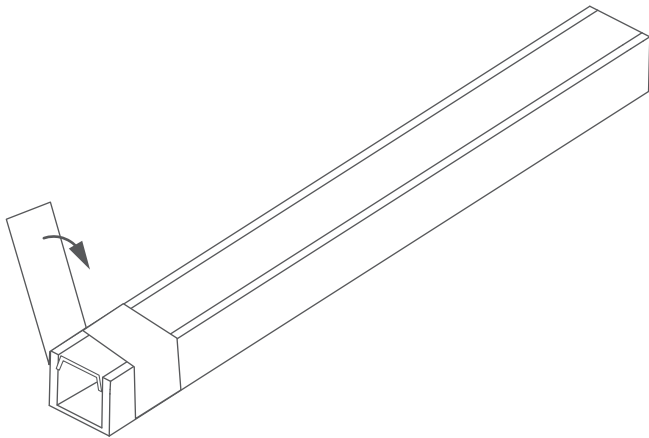


Spis treści / Table of contents

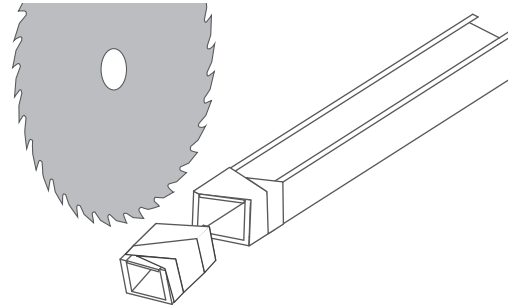
Cutting and drilling.....	p.2
Adhering and connecting LED strips.....	p.3
Attaching covers and end caps.....	p.4
Sealing the extrusion.....	p.5
Connecting extrusions using ZM connectors.....	p.6

1. Before cutting the extrusion with the cover, secure the cutting point with self-adhesive tape.



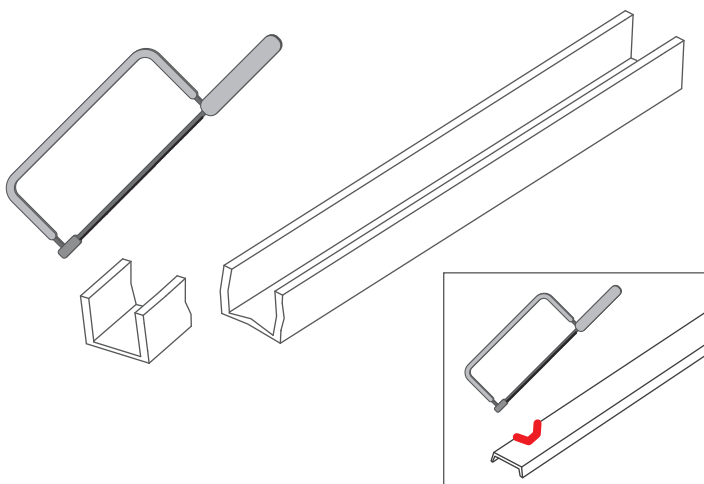
2. Use a mechanical saw to cut.

NOTE! It is recommended that the cover be cut 2 mm shorter than the extrusion to account for its thermal expansion.

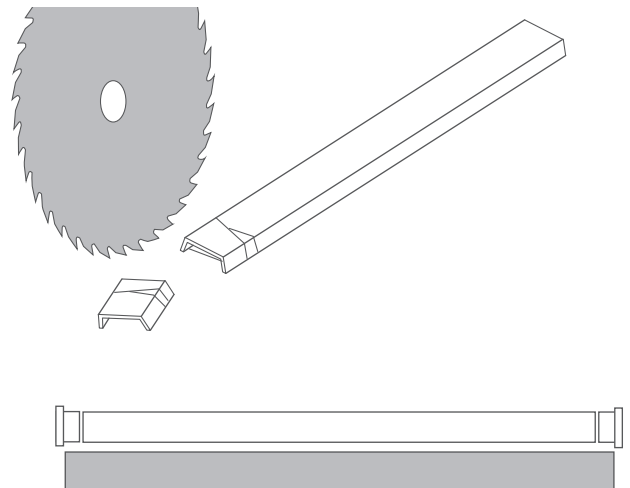


- 2mm

NOTE! Low precision cutting of the extrusion and cover can be done with a hand saw, however, uneven, jagged edges will remain, and the covers may break.

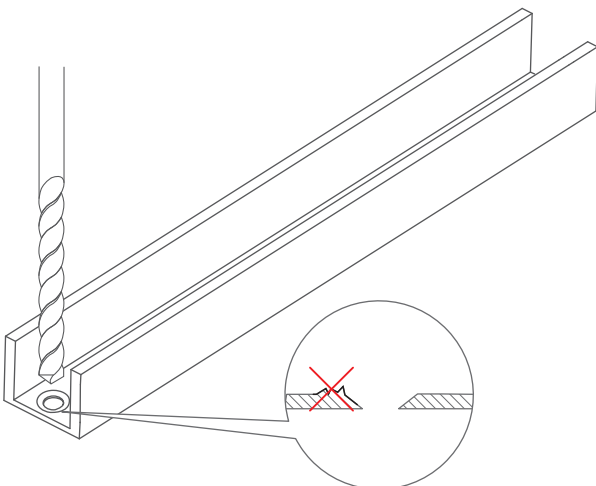


NOTE! For some extrusions there are dedicated end caps that require adequate shortening of the cover.

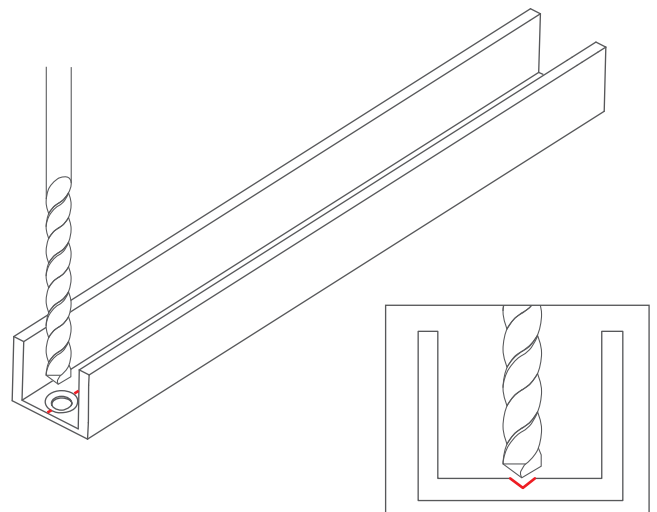


3. Drill a hole in the extrusion in the selected place.

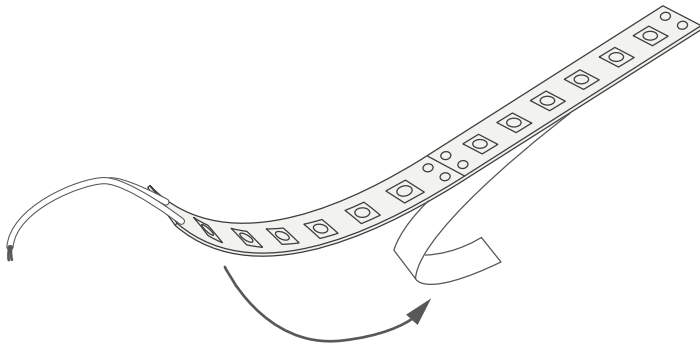
NOTE! Make sure that there are no burrs around the hole after drilling as they can damage the LED strip or cable.



NOTE! Some extrusions feature one or more special grooves that make it easier to start drilling.

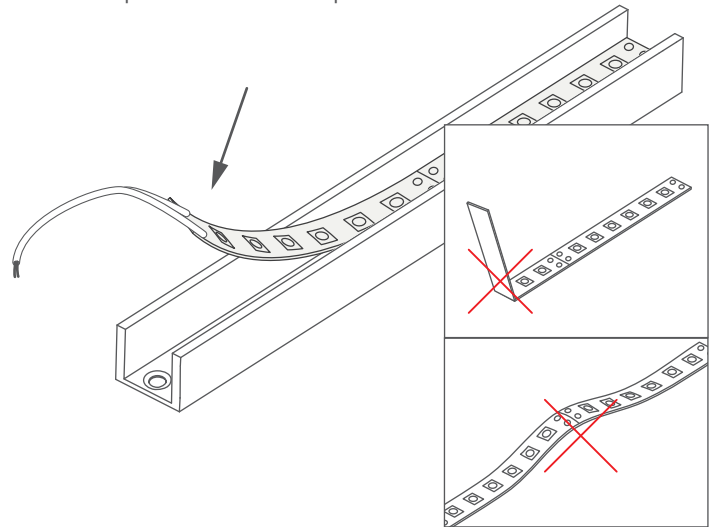


1. Remove the protective layer of the LED strip.

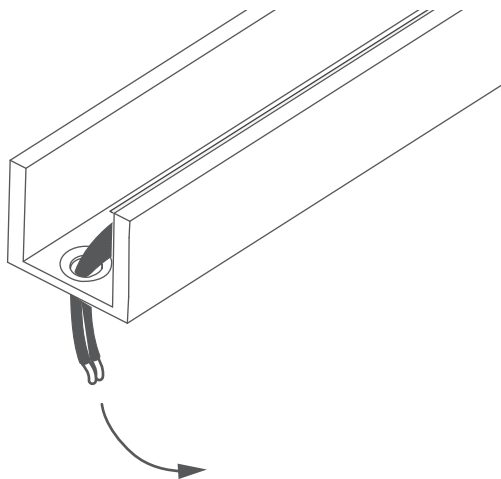


2. Attach the tape in the extrusion using the adhesive provided on the LED strip.

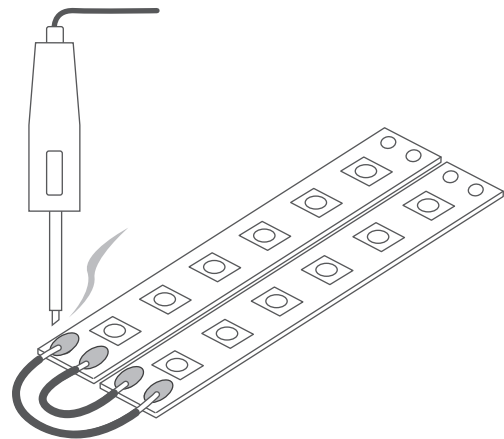
NOTE! The tape must not be bent or peel off the surface.



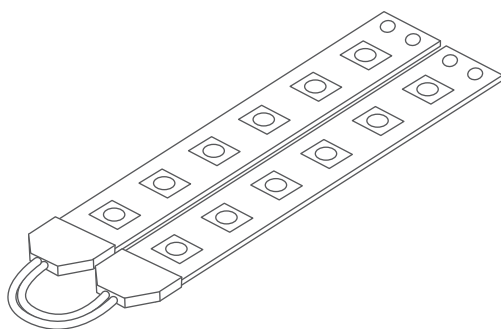
3. Lead the power cable through the drilled hole.



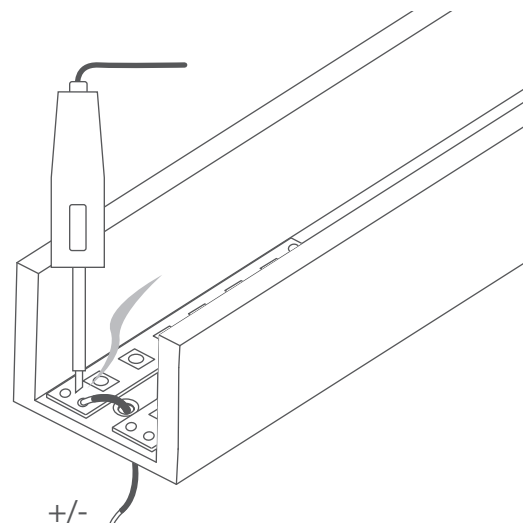
4. Connect the LED strips with wires by soldering.



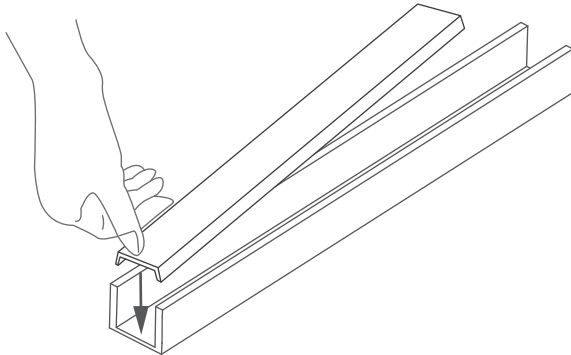
OPTIONALLY: The LED strips can also be connected using a system of LED strip connectors. More information at www.klusdesign.eu



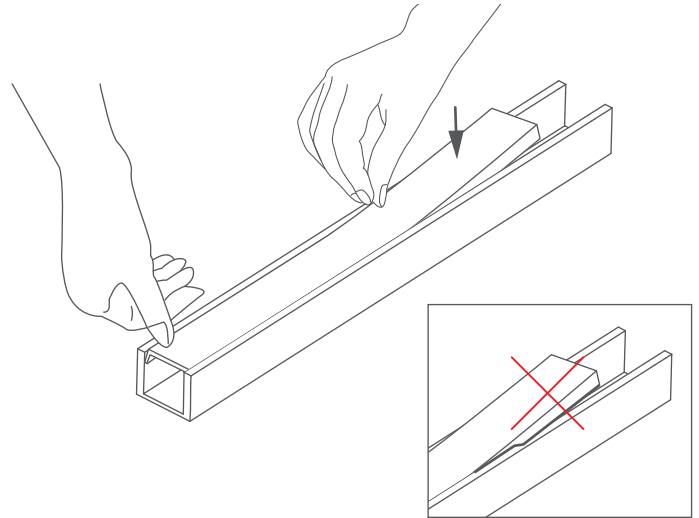
OPTIONALLY: The power cords can be led out from one pole of a given strip. This method is used to power suspended lighting fixtures.



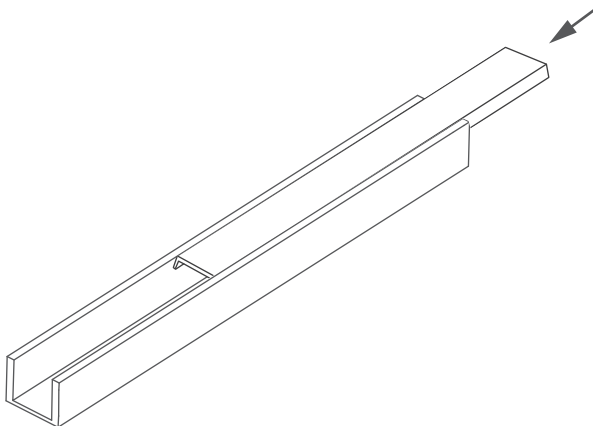
1. Insert the tip of the cover into the extrusion.



2. Press in the subsequent sections of the cover. Be careful not to bend or break the wings of the cover.

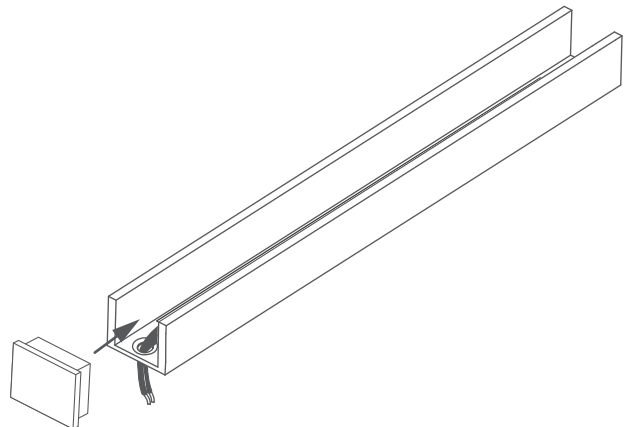


OPTIONALLY: Short sections, can also be inserted from the edge of the extrusion.

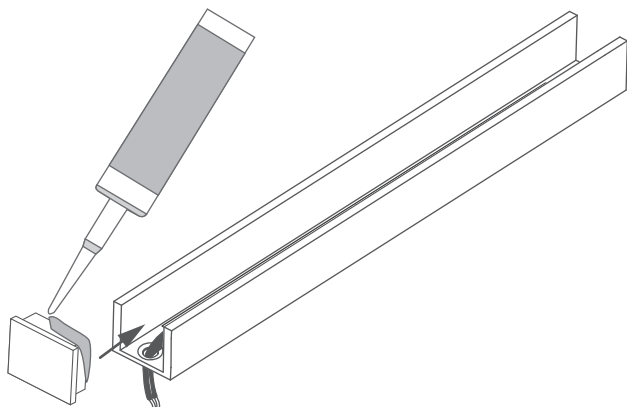


3. Insert an end cap into the edge of the extrusion. Individual extrusions have a shape that allows easy installation of dedicated end caps.

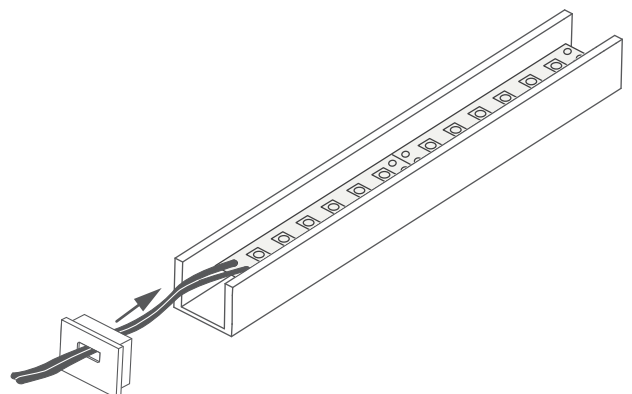
NOTE! Some end caps require an adequately shortened cover. This should be taken into account when cutting the extrusion and the cover.



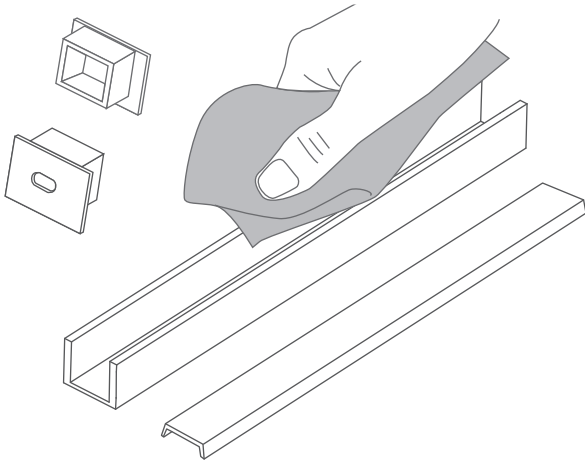
OPTIONALLY: The end caps can be attached to the extrusion using glue.



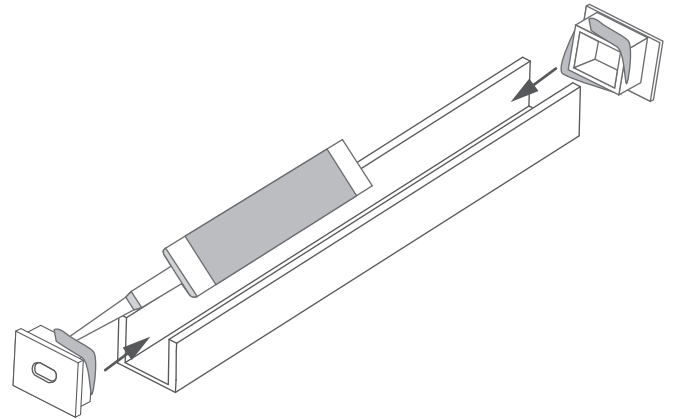
OPTIONALLY: Power cables can be run through the end caps in which case the extrusion does not need to be drilled through.



1. Clean dust and dirt from the extrusion and accessories.

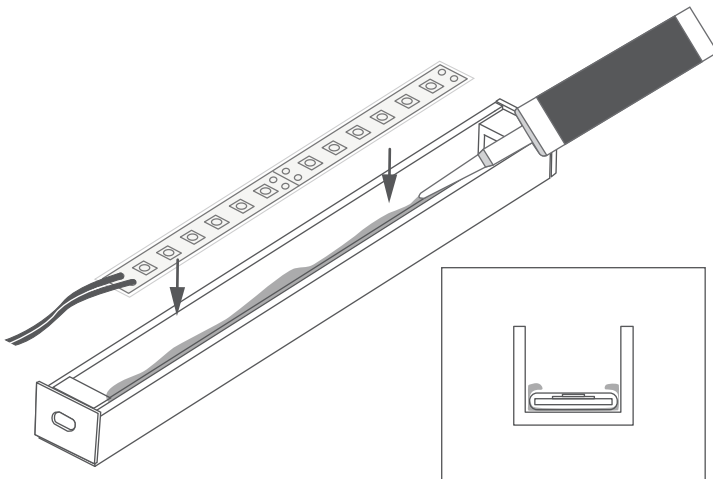


2. Attach the end caps with glue.

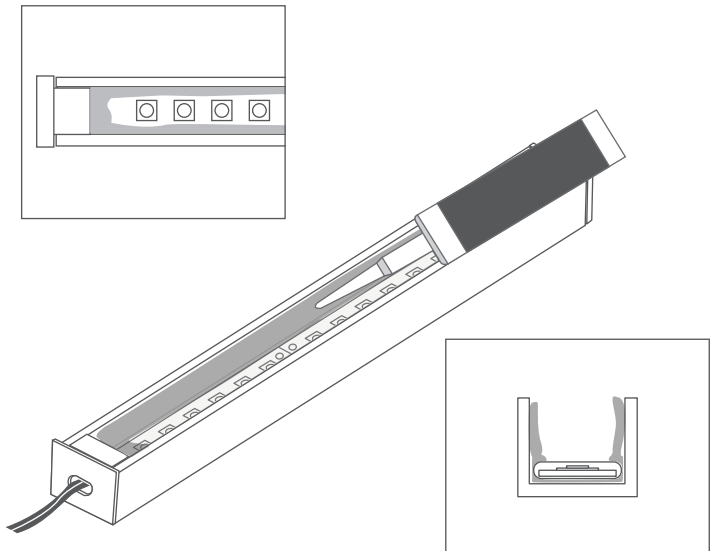


3. Apply a silicone layer to the bottom of the profile and embed the LED strip in it.

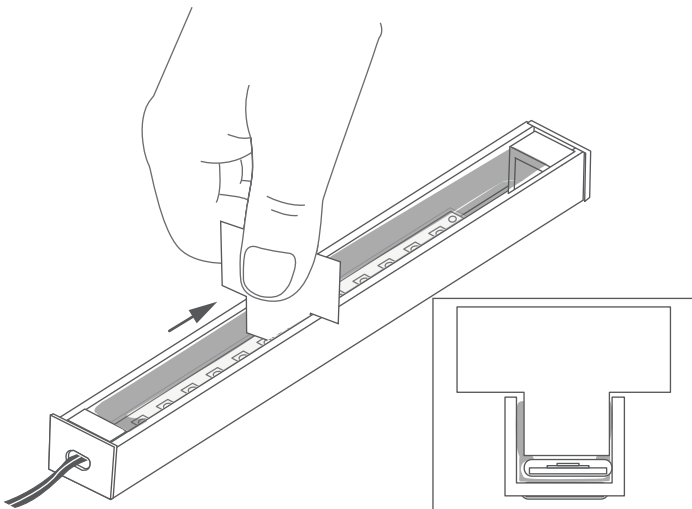
NOTE: The LED strip must have separate protection against moisture. We recommend a silicone sleeve or heat shrink tubing if the strip in the sleeve does not fit into the extrusion.



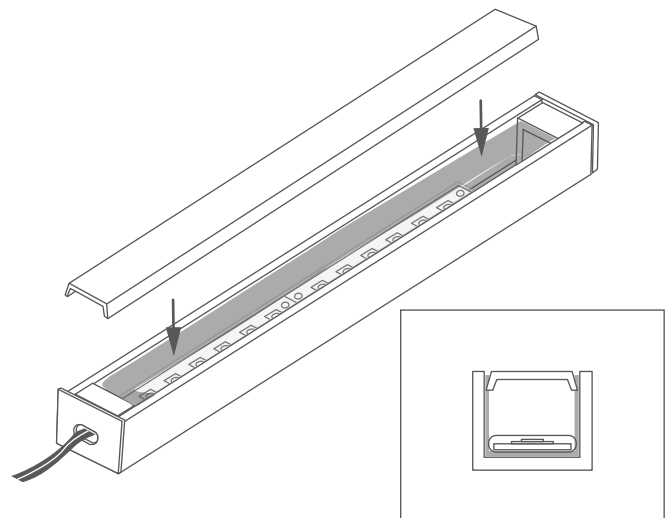
4. Apply a second layer of silicone on the extrusion walls and the end caps.



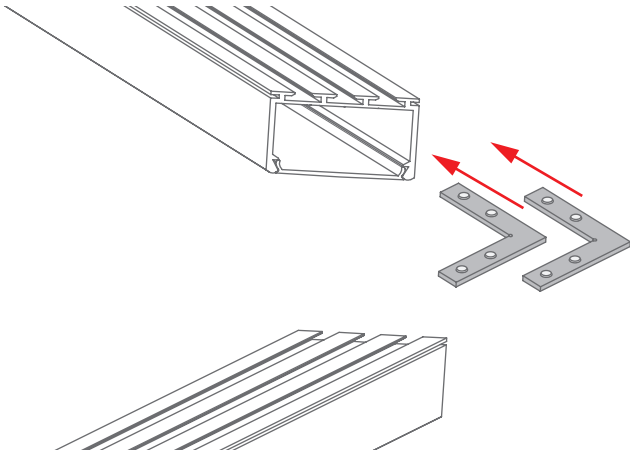
5. Remove the excess silicone with a rectangular tool (e.g. a piece of cardboard), taking care not to damage the tape. The silicone layer must be even and must not obscure the LEDs.



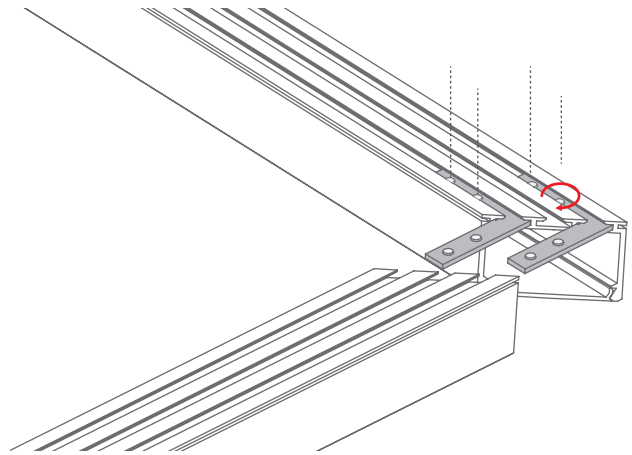
6. Insert the cover.



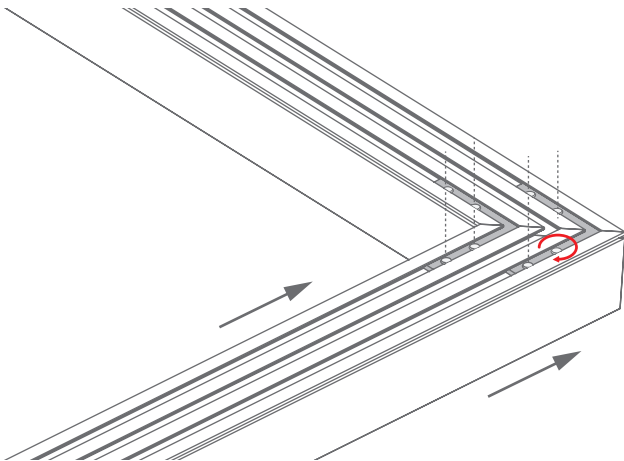
1. Slide the connectors into the small locks of the extrusion.

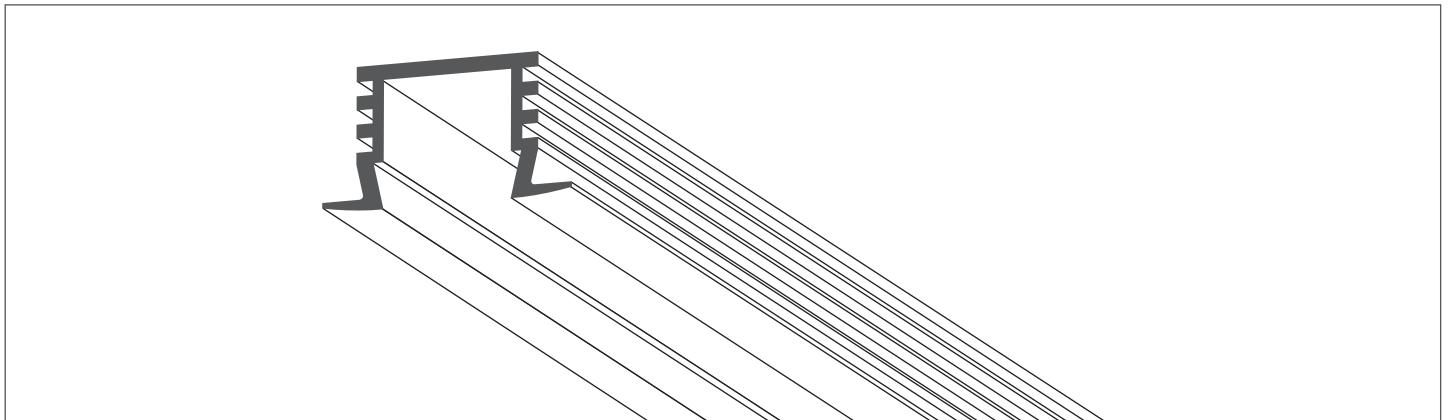


2. Tighten the two pressure screws in each connector with an Allen wrench.



3. Slide the other half of the extrusion onto the connectors and tighten the pressure screws with an Allen wrench.





Parts needed to mount the PDS-4-K extrusion



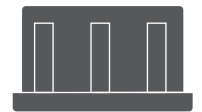
Extrusion (A)



LED strip (B)



Cover (C)



End cap (D)

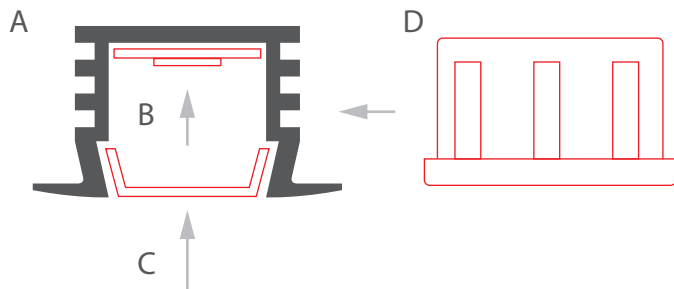
Tools needed for mounting:

- mounting glue

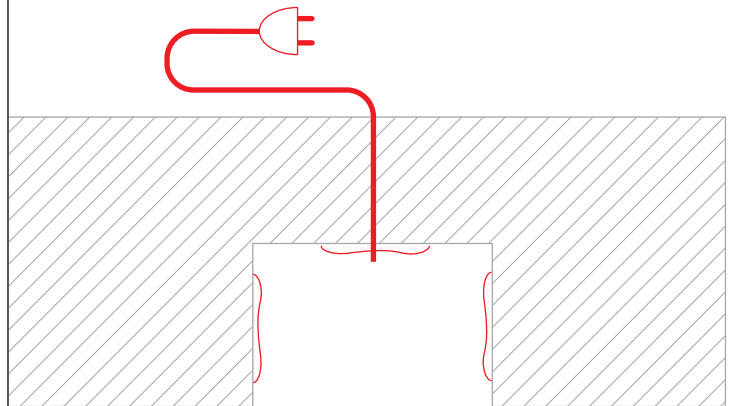
WARNING! All LED strips should be connected to a 12 V or 24 V power supply.

IMPORTANT: The mounting instructions present the basic form of assembly. More methods and related accessories can be found at www.KlusDesign.eu

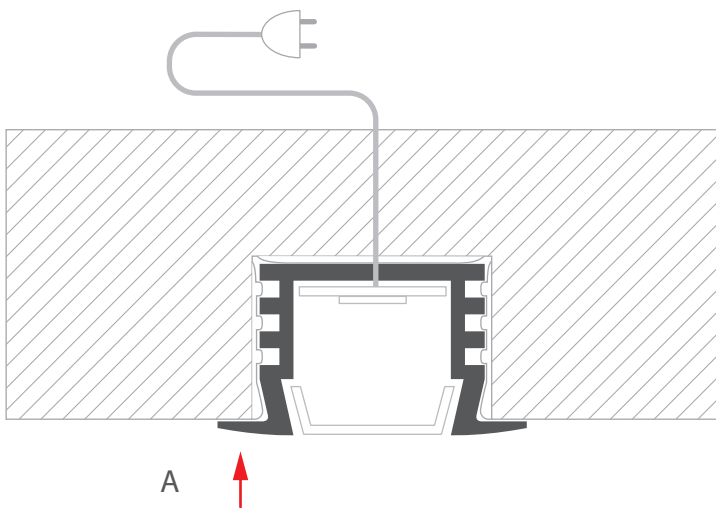
- 1.** Install the LED strip (B) in the extrusion (A), insert the cover (C) and the end caps (D).



- 2.** Feed the power cable. Spread the glue inside the mounting channel.



- 3.** Connect power to the LED strip and mount the extrusion (A) in the mounting channel.



PRODUCT DESCRIPTION

- Ability to create a line of light
- Masking the channel edge

FINISH :

Silver anodized Black anodized 

Fill empty fields

Product nr.	
Fixture type	
Company	
Job name	
Date	

TECHNICAL SPECIFICATION**Application**

- construction of recessed lighting fixtures
- furniture lighting

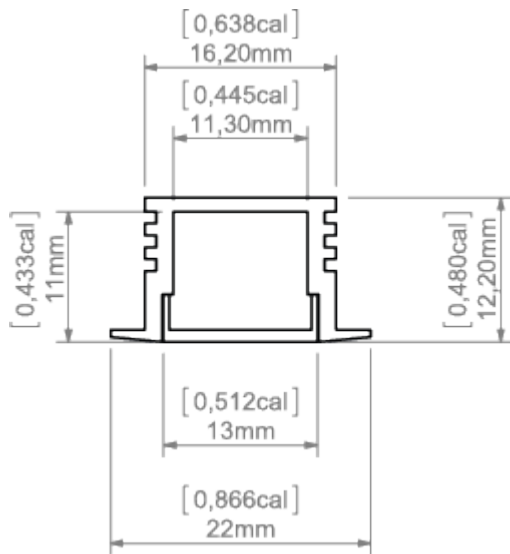
Assembly

- with mounting adhesive

AVAILABLE LENGTHS

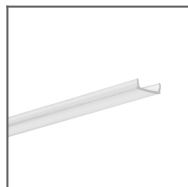
Ref. nr.	surface finish	available lengths
B3776ANODA_1	Silver anodized	1000mm
B3776ANODA_2	Silver anodized	2000 mm
B3776ANODA_3	Silver anodized	3000 mm

TECHNICAL DRAWING



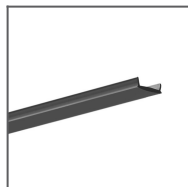
RELATED PRODUCTS

COVERS



KA clear Cover
Ref: 17036

60°



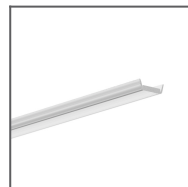
LIGER black Cover
Ref: 17040

90°



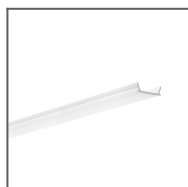
KA frosted Cover
Ref: 17035

90°



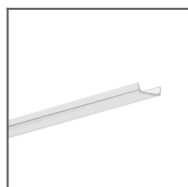
HS clear Cover
Ref: 1370

50°



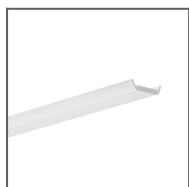
KA-PRO frosted Cover
Ref: 17064

100°



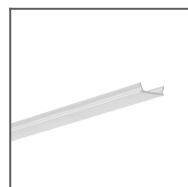
KA-COM clear Cover
Ref: 17122

70°



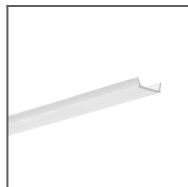
HS frosted Cover
Ref: 1369

100°



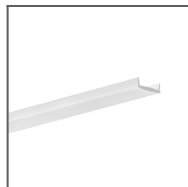
KA-PRO clear Cover
Ref: 17065

50°



KA-COM frosted Cover
Ref: 17121

100°



LIGER frosted Cover
Ref: 17037

120°



END CAPS



PDS-4-K-MW
white End cap
Ref: 22005



ECO-PDS-4-K
white End cap
Ref: 20005



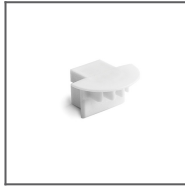
PDS-4-K-OTW
white End cap
Ref: 21005



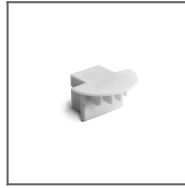
PDS-4-K-OTW
grey End cap
Ref: 1447



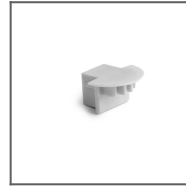
PDS-4-K-OTW-MW
grey End cap
Ref: 00309



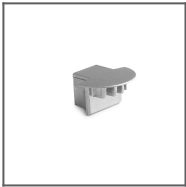
PDS-4-K-OTW-MW
white End cap
Ref: 23005



PDS-4-K-MW grey
End cap
Ref: 00032



PDS-4-K grey End
cap
Ref: 1438



PDS-4-K
metalized End
cap
Ref: 24063

ACCESSORIES



8,8x1,2 Gland
Ref: 00802

MARKETING MATERIALS



Presentation set 1
Ref: 90051