KLUŚ® | **Inspiring Solutions**

PRODUCT DESCRIPTION

Small dimensions, easily release heat, simple assembly, lightweight, environment friendly.

Patent Number: US D621,091 S

Fixture Certified to NSF 2 standards
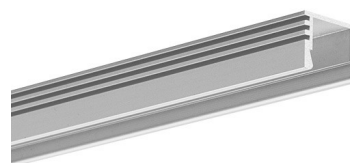when assembled by KLUS

Intertek

Closet Rated

- Designed to reach an IP67 waterproof rating
- Ability to obtain a line of light
- Good heat dissipation
- For multiple applications
- Housing for LED strips up to 0.39' / 10 mm wide

FINISH :

Non anodized (raw)	▨
Silver anodized	☐
Black anodized	■
White	☐

Fill empty fields

Product nr.	
Fixture type	
Company	
Job name	
Date	

TECHNICAL SPECIFICATION

Application

- designed for the construction of lighting fixtures and backlighting luminaires. In furniture, exhibition, interior design elements like stair treads, platforms, shelves, niches, etc.
- can be embedded in narrow grooves
- can be used for external illumination in the sealed version, except for applications where it would be exposed to considerable mechanical forces

Mounting

- can be mounted with appropriately selected mounting adhesives, professional double-sided adhesive tapes, metal and plastic mounting brackets, as well as adjustable mounting brackets

Also it can be mounted to drywall panels with the use of **PDS** mounting spring.

Additional information

- suitable for bending in the plane adjacent to the LED strip
- can be equipped with transparent and frosted covers, aluminum-colored plastic, metalized and conductive end caps
- extrusion can be made waterproof (IP 67) and be used as an outdoor lighting for elevations or architectural elements of gardens
- lighting or illumination of certain areas (stream of light may vary depending on the power of applied LEDs)
- extrusion acts as the connector between the light source and the application area and provides a stylish and finished look
- space for LED strip: 0.40" / 11.2 mm

Extrusion bending

Minimum internal radius	Minimum external radius
150 mm / 5.9"	250 mm / 9.8"

- 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).

Possibility of making a linear fixture with IP65 protection, which means the fixture is dustproof and waterproof in contact with water jets.
Possibility of making a linear fixture with IP67 protection, which means the fixture is dustproof and waterproof.

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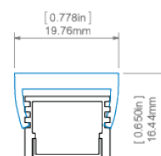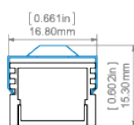
AVAILABLE LENGTHS

Ref. nr.	surface finish	available lengths
B1718NA_1	Non anodized (raw)	39.4"
B1718NA_2	Non anodized (raw)	78.75"
B1718ANODA_1	Silver anodized	39.4"
B1718ANODA_2	Silver anodized	78.75"
B1718ANODA_3	Silver anodized	118.11"
B1718K7_1	Black anodized	39.4"
B1718K7_2	Black anodized	78.75"

Ref. nr.	surface finish	available lengths
B1718K7_3	Black anodized	118.11"
B1718L9010_2	White	78.75"

TECHNICAL DRAWING

0.63"
16mm
0.44"
11.2mm
0.47"
12mm
0.39"
10mm
0.51"
13mm

[0.661in]
16.80mm
[0.602in]
15.30mm
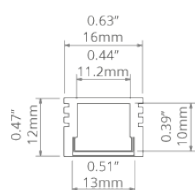
PDS-4-ALU extrusion and PDS-STN mounting bracket

[0.778in]
19.76mm
[0.650in]
16.44mm

PDS-4-ALU extrusion and PL-PDM mounting bracket
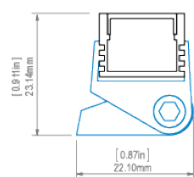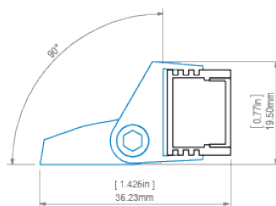
[0.91in]
23.14mm
[0.87in]
22.10mm

PDS-4-ALU extrusion and REG-PD-UV mounting bracket

90°
[0.77in]
19.50mm
[1.426in]
36.23mm

PDS-4-ALU extrusion and REG-PD-UV mounting bracket

150°
[0.893in]
22.68mm
[1.535in]
39mm
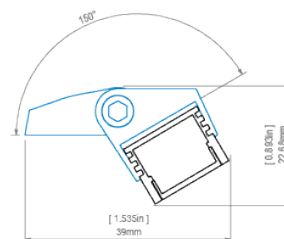
PDS-4-ALU extrusion and REG-PD-UV mounting bracket

RELATED PRODUCTS

COVERS

BLACK
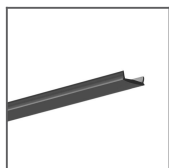
LIGER Cover
black
Ref: 17040

90°

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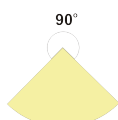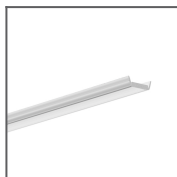
CLEAR COVERS

HS Cover clear
Ref: 1370

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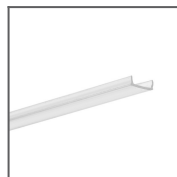
KA Cover clear
Ref: 17036

50°
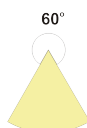
60°

FROSTED COVERS
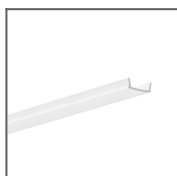
KA Cover frosted
Ref: 17035
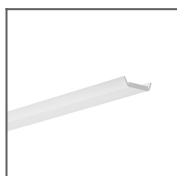
HS Cover frosted
Ref: 1369
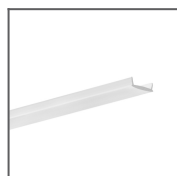
LIGER Cover frosted
Ref: 17037 (Old ref. 17031)
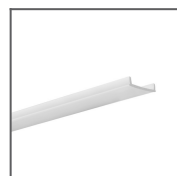
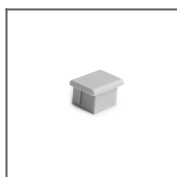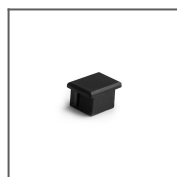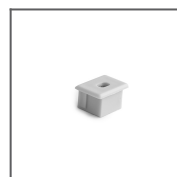KA-PRO Cover frosted
Ref: 17064
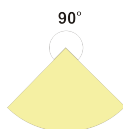
90°
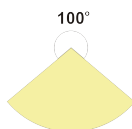
100°
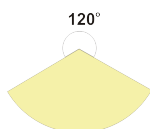
120°

END CAPS

REGULAR END CAPS
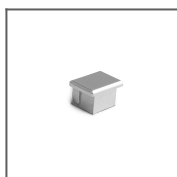
PDS4-MET metalized End cap
Ref: 24061

PDS4-ALU grey End cap
Ref: 1056

PDS4-ALU black End cap
Ref: 24066

PDS4-ALU grey End cap with hole
Ref: 1057

ECO-PDS4 End cap with hole
Ref: 21002

MICRO SWITCH END CAPS

ECO-MW-PDS4 End cap
Ref: 22002

MW-PDS4-ALU grey End cap
Ref: 00026

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MICRO SWITCH END CAPS WITH HOLE

MW-PDS4-ALU
grey End cap
with hole
Ref: 00027

ELECTRICITY CONDUCTIVE END CAPS

Electricity
conductive
PDS4-ALU End
cap
Ref: 1407

ACCESSORIES

FASTENERS & MOUNTING ACCESSORIES

REG-PD-UV
Adjustable
Mounting
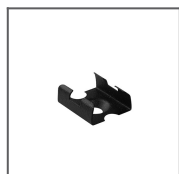bracket
Ref: 24270
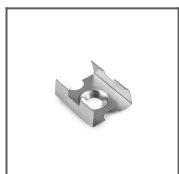
PDS-STN
Mounting
bracket
Ref: 24190
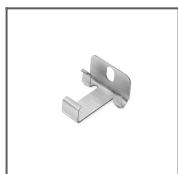
PDS-STN-90D
Mounting
bracket
Ref: 24367
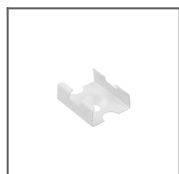
White PDS/
MICRO Mounting
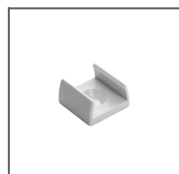bracket
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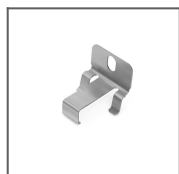
PDS-STN-90G
Mounting
bracket
Ref: 24370

Black PDS/
MICRO Mounting
bracket
Ref: 24189

PL-PDM
Mounting
bracket
Ref: 24041

ST Head
Ref: 42216

BZP Head
Ref: 42213

BZP-ZZ Head
conductive
Ref: 42215

ZZ Head
conductive
Ref: 42218

DP-ZZ Fastener
Ref: 00651
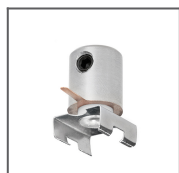
DP-MOC-ZZ
Fastener
Ref: 00647

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

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COMPONENTS FOR CONNECTING FIXTURES
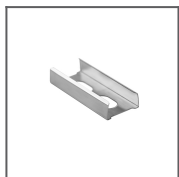
PD-MICRO
Connector
Ref: 42150

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

6.4x1.6 Gland
Ref: 00802L

LED TAPES

HIGH EFFICACY

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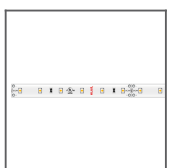Ref: K-HE-1920-HD-24V

K-HE-0960-HD-24V
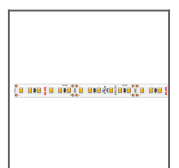Ref: K-HE-0960-HD-24V
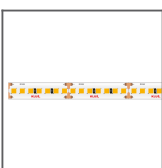
K-HE-1440-HD-24V
Ref: K-HE-1440-HD-24V

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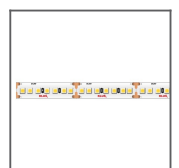
K-CR-1910-HD-24V
Ref: K-CR-1910-HD-24V

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

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

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WP-K-CR-1275-24V
Ref: WP-K-
CR-1275-24V
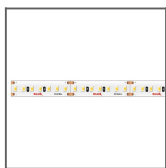
K-CR-0530-HD-24V
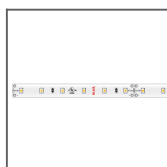Ref: K-CR-0530-
HD-24V

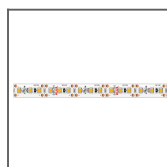## WHITE

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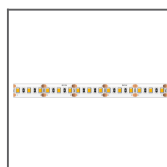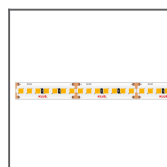
K-1275-12V
Ref: K-1275-12
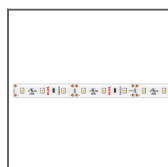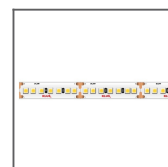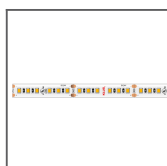
K-1210-12V
Ref: K-1210-12

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

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

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

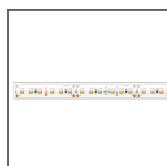K-1910-HD-24V
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HD-24

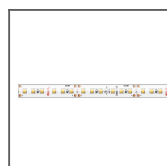K-1275-24V
Ref: K-1275-24

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

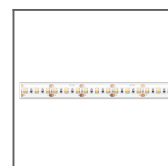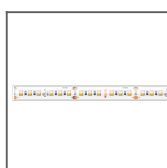K-0530-HD-24V
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WP-K-1220-12V
Ref: WP-
K-1220-12

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

WP-K-1220-IP65-24V
Ref: WP-K-1220-
IP65-24V
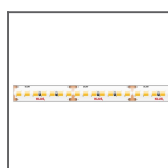
WP-K-1275-12V
Ref: WP-
K-1275-12
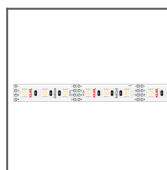
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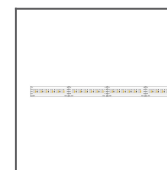K-1275-24

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

WP-K-1910-HD-IP65-24
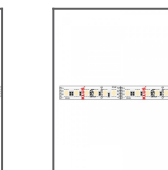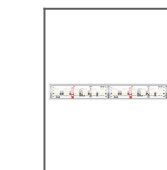Ref: WP-K-1910-HD-
IP65-24
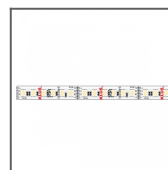
RGB/ RGBW

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

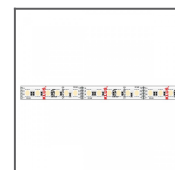K-1530-RGB+W-24V
Ref: K-1530-
RGB+W-24V

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

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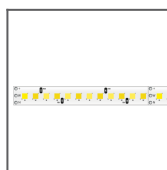Ref: WP-K-1920-120-
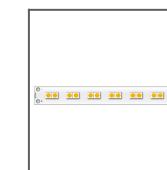RGB-24V

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

K-0700-120-RGB-24V
Ref: K-0700-120-
RGB-24V

ADJUSTABLE WHITE/ DIM TO WARM

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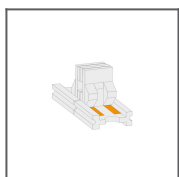Ref:
K-22/50-1728-24V

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

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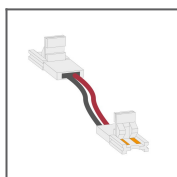K-30/18-1770-010V-24V
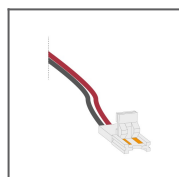
LONG RUN

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

WHITE LED STRIP CONNECTORS

C1-0W
Ref: C1-0W

C2-1.5W
Ref: C2-1.5W

C3-6W
Ref: C3-6W

MARKETING MATERIALS

Presentation set
1
Ref: 90051