

PRODUCT DESCRIPTION

Small dimensions (just 6 mm; 0.23" high), extrusion can fit slim designs and thin furniture pieces, lightweight, easily disperses heat.

Patent Number: US D621,542 S



Fixture Certified to NSF 2 standards
when assembled by KLUS

Intertek



Closet Rated

- Minimum dimensions for LED strips 0.39" / 10 mm wide
- Simple assembly
- Versatile application
- Low weight
- Good heat transfer in relation to the surface
- ETL listed and approved for installation in all closet storage areas when factory built by KLUS as fixtures with 4.5w/ft or less
- Designed to reach an IP67 waterproof rating



FINISH :

- Non anodized (raw) 
- Silver anodized 
- Black anodized 
- White 

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Product nr.	
Fixture type	
Company	
Job name	
Date	

TECHNICAL SPECIFICATION

Application

- intended mainly for interiors, e.g. lighting of cabinets, stairs, display windows etc.
With their small size, the lighting fixtures can be concealed in the walls of the furniture with small cross-sections

- in the sealed version, it can be used outdoors, for example on the facade of buildings, in the elements of garden architecture, in fencing elements, etc.

Mounting

- can be mounted with appropriately selected fixing glues, professional double-sided adhesive tapes, metal and plastic mounting brackets, as well as mounting brackets with angle adjustment, and by means of a mounting spring

Additional information

- suitable for bending in the plane adjacent to the LED strip
- can be equipped with transparent and frosted covers (diffusers), aluminum-colored plastic end caps, metalized and conductive end caps
- must not be used for diodes emitting high temperatures
- lighting or illumination of certain areas (stream of light may vary depending on the power of applied LEDs)
- illumination of hardly accessible areas – shaded spots
- space for LED strip: 0.44" / 11.2 mm

Possibility of making a linear fixture with IP67 protection, which means the fixture is dustproof and waterproof. Achieving IP67 is possible with the following covers: LIGER-22, MUN-22 and HS-22.

Turn off LED lights during peak day light hours in outdoor applications to avoid excessive heat buildup which will result in diminished LED life.

Extrusion bending

Minimum internal radius	Minimum external radius
150 mm / 5.9"	150 mm / 5.9"

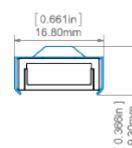
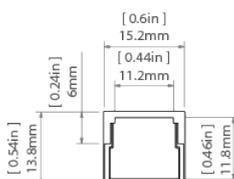
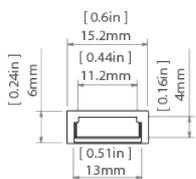
- Minimum radius bending radius which when exceeded causes destruction (deformation, bending or lack of compatibility with other accessories, e.g. covers, end caps, etc.) of the profile.
- Internal radius refers to the extrusion bent so that the cover is facing the inside of the arch.
- External radius - refers to the extrusion bent so that the cover is facing the outside of the arch.
- Irregular curves are possible after consultation and individual quotation.
- When bending anodized extrusions, one should be aware of cracking of the anode coating (which may be more or less visible depending on the radius).

AVAILABLE LENGTHS

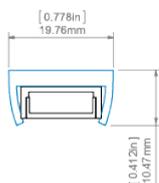
Ref. nr.	surface finish	available lengths
B1888NA_1	Non anodized (raw)	39.4"
B1888NA_2	Non anodized (raw)	78.75"
B1888ANODA_1	Silver anodized	39.4"
B1888ANODA_2	Silver anodized	78.75"
B1888ANODA_3	Silver anodized	118.11"

Ref. nr.	surface finish	available lengths
B1888K7_1	Black anodized	39.4"
B1888K7_2	Black anodized	78.75"
B1888L9010OD_2	White	78.75"

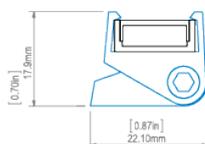
TECHNICAL DRAWING



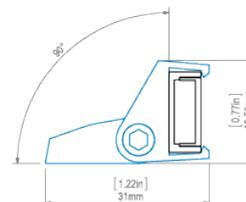
MICRO-ALU extrusion and PDS-STN mounting bracket



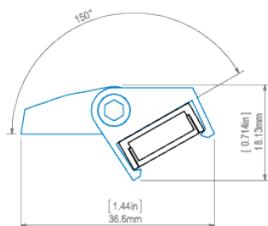
MICRO-ALU extrusion and PL-PDM mounting bracket



MICRO-ALU extrusion and REG-PD-UV mounting bracket



MICRO-ALU extrusion and REG-PD-UV mounting bracket



MICRO-ALU extrusion and REG-PD-UV mounting bracket

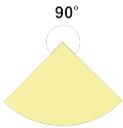
RELATED PRODUCTS

COVERS

BLACK



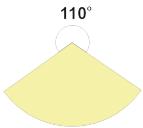
LIGER Cover
black
Ref: 17040



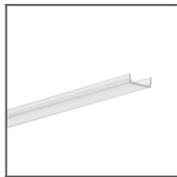
CLEAR COVERS



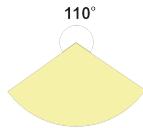
HS Cover clear
Ref: 1370



KA-PRO Cover
clear
Ref: 17065



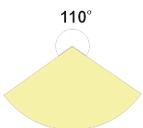
KA Cover clear
Ref: 17036



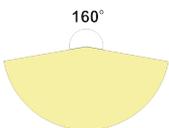
FROSTED COVERS



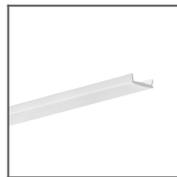
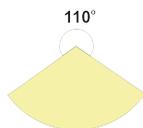
KA Cover frosted
Ref: 17035



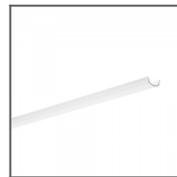
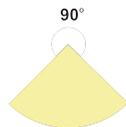
M-K Cover
Ref: 17038



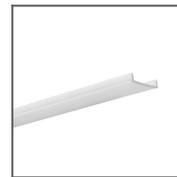
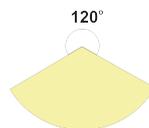
HS Cover frosted
Ref: 1369



LIGER Cover
frosted
Ref: 17037 (Old
ref. 17031)



PDS-LUK Cover
Ref: 17076



KA-PRO Cover
frosted
Ref: 17064

END CAPS

REGULAR END CAPS



MICRO-ALU MET metalized End cap
Ref: 24062



MICRO-ALU grey End cap
Ref: 1058



M-K grey End cap
Ref: 24216



MICRO-ALU black End cap
Ref: 24068



ECO-MICRO-ALU End cap
Ref: 20001



ECO-MICRO End cap with hole
Ref: 21001



MICRO-ALU grey End cap with hole
Ref: 1060

MICRO SWITCH END CAPS WITH HOLE



MW-MICRO grey End cap with hole
Ref: 00024

ELECTRICITY CONDUCTIVE END CAPS



Electricity conductive MICRO-ALU End cap
Ref: 42601

ACCESSORIES

FASTENERS & MOUNTING ACCESSORIES



PIONISA Mounting bracket
Ref: 24122



PDS-STN Mounting bracket
Ref: 24190



PL-PDM Mounting bracket
Ref: 24041



White PDS/MICRO Mounting bracket
Ref: 24223



REG-PD-UV Adjustable Mounting bracket
Ref: 24270



Black PDS/MICRO Mounting bracket
Ref: 24189



PLANISA Mounting bracket
Ref: 24121



ST Head
Ref: 42216



BZP Head
Ref: 42213



BZP-ZZ Head
conductive
Ref: 42215



ZZ Head
conductive
Ref: 42218



DP-MOC-ZZ
Fastener
Ref: 00647



DP-ZZ Fastener
Ref: 00651



DP-MOC
Fastener
Ref: 00645



FI-8-LIN-MR
Fastener silver
Ref: 42287

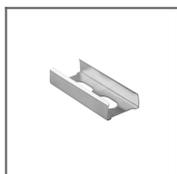


FI-8-LIN-MR
Fastener black
Ref: 42287L9005



FI-8-PRET-MR
Fastener silver
Ref: 42345

COMPONENTS FOR CONNECTING FIXTURES



PD-MICRO
Connector
Ref: 42150

MOUNTING SETS



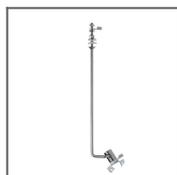
M3 Mounting set
Ref: 42303



M4 Mounting set
Ref: 42301



M5 Mounting set
Ref: 42302



M14 Mounting
set
Ref: 42612

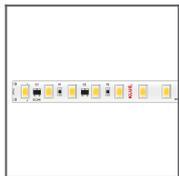
ADDITIONAL ITEMS



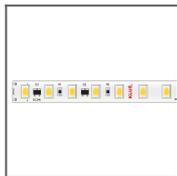
6x1.2 Gland
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LED TAPES

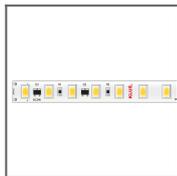
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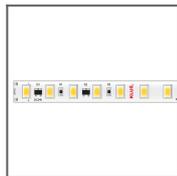
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K-HE-0960-HD-24V
Ref: K-HE-0960-HD-24V

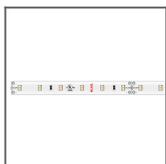


K-HE-1440-HD-24V
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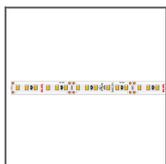


K-HE-0480-HD-24V
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CRI95+



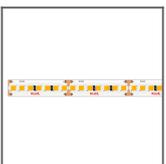
K-CR-1210-24V
Ref: K-CR-1210-24V



K-CR-1220-24V
Ref: K-CR-1220-24V



K-CR-1275-24V
Ref: K-CR-1275-24V



K-CR-1820-HD-24V
Ref: K-CR-1820-HD-24V



K-CR-1910-HD-24V
Ref: K-CR-1910-HD-24V



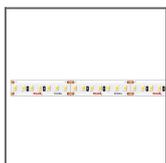
WP-K-CR-1210-24V
Ref: WP-K-CR-1210-24V



WP-K-CR-1220-24V
Ref: WP-K-CR-1220-24V



WP-K-CR-1275-24V
Ref: WP-K-CR-1275-24V



K-CR-0530-HD-24V
Ref: K-CR-0530-HD-24V

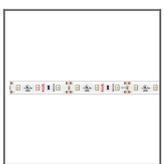
WHITE



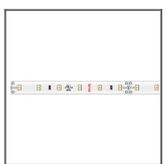
K-1220-24V
Ref: K-1220-24



K-1275-12V
Ref: K-1275-12



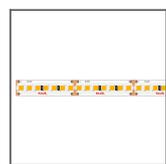
K-1210-12V
Ref: K-1210-12



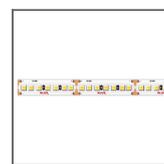
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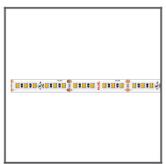
K-1220-12V
Ref: K-1220-12



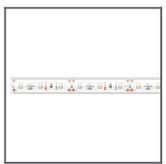
K-1820-HD-24V
Ref: K-1820-HD-24



K-1910-HD-24V
Ref: K-1910-HD-24



K-1275-24V
Ref: K-1275-24



WP-K-1210-12V
Ref: WP-K-1210-12



K-0530-HD-24V
Ref: K-0530-HD-24



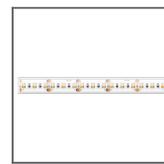
WP-K-1220-12V
Ref: WP-K-1220-12



WP-K-1220-24V
Ref: WP-K-1220-24



WP-K-1220-IP65-24V
Ref: WP-K-1220-IP65-24V



WP-K-1275-12V
Ref: WP-K-1275-12



WP-K-1275-24V
Ref: WP-K-1275-24



WP-K-1210-24V
Ref: WP-K-1210-24

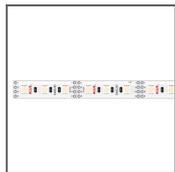


WP-K-1640-HD-IP65-24V
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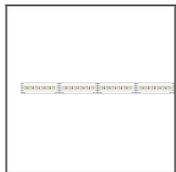


WP-K-1910-HD-IP65-24V
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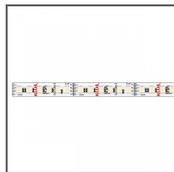
RGB/ RGBW



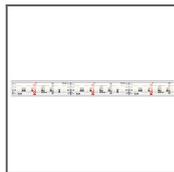
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Ref: K-1275-RGB-12V



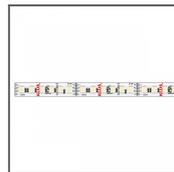
K-1530-RGB+W-24V
Ref: K-1530-RGB+W-24V



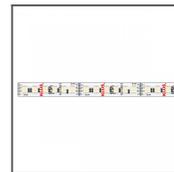
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WP-K-1920-120-RGB-24V
Ref: WP-K-1920-120-RGB-24V

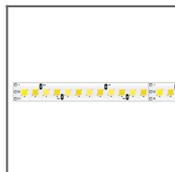


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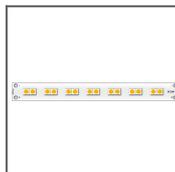


K-0700-120-RGB-24V
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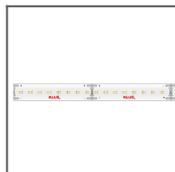
ADJUSTABLE WHITE/ DIM TO WARM



K-22/50-1728-24V
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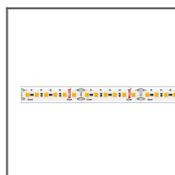


K-30/18-1770-24V
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K-30/18-1770-010V-24V
Ref: K-30/18-1770-010V-24V

LONG RUN

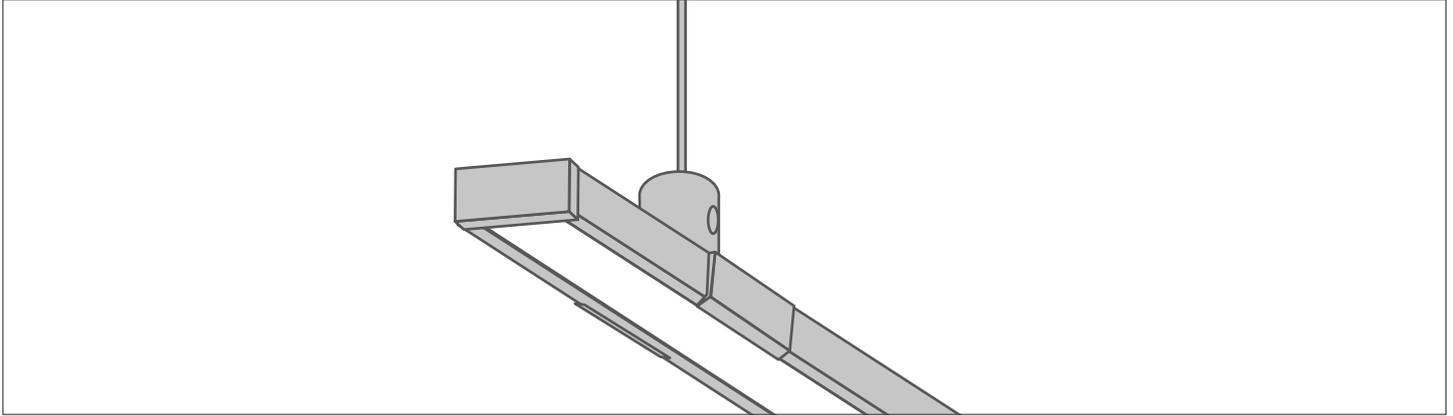


K-LR-1000-24V
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MARKETING MATERIALS

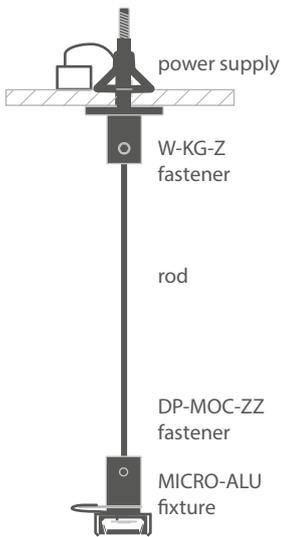


Presentation set
1
Ref: 90051



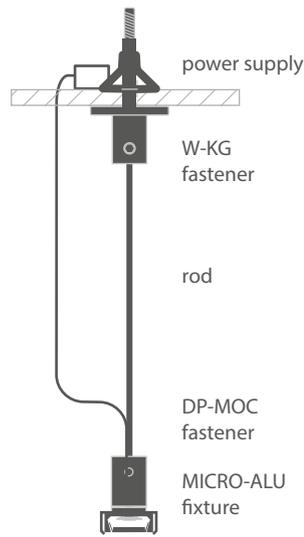
Instruction includes the following mounting methods:

1) Rod - conductive driven power supply, with an external power connector



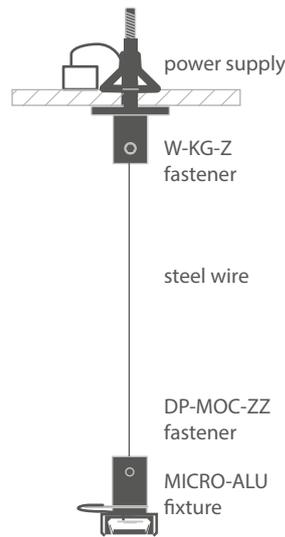
If fully built fixtures are ordered and received from KLUS please skip to p. 2, step 5.

2) Rod - non-conductive (drop lead)



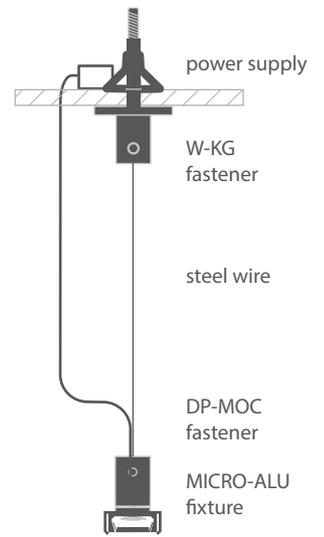
If fully built fixtures are ordered and received from KLUS please skip to p.3, step 5.

3) Wire - conductive driven power supply, with an external power connector



If fully built fixtures are ordered and received from KLUS please skip to p. 4, step 5.

4) Wire - non-conductive (drop lead)



If fully built fixtures are ordered and received from KLUS please skip to p. 5, step 5.

Tools needed for mounting:

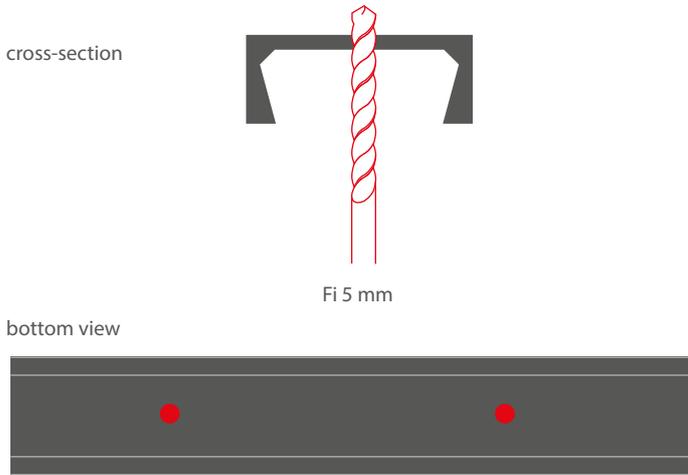
- drill
- pliers
- allen wrench
- soldering iron

NOTE! All LED strips must be connected to a 12 V or 24 V power supply.

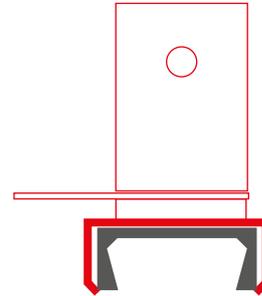
IMPORTANT: The manual presents the simplest mounting procedure.
More mounting procedures and related accessories can be found at klusdesign.com

*If fully built fixtures are ordered and received from KLUS please skip to step 5

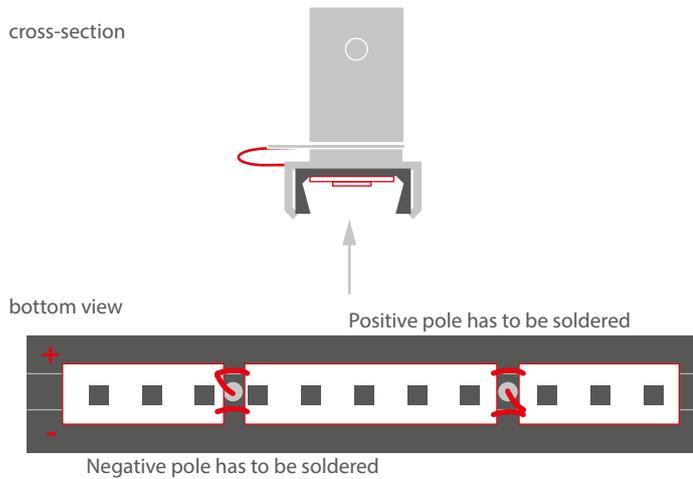
1. Drill 2 holes with a diameter of 5 mm in the selected extrusion to lead the power cables.



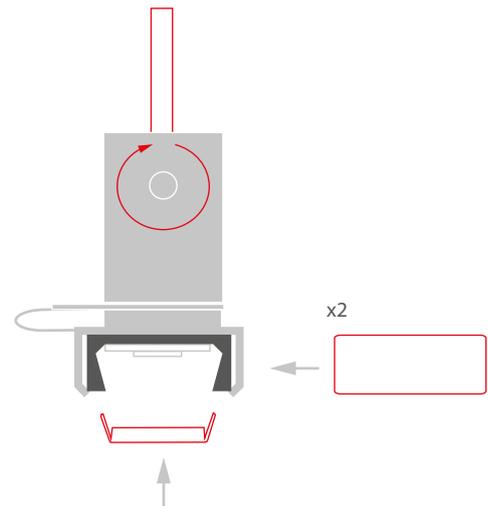
2. Insert the extrusion into the mounting bracket of the head. Manual for the DP-MOC-ZZ fastener can be downloaded [here](#).



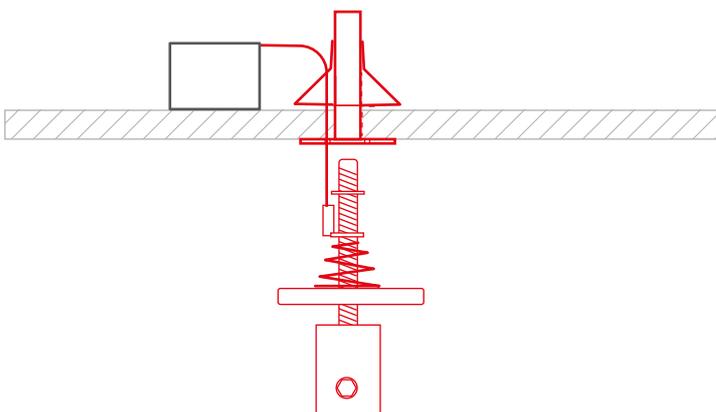
3. Mount the LED strip in the extrusion and lead the cables through pre-drilled smaller holes. Then lead them to the connectors of the DP-MOC-ZZ fasteners. Each hole should lead a cable with one power pole, LED strip has to be cut before installation, so the wires can be easily routed to the holes.



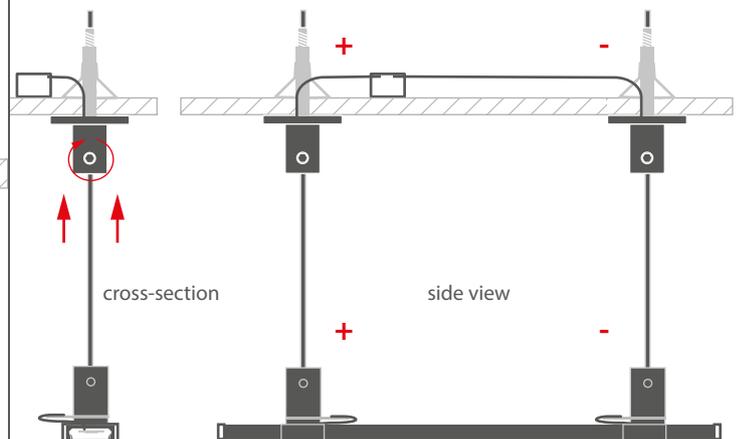
4. Install the rod, cover and both end caps.



5. Install the W-KG-Z ceiling fasteners. The fastener installation manual can be downloaded [here](#). Connect the cables, each for the single power pole to the fasteners. The cables should go through a pre-drilled hole just under the masking cover of the fastener.

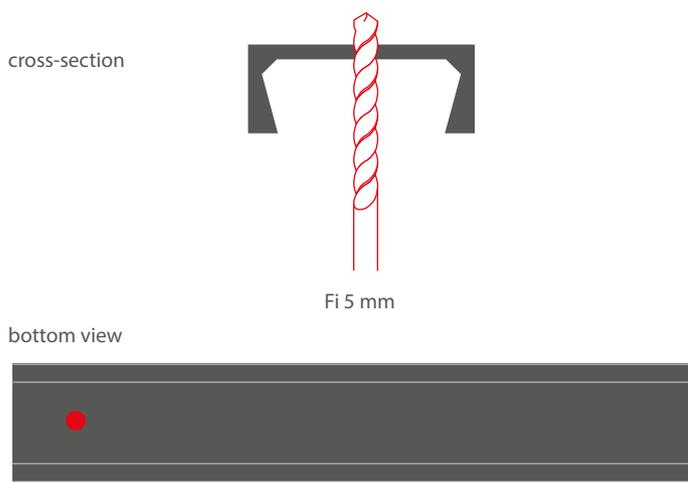


6. Mount the fixture with rods into the ceiling fasteners. Mind that the power poles connected to the rods should match the ones connected to the fasteners.

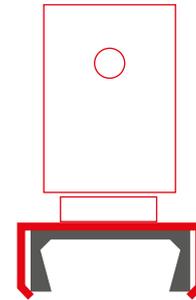


*If fully built fixtures are ordered and received from KLUS please skip to step 5

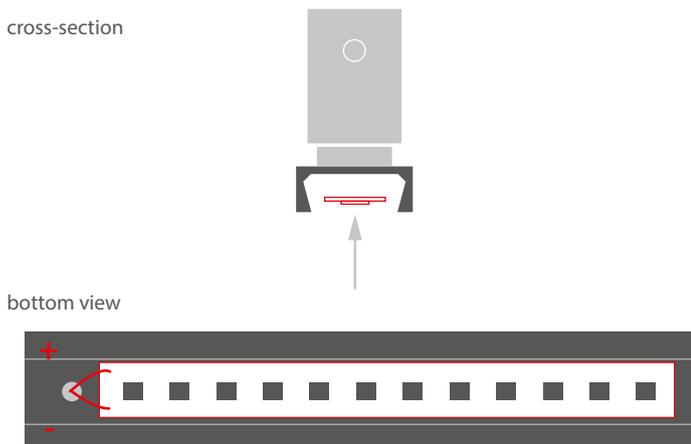
1. Drill a hole with a diameter of 5 mm in the selected extrusion to lead the power cable.



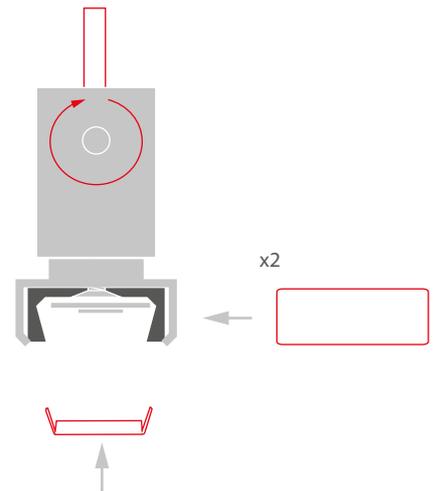
2. Insert the extrusion into the mounting bracket of the head. Manual for the DP-MOC fastener can be downloaded from [here](#).



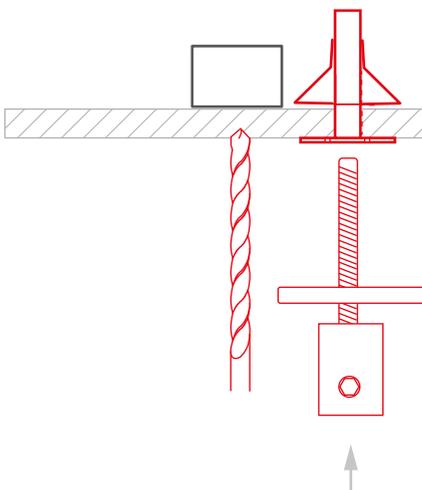
3. Mount the LED strip in the extrusion and lead the cable through a pre-drilled hole.



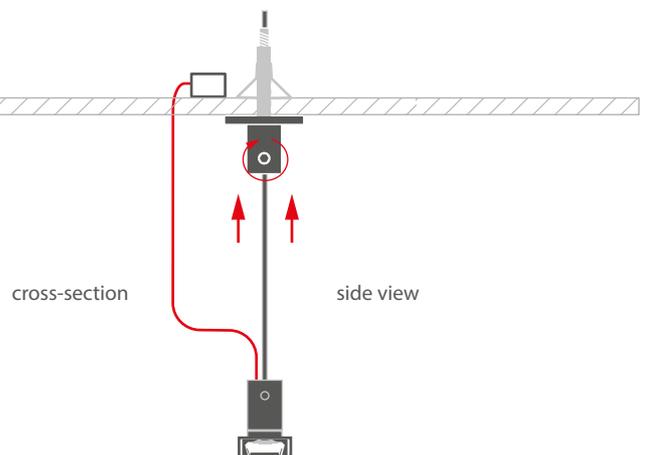
4. Install the rod, cover and both end caps.



5. Install the W-KG ceiling fasteners. The fastener installation manual can be downloaded [here](#). Place the power supplier next to the fastener and drill the ceiling to lead the cable to it.

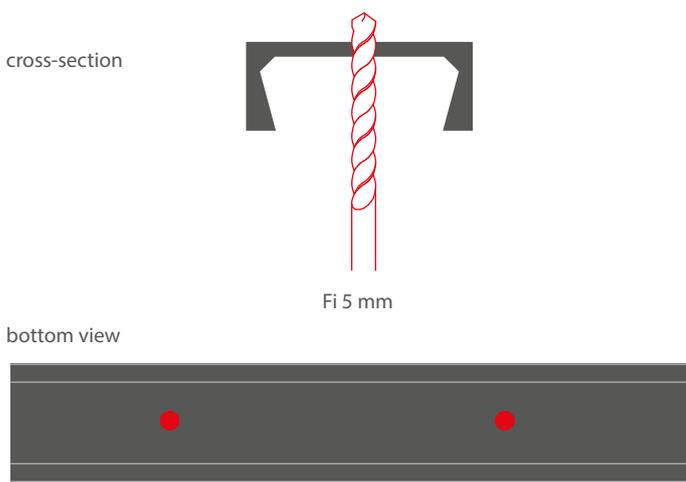


6. Mount the fixture with rods into the ceiling fasteners. Connect the powering cable.

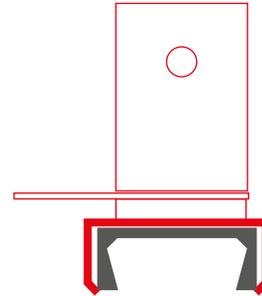


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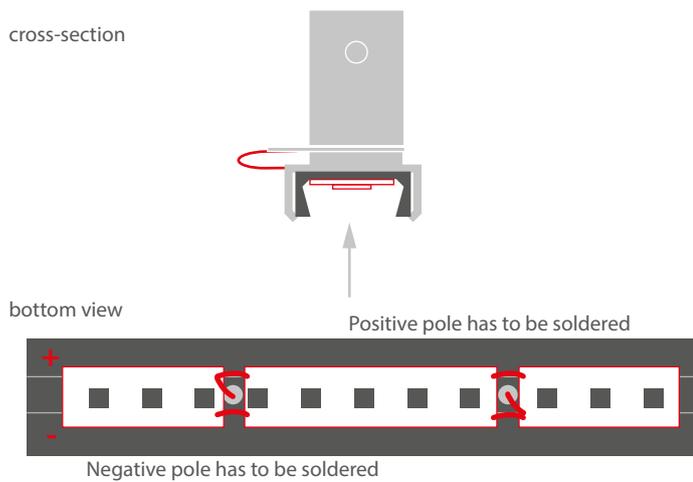
1. Drill 2 holes with a diameter of 5 mm in the selected extrusion to lead the power cables.



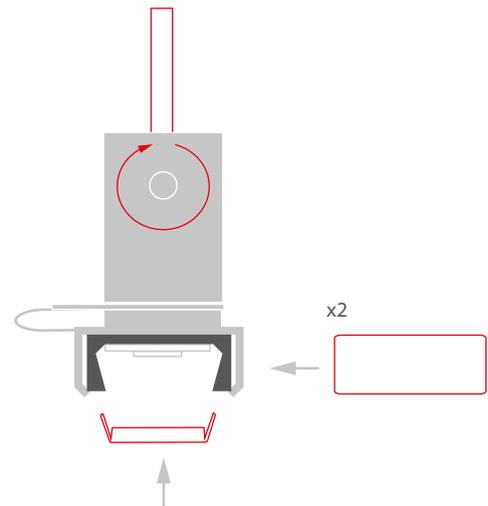
2. Insert the extrusion into the mounting bracket of the head. Manual for the DP-MOC-ZZ fastener can be downloaded [here](#).



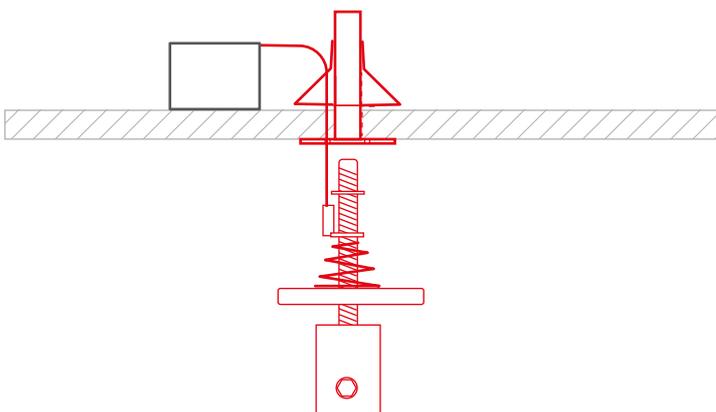
3. Mount the LED strip in the extrusion and lead the cables through pre-drilled smaller holes. Then lead them to the connectors of the DP-MOC-ZZ fasteners. Each hole should lead a cable with one power pole, LED strip has to be cut before installation, so the wires can be easily routed to the holes.



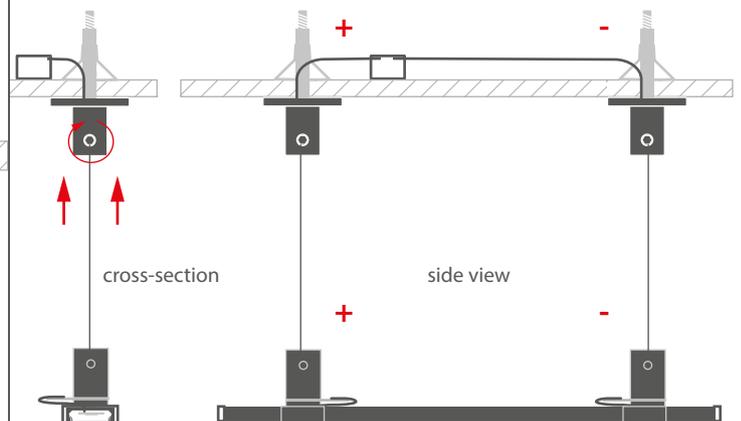
4. Install the rod, cover and both end caps.



5. Install the W-KG-Z ceiling fasteners. The fastener installation manual can be downloaded [here](#). Connect the cables, each for the single power pole to the fasteners. The cables should go through a pre-drilled hole just under the masking cover of the fastener.

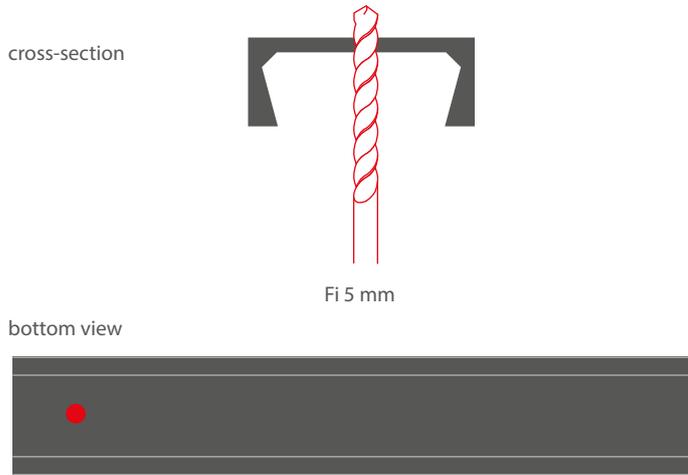


6. Mount the fixture with rods into the ceiling fasteners. Mind that the power poles connected to the rods should match the ones connected to the fasteners.

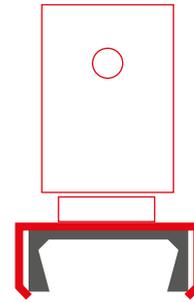


*If fully built fixtures are ordered and received from KLUS please skip to step 5

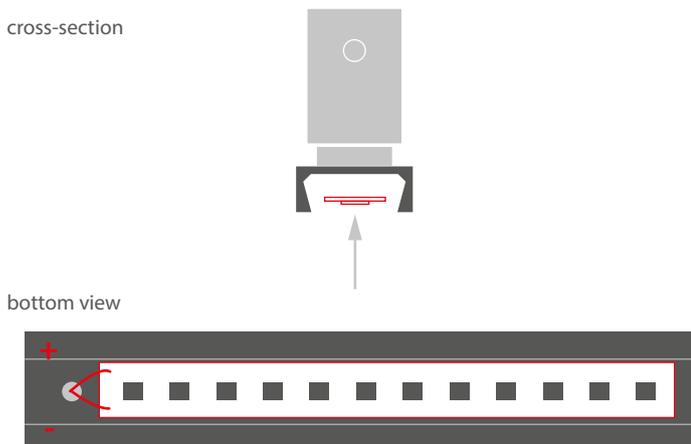
1. Drill a hole with a diameter of 5 mm in the selected extrusion to lead the power cable.



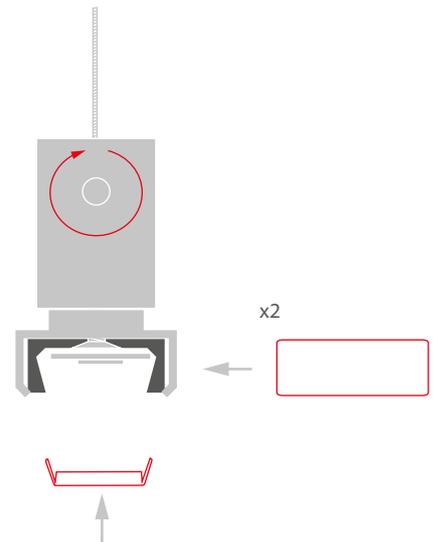
2. Insert the extrusion into the mounting bracket of the head. Manual for the DP-MOC fastener can be downloaded [here](#).



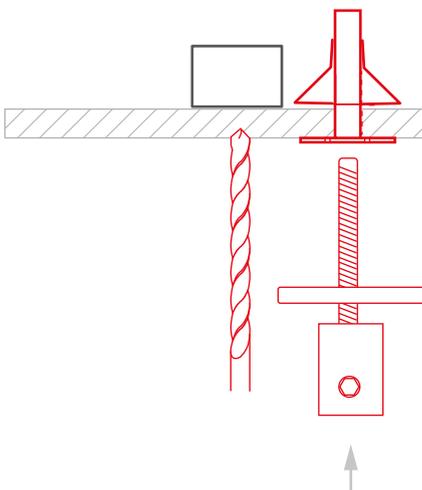
3. Mount the LED strip in the extrusion and lead the cable through a pre-drilled hole.



4. Install the steel wire, cover and both end caps.



5. Install the W-KG ceiling fasteners. The fastener installation manual can be downloaded [here](#). Place the power supplier next to the fastener and drill the ceiling to lead the cable to it.



6. Mount the fixture with rods into the ceiling fasteners. Connect the powering cable.

