KLUŚ® Inspiring Solutions

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
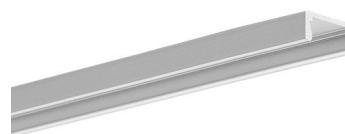
FINISH :

Non anodized (raw)
Silver anodized
Black anodized
White

Fill empty fields

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

More accessories on our page www.klusdesign.com

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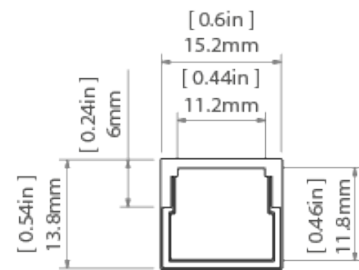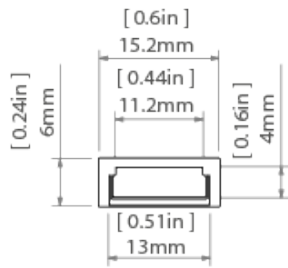
Turn off LED lights during peak day light hours in outdoor applications to avoid excessive heat buildup which will result in diminished LED life.

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).
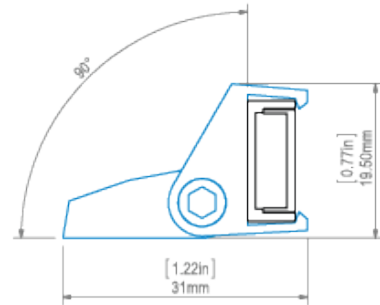
TECHNICAL DRAWING

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[0.6in]
15.2mm

[0.44in]
11.2mm

[0.24in]
6mm

[0.16in]
4mm

[0.51in]
13mm

[0.6in]
15.2mm

[0.44in]
11.2mm

[0.24in]
6mm

[0.54in]
13.8mm

[0.46in]
11.8mm

[0.661in]
16.80mm

[0.366in]
9.30mm

[0.778in]
19.76mm

[0.412in]
10.47mm
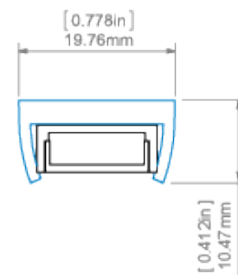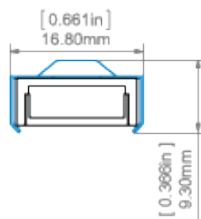
MICRO-ALU extrusion and PDS-STN mounting bracket

MICRO-ALU extrusion and PL-PDM mounting bracket
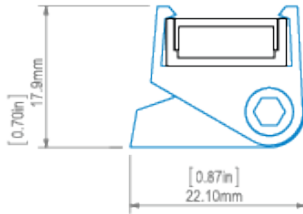
KLUŚ® **Inspiring Solutions**

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

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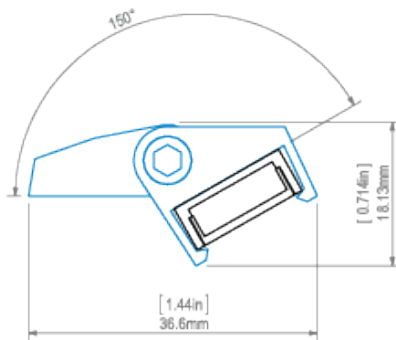
MICRO-ALU extrusion and REG-PD-UV mounting bracket

RELATED PRODUCTS

COVERS

BLACK

LIGER Cover
black
Ref: 17040

90°
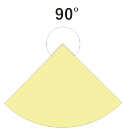
CLEAR COVERS

HS Cover clear
Ref: 1370
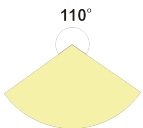
KA-PRO Cover
clear
Ref: 17065
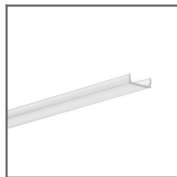
KA Cover clear
Ref: 17036

110°   110°
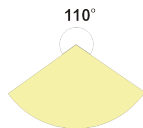
FROSTED COVERS

KA Cover frosted
Ref: 17035
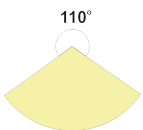
M-K Cover
Ref: 17038
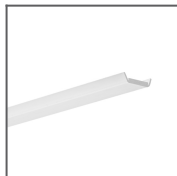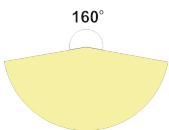
HS Cover frosted
Ref: 1369
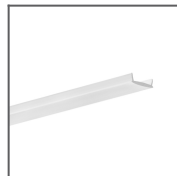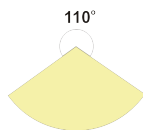
LIGER Cover
frosted
Ref: 17037 (Old
ref. 17031)
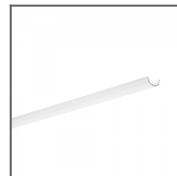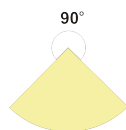
PDS-LUK Cover
Ref: 17076
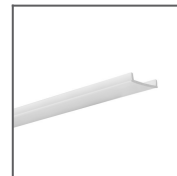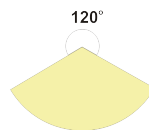
KA-PRO Cover
frosted
Ref: 17064

110°   160°   110°   90°   120°

END CAPS

REGULAR END CAPS
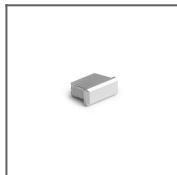
MICRO-ALU MET metalized End cap
Ref: 24062
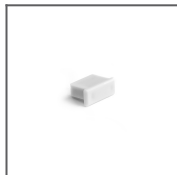
MICRO-ALU grey End cap
Ref: 1058

M-K grey End cap
Ref: 24216

MICRO-ALU black End cap
Ref: 24068
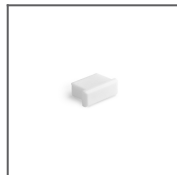
ECO-MICRO-ALU End cap
Ref: 20001

REGULAR END CAPS WITH HOLE

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
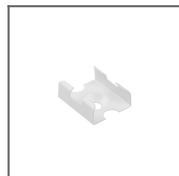
Electricity conductive MICRO-ALU End cap
Ref: 42601

ACCESSORIES

FASTENERS & MOUNTING ACCESSORIES

PIONISA
Mounting
bracket
Ref: 24122
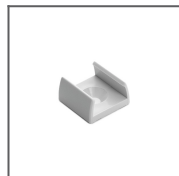
PL-PDM
Mounting
bracket
Ref: 24041

White PDS/
MICRO Mounting
bracket
Ref: 24223

REG-PD-UV
Adjustable
Mounting
bracket
Ref: 24270
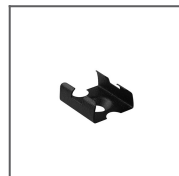
Black PDS/
MICRO Mounting
bracket
Ref: 24189
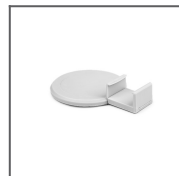
PLANISA
Mounting
bracket
Ref: 24121
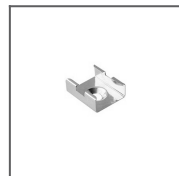
PDS Mounting
bracket
Ref: 1345
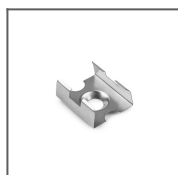
PDS-STN
Mounting
bracket
Ref: 24190

ST Head
Ref: 42216

BZP-ZZ Head
conductive
Ref: 42215

BZP Head
Ref: 42213

ZZ Head
conductive
Ref: 42218

DP-ZZ Fastener
Ref: 00651

DP-MOC
Fastener
Ref: 00645

DP-MOC-ZZ
Fastener
Ref: 00647

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

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

COMPONENTS FOR CONNECTING FIXTURES
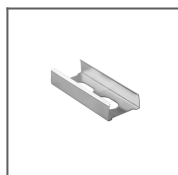
PD-MICRO
Connector
Ref: 42150

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
Ref: 00802

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LED TAPES

HIGH EFFICACY

K-HE-1920-HD-24V
Ref: K-HE-1920-
HD-24V

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

K-HE-1440-HD-24V
Ref: K-HE-1440-
HD-24V

K-HE-0480-HD-24V
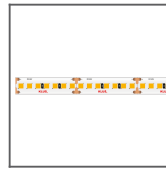Ref: K-HE-0480-
HD-24V

CRI95+
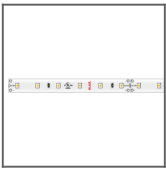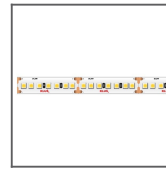

K-CR-1210-24V
Ref: K-
CR-1210-24V

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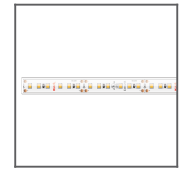Ref: K-
CR-1220-24V

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

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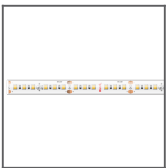HD-24V

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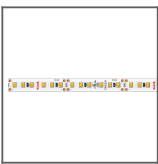Ref: K-CR-1910-
HD-24V

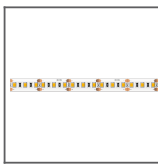WP-K-CR-1210-24V
Ref: WP-K-
CR-1210-24V

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

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

WHITE

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

K-1275-12V
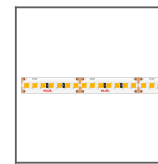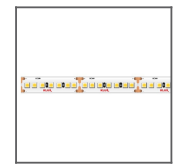Ref: K-1275-12
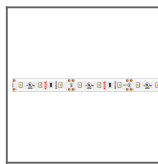
K-1210-12V
Ref: K-1210-12
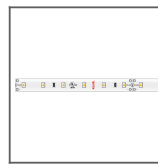
K-1210-24V
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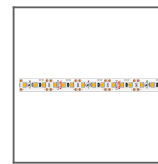
K-1220-12V
Ref: K-1220-12

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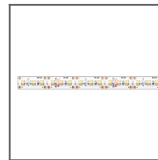Ref: K-1820-HD-24

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

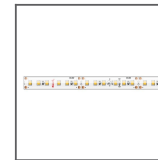K-1275-24V
Ref: K-1275-24

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

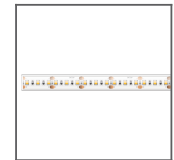

WP-K-1220-12V
Ref: WP-K-1220-12

WP-K-1220-IP65-12V
Ref: WP-K-1220-
IP65-12V

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

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

WP-K-1275-12V
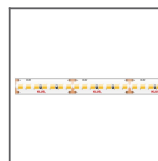Ref: WP-
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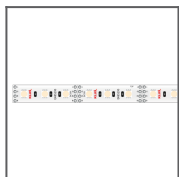Ref: WP-
K-1275-24

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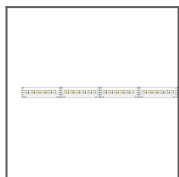

WP-K-1640-HD-IP65-24
Ref: WP-K-1640-HD-
IP65-24

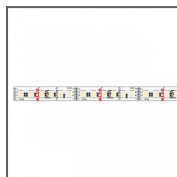WP-K-1910-HD-IP65-24
Ref: WP-K-1910-HD-
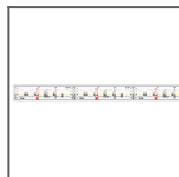IP65-24

RGB/ RGBW

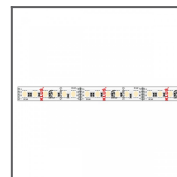
K-1275-RGB-12V
Ref: K-1275-
RGB-12V

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

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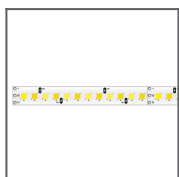Ref: K-1920-120-
RGB-24V

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

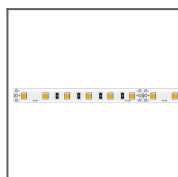K-1200-120-RGB-24V
Ref: K-1200-120-
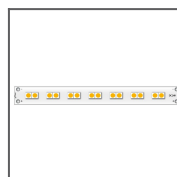RGB-24V

ADJUSTABLE WHITE/ DIM TO WARM

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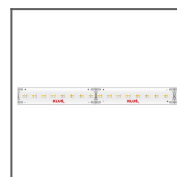Ref:
K-22/50-1728-24V

WP-K-27/65-1920-24V
Ref: WP-
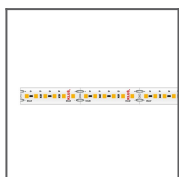K-2765-1920-24V

K-27/65-1920-24V
Ref:
K-2765-1920-24V

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

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

LONG RUN

K-LR-1000-24V
Ref: K-
LR-1000-24

MARKETING MATERIALS

Presentation set 1
Ref: 90051