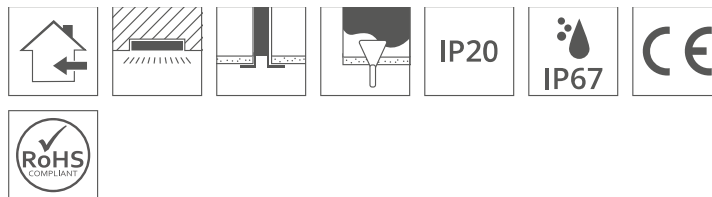
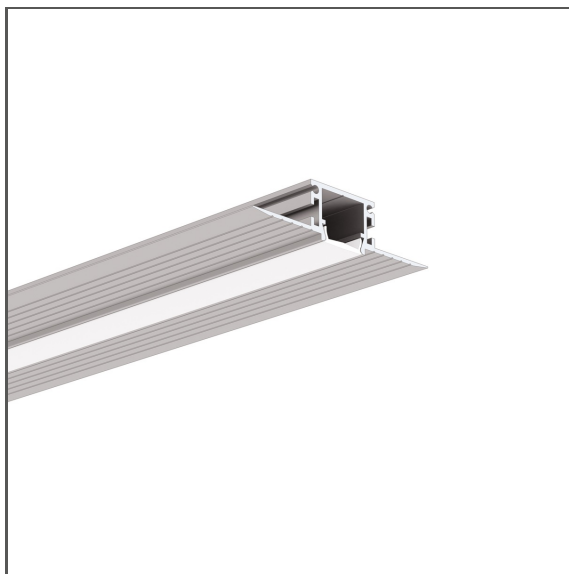


Profile KOZMA

Ref. 18040



- Mounting to drywall
- No collision with the ceiling structure
- Line of light flush with the surface
- Non visible aluminum elements

APPLICATION

- main and decorative lighting

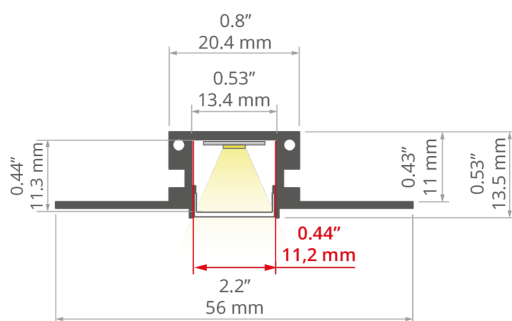
MONTAGE

- in drywall, with mounting adhesive
- can be easily connected into runs

ADDITIONAL INFORMATION

- in order to protect the lighting fixture during installation, a TECH-KA protective insert should be used

TECHNICAL DRAWING



TECHNICAL SPECIFICATIONS

Material	aluminum	Length	Ref
Color	■ silver non anodized	1000 mm	18040NA_1
With the possibility of sealing up to IP	20, 67	2005 mm	18040NA_2
Possible shapes of the luminaire	polygonal	3010 mm	18040NA_3
LED gluing width A	11 mm		
Number of LED strips A (8 mm wide)	1		
Width	56 mm		
The cover is cut to the length of the profile	yes		
Can be easily connected into runs	yes		
Main lighting	yes		
Decorative lighting	yes		
Mounting to drywall	yes		

Profile KOZMA

Ref. 18040



To cover with plaster yes

Wire out back of extrusion yes

SAMPLE PROJECTS



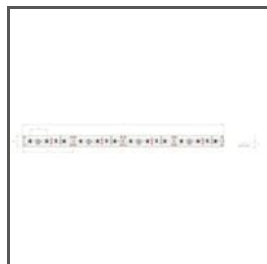
COVERS

NAME	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
KA		63	<input type="checkbox"/> frosted	17035
		91	<input checked="" type="checkbox"/> clear	17036
KA-PRO		67	<input type="checkbox"/> frosted	17064
		94	<input checked="" type="checkbox"/> clear	17065
HS		73	<input type="checkbox"/> frosted	1369
		94	<input checked="" type="checkbox"/> clear	1370
KA-COM		70	<input type="checkbox"/> frosted	17121
		93	<input checked="" type="checkbox"/> clear	17122
LIGER		70	<input type="checkbox"/> frosted	17037
		17037OP		
32	<input checked="" type="checkbox"/> black			17040

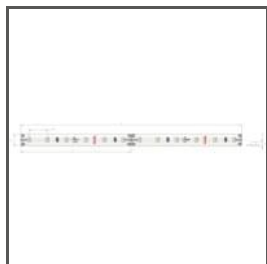
END CAPS

NAME	MATERIAL	COLOR	REF.
KOZMA	PP	<input checked="" type="checkbox"/> gray	24217

LED



K-1210-12V
K-1210-12V



K-1210-24V
K-1210-24V



K-1220-12V
K-1220-12V



K-1220-24V
K-1220-24V



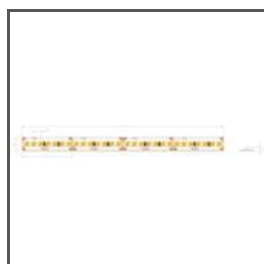
K-1275-12V
K-1275-12V



K-1275-24V
K-1275-24V



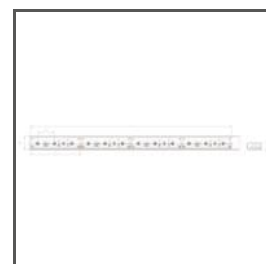
K-1820-HD-24V
K-1820-HD-24V



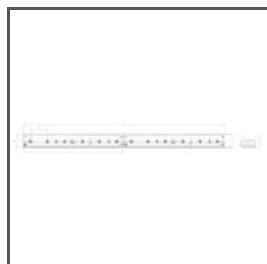
K-1910-HD-24V
K-1910-HD-24V



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



WP-K-1210-12V
WP-K-1210-12V



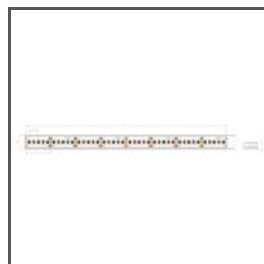
WP-K-1210-24V
WP-K-1210-24V



WP-K-1220-12V
WP-K-1220-12V



WP-K-1220-24V
WP-K-1220-24V



WP-K-1275-12V
WP-K-1275-12V



WP-K-1275-24V
WP-K-1275-24V



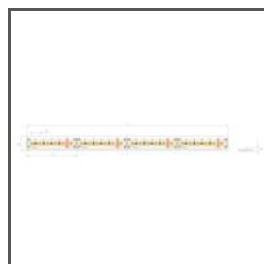
WP-K-1910-HD-IP65-24V
WP-K-1910-HD-IP65-24V



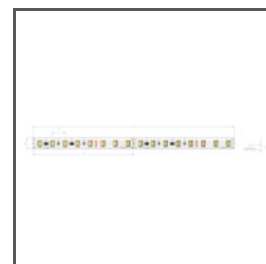
WP-K-1220-IP65-12V
WP-K-1220-IP65-12V



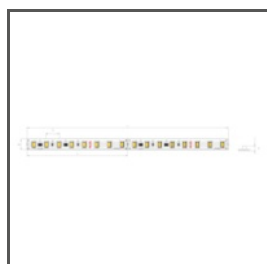
WP-K-1220-IP65-24V
WP-K-1220-IP65-24V



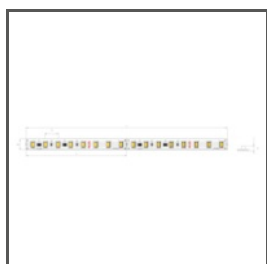
K-LR-1000-24V
K-LR-1000-24V



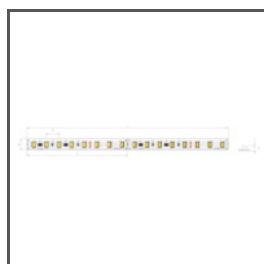
K-HE-0480-HD-24V
K-HE-0480-HD-24V



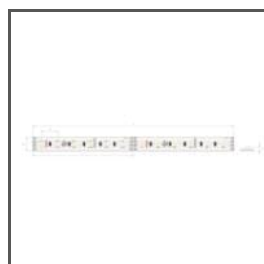
K-HE-0960-HD-24V
K-HE-0960-HD-24V



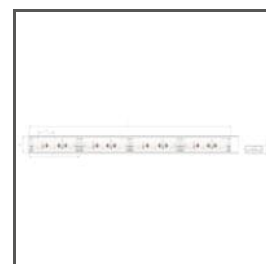
K-HE-1440-HD-24V
K-HE-1440-HD-24V



K-HE-1920-HD-24V
K-HE-1920-HD-24V



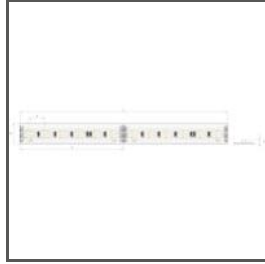
K-1275-RGB-24V
K-1275-RGB-24V



WP-K-1275-RGB-12V
WP-K-1275-RGB-12V



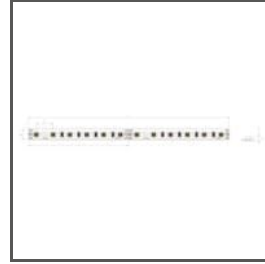
K-1530-RGB+W-24V
K-1530-RGB+W-24V



K-1920-120-RGB-24V
K-1920-120-RGB-24V



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



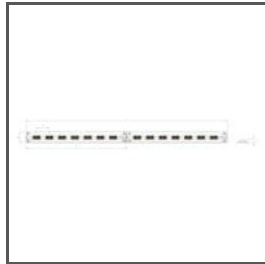
K-27/65-1920-24V
K-27/65-1920-24V



WP-K-27/65-1920-24V
WP-K-27/65-1920-24V



K-22/50-1728-24V
K-22/50-1728-24V



K-30/18-1770-24V
K-30/18-1770-24V

OTHER ACCESSORIES



CONNECTOR
ZM-NA-90
42723



CONNECTOR
ZM-NA-120
42729



CONNECTOR
ZM-NA-135
42725



CONNECTOR
ZM-NA-PION-135
42727



CONNECTOR
ZM-NA-PION-90
42726



CONNECTOR
ZM-NA-45
42339



CONNECTOR
ZM-NA-PION-120
42321



CONNECTOR
ZM-NA-PION-60
42317



CONNECTOR
ZM-NA-PION-45
42315



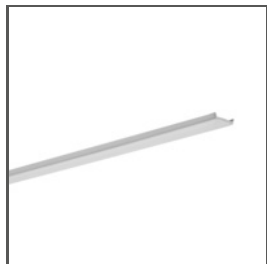
CONNECTOR
ZM-NA-180
42724

Profile KOZMA

Ref. 18040



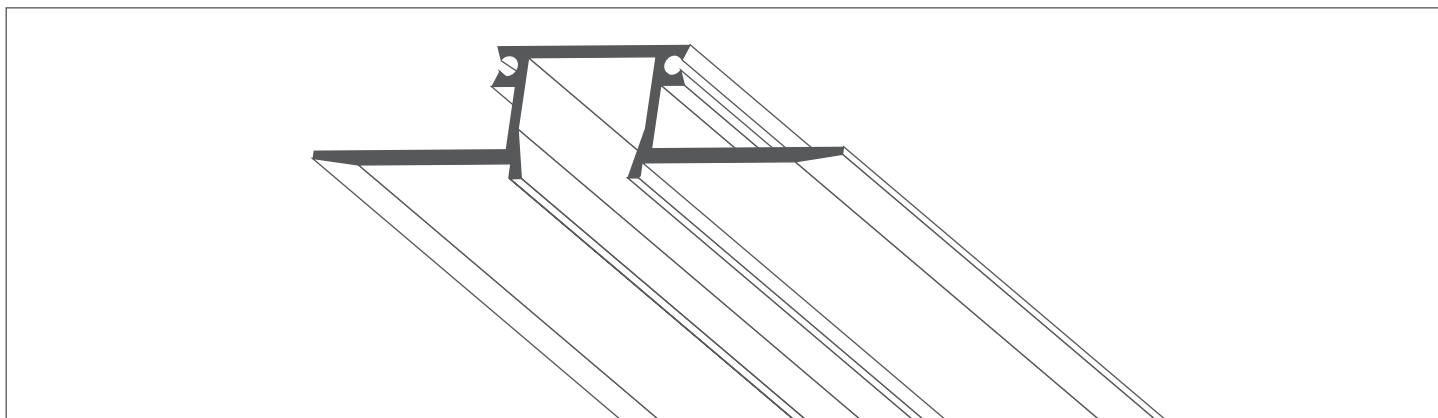
GLAND
6x1,2
00802



PROTECTIVE INSERT
TECH-KA
17123



CONNECTOR
ZM-60
42736



Parts needed to mount the KOZMA extrusion



Extrusion (A)



LED strip (B)



Protective insert (C)



Cover (D)



End cap (E)

Tools needed for mounting:

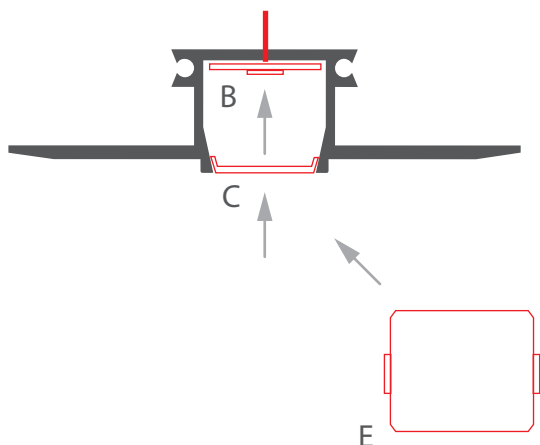
- mounting glue

The **TECH-KA PROTECTIVE INSERT** ensures that the profile slot remains wide enough for the snap-in cover (its use is **NECESSARY** during mounting and finishing works).

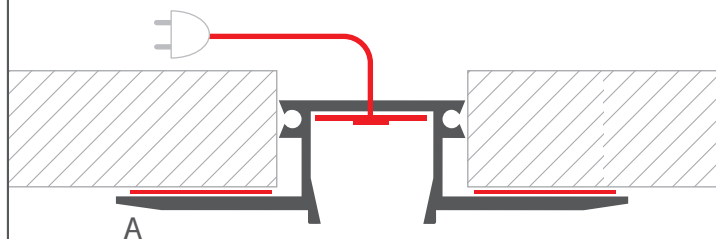
NOTE! All LED strips must be connected to a 12 V or 24 V power supply.

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

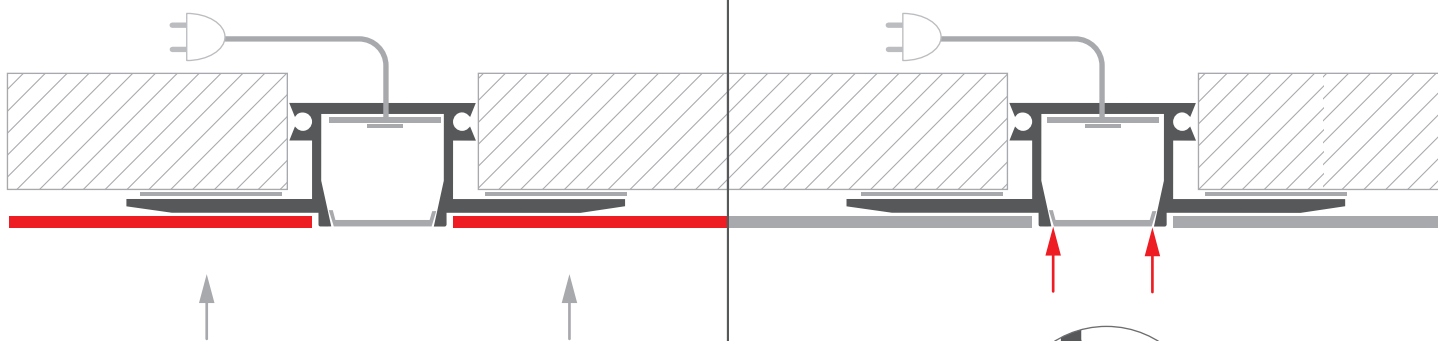
1. Mount the LED strip (B) in the extrusion, lead out the power cable, insert the protective insert (C) and then insert the end caps (E).



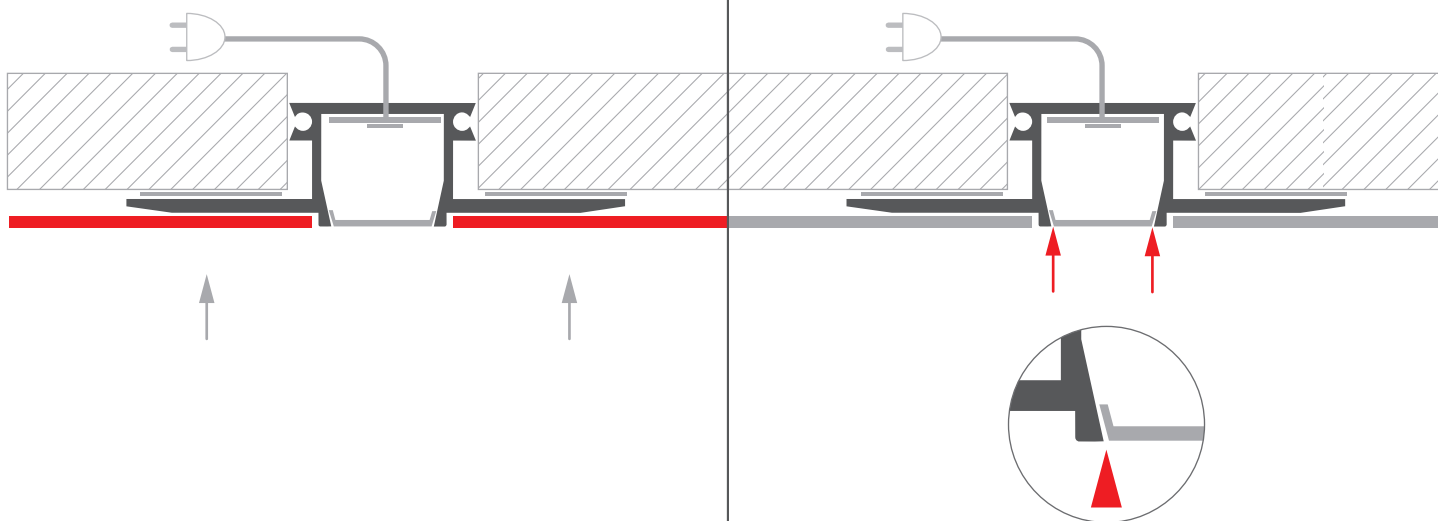
2. Attach the fixture (A) to the ceiling surface and connect the power cable.



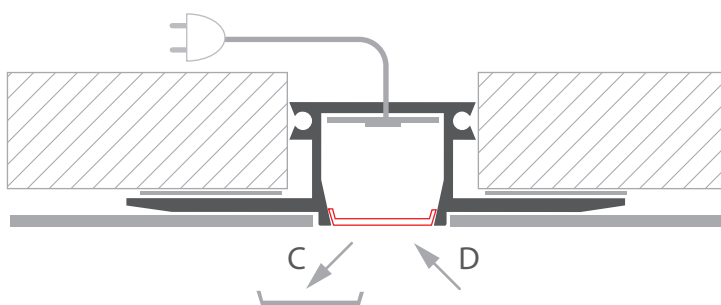
3. Apply a layer of plaster to the extrusion and the ceiling and then paint the surface.



4. Slide a sharp tool between the extrusion and the insert (on both sides of the insert) to cut off the layer of plaster and paint from the cover.



5. Remove the protective insert (C) and then insert the proper cover (D).





Declaration of Conformity

NR 117/22

KLUŚ Sp. z o.o., ul. Słoneczna 126, 05-506 Kolonia Lesznowola hereby declares that the product:

KOZMA

with the following parameters 24V DC, LED, IP20, IP67
is compliant with the provisions of the following EU directive (directives) (including all changes and amendments thereto)

Directive EMC 2014/30/UE
Directive RoHS (UE) 2015/863
Directive EuP 2009/125/WE

and that the following harmonized standards and/or technical documentation were applied:

PN-EN IEC 55015:2019/A11:2020

Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.

PN-EN 61547:2009

Equipment for general lighting purposes. EMC immunity requirements.

PN-EN IEC 61000-3-2:2019/A1:2021

Electromagnetic compatibility (EMC). Part 3-2: Limits. Limits for harmonic current emissions (equipment input current \leq 16 A per phase).

PN-EN 61000-3-3:2013/A1:2019

Electromagnetic compatibility (EMC). Part 3-3: Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current \leq 16 A per phase and not subject to conditional connection.

PN-EN 62471:2010

Photobiological safety of lamps and lamp systems.

PN-EN IEC 63000:2019

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.



KLUŚ Sp. z o.o.

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Kolonia Lesznowola, 01/09/2022

PREZES ZARZĄDU

Sylwester Kluś

last name, first name and position of the person authorized to sign documents on behalf of the manufacturer