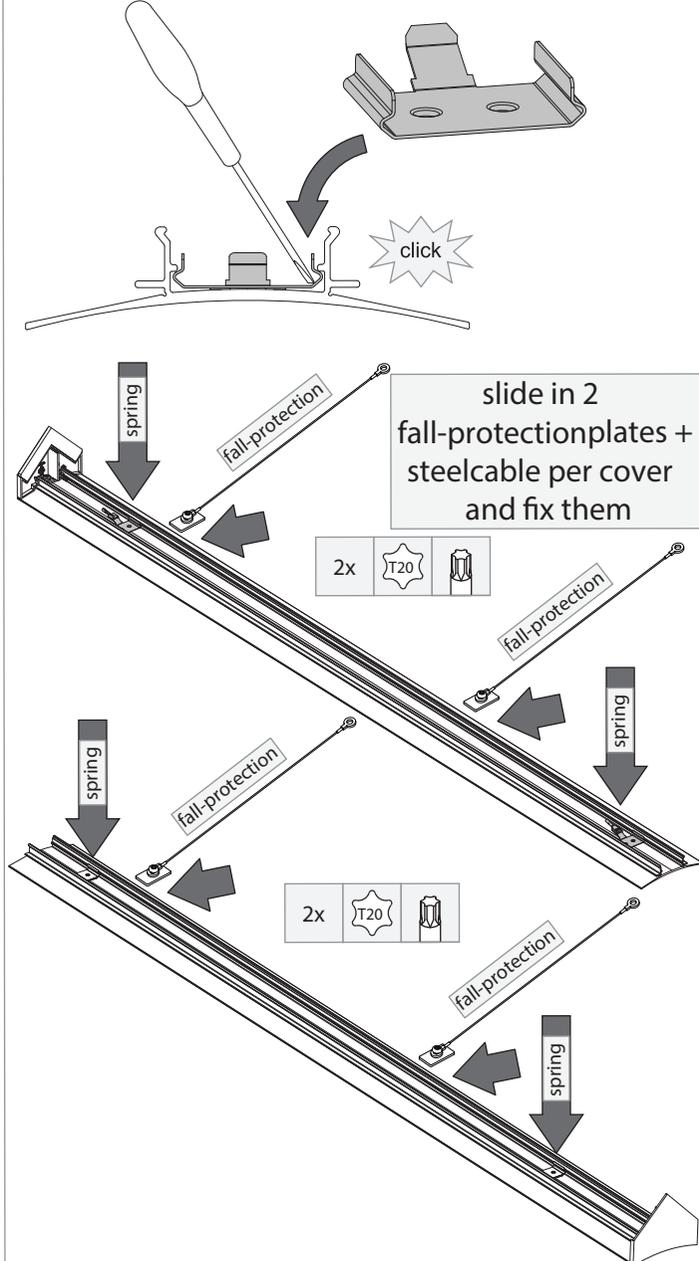
Check page 9 of this manual for detailed information !

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

> 300mm

2x T20

⏚ IP 20 UK CA CE

13 | GLUE WHITE SEALS + FIX ENDPLATES
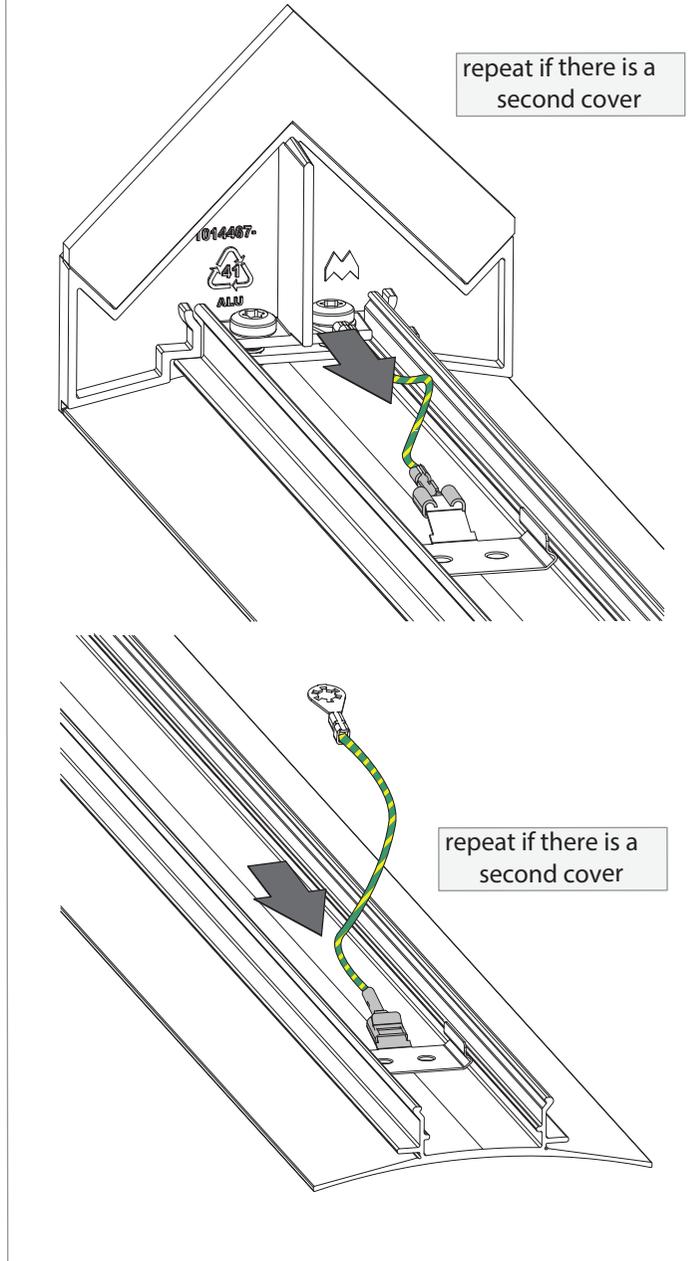
2x

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

spring

fall-protection

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

2x | T20

spring

fall-protection

spring

spring

fall-protection

2x | T20

fall-protection

spring

15 | CONNECT GROUNDWIRES

repeat if there is a second cover

repeat if there is a second cover

IP 20 | UK CA | CE

16 FIX FIRST GROUNDWIRE TO BASE + CLIPS THE COVER
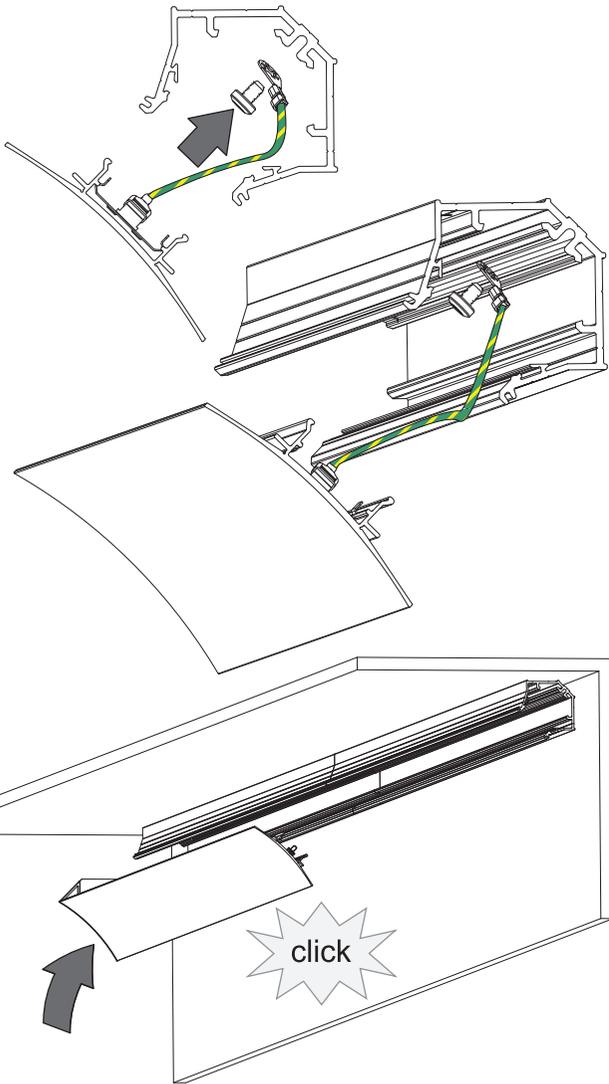
click

click

17 FIX SECOND GROUNDWIRE TO BASE + CLIPS THE COVER
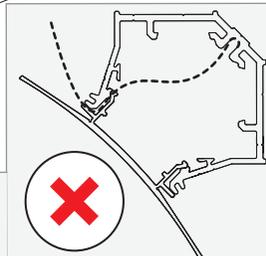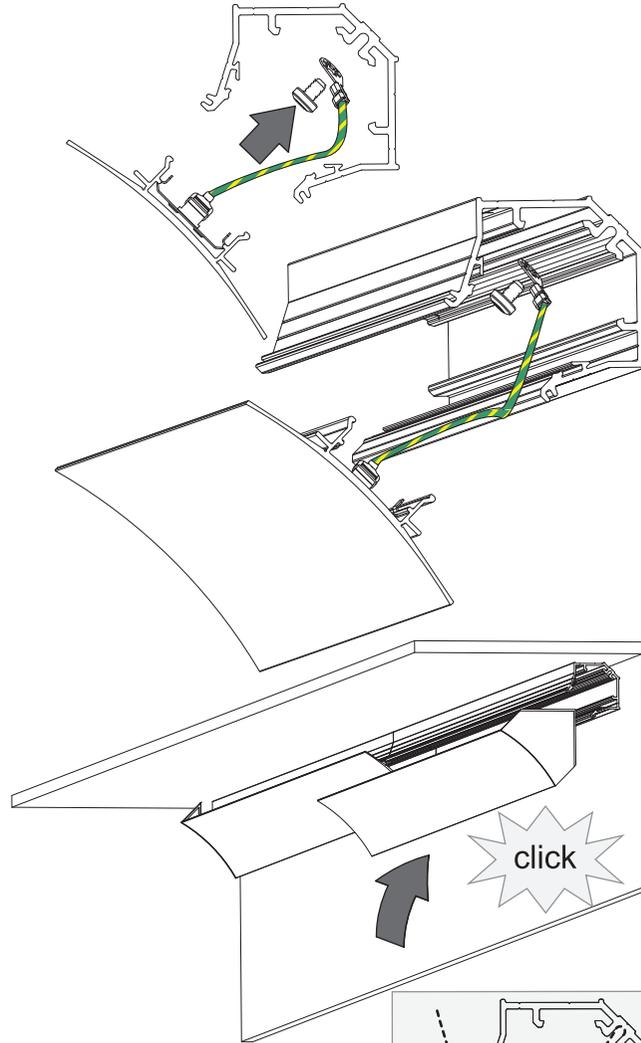
click

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

❌

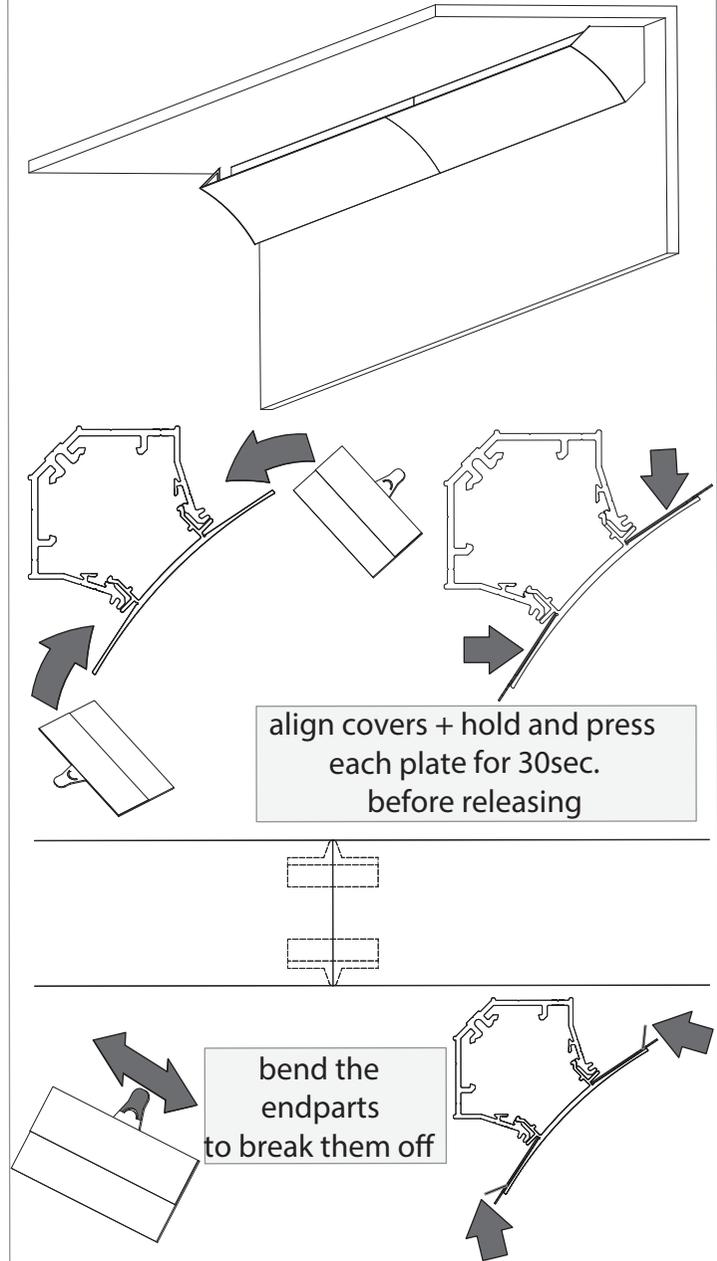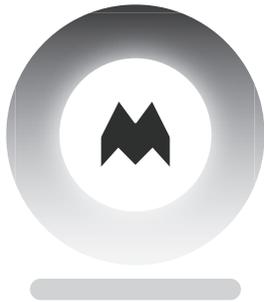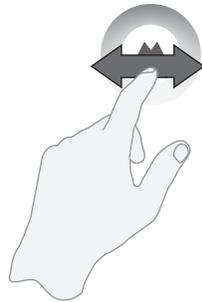**18 PLACE 2 LIGHTBLOCKING PLATES**

align covers + hold and press each plate for 30sec. before releasing

bend the endparts to break them off

IP 20

CBU-ASD 93600512 Como Corner Casambi dim module dali

ICONS IN APP
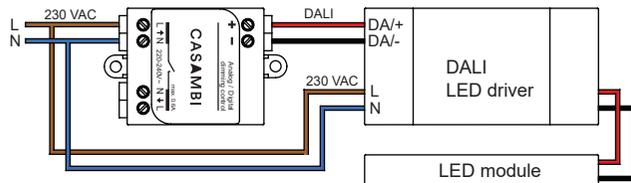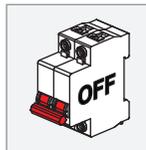

Modular DIM

Slide sideways over icon of the unit or group you want to control to change light intensity
or longtap on the icon to reveal slider.

DESCRIPTION

CBU-ASD Dim Module is a wireless control unit for LED drivers with DALI dimming interface.

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 model is needed. No external Dali power supply is needed.

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.

The CBU-ASD control unit will be connected directly to a DALI controllable LED driver. **Connect only one LED driver (DALI driver) to one CBU-ASD.**
Therefore, when there are multiple drivers in one Modular fixture, this fixture will show as multiple control units in the Casambi App. To control multiple CBU-ASD control units simultaneously, add them to the same network and group those units that you want to control together.

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:	2,400 ... 2,480 Ghz
Maximum output power:	+4 dBm
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

INSTALLATION

6 - 7mm
0,75 - 1,5mm²
20 - 16 AWG

Suitable for drivers that can be switched of via control interface

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.

Compatible devices:

iPhone iOS 10 and later, iPad iOS 10 or later, Android 4.4 KitKat or later, devices produced after 2013 with full BT 4.0 support

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.
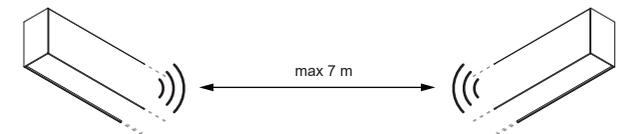
Please dispose of this product by returning it to the point of sale or to your local municipal collection point for recycling.

CASAMBI

www.casambi.com

Connect fixture to a Casambi network by using the Casambi App which can be downloaded from iOS App Store or Google Play Store.

max 7 m

Surrounding materials , obstructions (walls, concrete, metal,...) and other wireless signals can have a negative influence on the casambi wireless signal range. Always check on site circumstances for optimal signal quality.

For more information, support and troubleshooting about the Casambi technology please visit:
https://support.casambi.com/support/solutions

Advised to use this device in an Evolution network

IP 20   UKCA   CE

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 th   is 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 w   ith 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 manufact   urer.
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.

IP 20