

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 KLUŠ

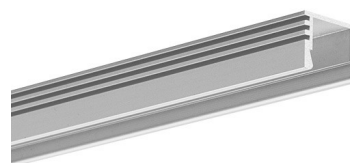


Closet Rated

- 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 
- RAL 



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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.

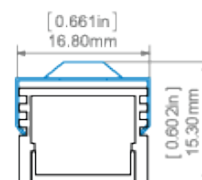
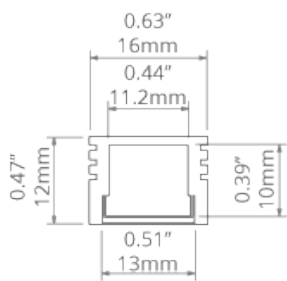
Line of Light Chart

- ✓ = Line of Light
X = Visible dotting

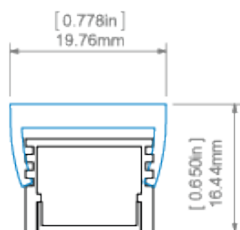
Extrusion:	Tape Series:	FC: HS Frosted / Extrusion specific frosted	LC: Liger Cover	BC: Black Cover	KA: KA frosted	KA-PRO: KA-PRO frosted
PDS4-ALU						

	1210	X	X	X	X	X
	1220	X	X	X	X	X
	1275	X	✓	X	X	X
	0530	✓	✓	✓	X	✓
	1910	✓	✓	✓	X	✓
	1820	✓	✓	✓	X	✓

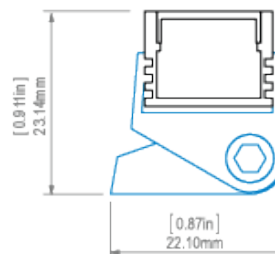
TECHNICAL DRAWING



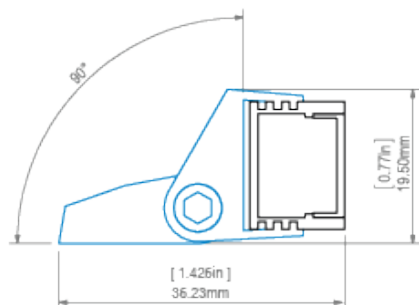
PDS-4-ALU extrusion and PDS-STN mounting bracket



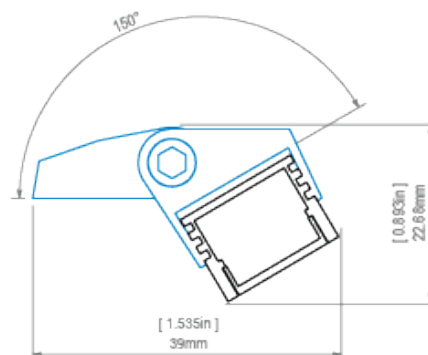
PDS-4-ALU extrusion and PL-PDM mounting bracket



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



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

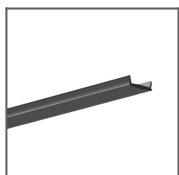


PDS-4-ALU extrusion and REG-PD-UV mounting bracket

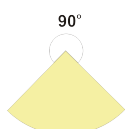
RELATED PRODUCTS

COVERS

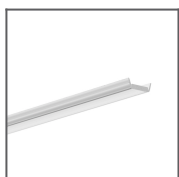
BLACK



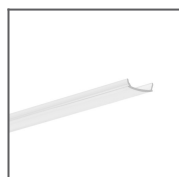
LIGER Cover
black
Ref: 17040



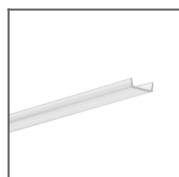
CLEAR COVERS



HS Cover clear
Ref: 1370



KA-PRO Cover
clear
Ref: 17065



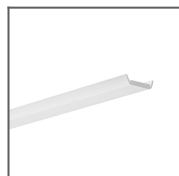
KA Cover clear
Ref: 17036



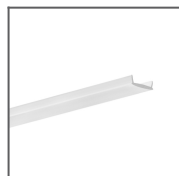
FROSTED COVERS



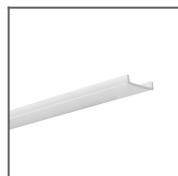
KA Cover frosted
Ref: 17035



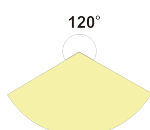
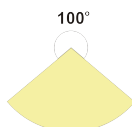
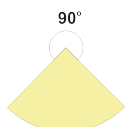
HS Cover frosted
Ref: 1369



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

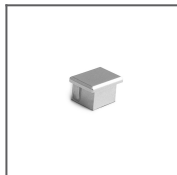


KA-PRO Cover
frosted
Ref: 17064



END CAPS

REGULAR END CAPS



PDS4-MET
metalized End
cap
Ref: 24061

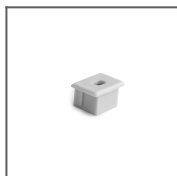


PDS4-ALU grey
End cap
Ref: 1056

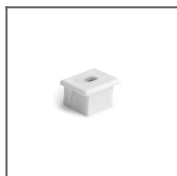


PDS4-ALU black
End cap
Ref: 24066

REGULAR END CAPS WITH HOLE

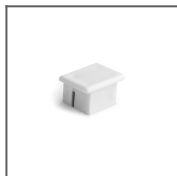


PDS4-ALU grey
End cap with
hole
Ref: 1057

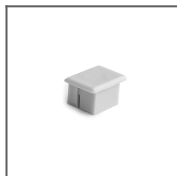


ECO-PDS4 End
cap with hole
Ref: 21002

MICRO SWITCH END CAPS



ECO-MW-PDS4
End cap
Ref: 22002



MW-PDS4-ALU
grey End cap
Ref: 00026

MICRO SWITCH END CAPS WITH HOLE



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

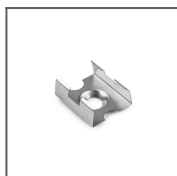
ELECTRICITY CONDUCTIVE END CAPS



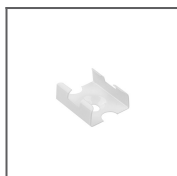
Electricity
conductive
PDS4-ALU End
cap
Ref: 1407

ACCESSORIES

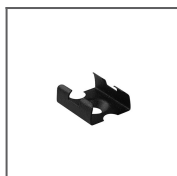
FASTENERS & MOUNTING ACCESSORIES



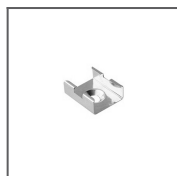
PDS-STN
Mounting
bracket
Ref: 24190



White PDS/
MICRO Mounting
bracket
Ref: 24223



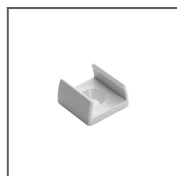
Black PDS/
MICRO Mounting
bracket
Ref: 24189



PDS Mounting
bracket
Ref: 1345



REG-PD-UV
Adjustable
Mounting
bracket
Ref: 24270



PL-PDM
Mounting
bracket
Ref: 24041



ST Head
Ref: 42216



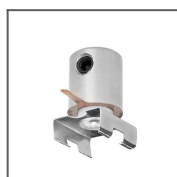
ZZ Head
conductive
Ref: 42218



BZP-ZZ Head
conductive
Ref: 42215



BZP Head
Ref: 42213



DP-MOC-ZZ
Fastener
Ref: 00647



DP-MOC
Fastener
Ref: 00645



DP-ZZ Fastener
Ref: 00651

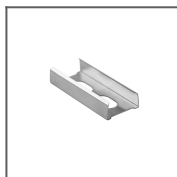


FI-8-LIN-MR
Fastener silver
Ref: 42287



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



6.4x1.6 Gland
Ref: 00802L

LED TAPES

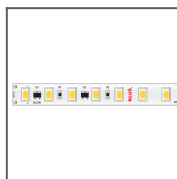
HIGH EFFICACY



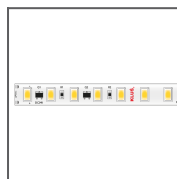
K-HE-1920-HD-24V
Ref: K-HE-1920-
HD-24V



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

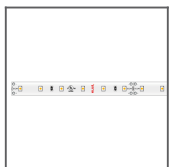


K-HE-1440-HD-24V
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HD-24V



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

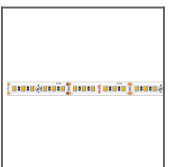
CRI95+



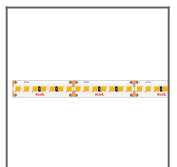
K-CR-1210-24V
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CR-1210-24V



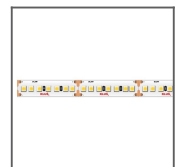
K-CR-1220-24V
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CR-1220-24V



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



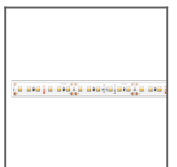
K-CR-1820-HD-24V
Ref: K-CR-1820-
HD-24V



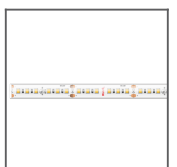
K-CR-1910-HD-24V
Ref: K-CR-1910-
HD-24V



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

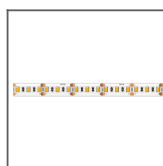
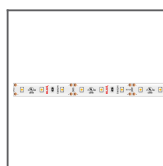
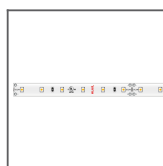


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Ref: WP-K-
CR-1220-24V

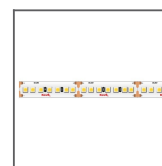


WP-K-CR-1275-24V
Ref: WP-K-
CR-1275-24V

WHITE

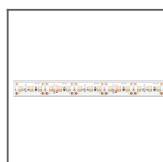
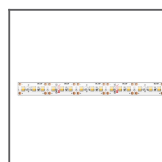

K-1220-24V
Ref: K-1220-24

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

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

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

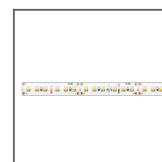
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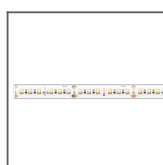
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HD-24

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

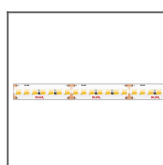
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WP-K-1210-12V
Ref: WP-
K-1210-12

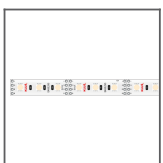
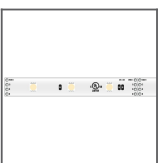
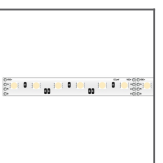
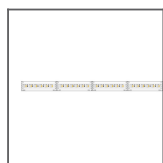
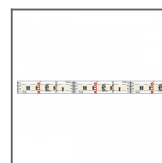
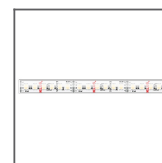
K-0530-HD-24V
Ref: K-0530-
HD-24

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

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

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

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

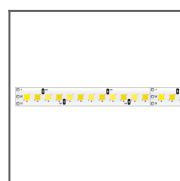
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K-1275-12

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

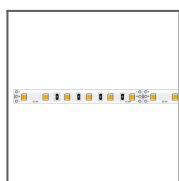
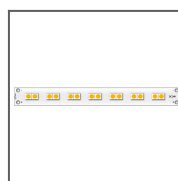
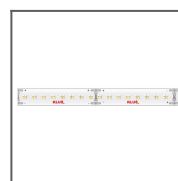
WP-K-1210-24V
Ref: WP-
K-1210-24

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

RGB/ RGBW

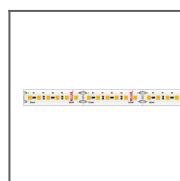

K-1275-RGB-24V
Ref: K-1275-
RGB-24V

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

K-1225-RGB-12V
Ref: K-1225-
RGB-12V

K-1225-RGB-24V
Ref: K-1225-
RGB-24V

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

ADJUSTABLE WHITE/ DIM TO WARM

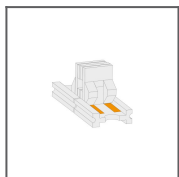

K-22/50-1728-24V
Ref:
K-22/50-1728-24V

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

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

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

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

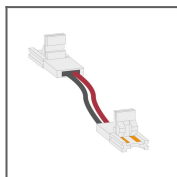
LONG RUN


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

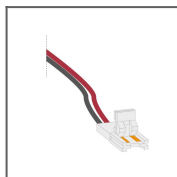
WHITE LED STRIP CONNECTORS



C1-0W
Ref: C1-0W



C2-1.5W
Ref: C2-1.5W



C3-6W
Ref: C3-6W

MARKETING MATERIALS



Presentation set
1
Ref: 90051