PROUD SUPPLIER OF **KLUŚ**

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

Patent Number: US D621,091 S

Fixture Certified to NSF 2 standards
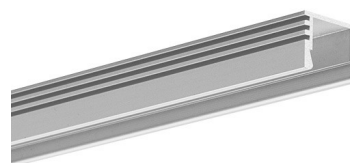when assembled by KLUS

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

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

Assembly

- 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 <u>PDS</u> 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
- spece for LED strip: 0.40" / 11.2 mm

Extrusion bending

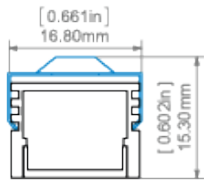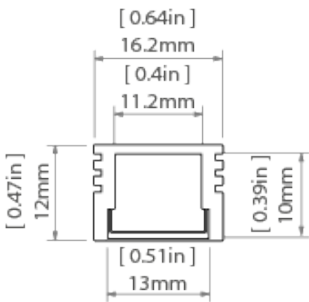| Minimum internal radius	Minimum external radius
150 mm / 5.9"	250 mm / 9.8"

- 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.
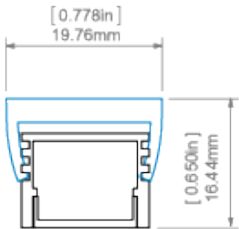
Possibility of making a linear fixture with IP67 protection, which means the fixture is dustproof and waterproof.

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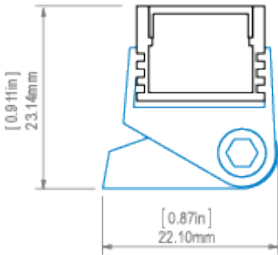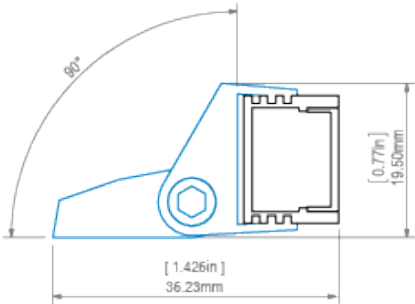
TECHNICAL DRAWING

[0.64in]
16.2mm

[0.4in]
11.2mm

[0.47in]
12mm

[0.39in]
10mm

[0.51in]
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

[0.91in]
23.14mm

[0.87in]
22.10mm

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

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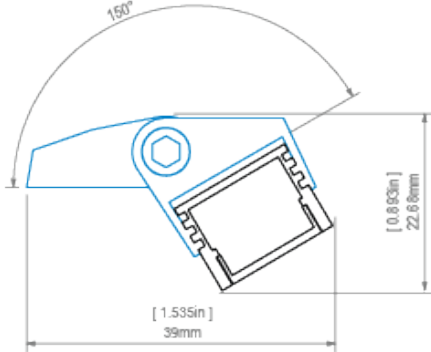
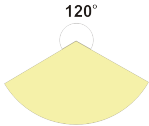PDS-4-ALU extrusion and REG-PD-UV mounting bracket

RELATED PRODUCTS

COVERS

HS Cover clear
Ref: 1370
Ecolocity SKU:
EX-KL1-OC

50°

HS Cover frosted
Ref: 1369
Ecolocity SKU:
EX-KL1-OF

100°

KA Cover clear
Ref: 17036

90°

KA Cover frosted
Ref: 17035

KA-PRO Cover
clear
Ref: 17065
Ecolocity SKU:
EX-KL1-CL

60°

KA-PRO Cover
frosted
Ref: 17064
Ecolocity SKU:
EX-KL1-FR

LIGER Cover
black
Ref: 17040
Ecolocity SKU:
EX-KL1-BLK

90°

LIGER Cover
frosted
Ref: 17037
Ecolocity SKU:
EX-KL1-FRX

120°

END CAPS

ECO-MW-PDS4
End cap
Ref: 22002

ECO-PDS4-OTW
End cap
Ref: 21002

Electricity
conductive
PDS4-ALU End
cap
Ref: 1407

MW-PDS4-ALU
End cap
Ref: 00026

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

PDS4-ALU End
cap
Ref: 1056

PDS4-ALU End
cap
Ref: 24066

PDS4-ALU End
cap with hole
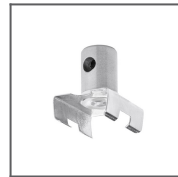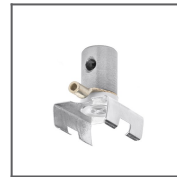Ref: 1057

PDS4-MET End
cap
Ref: 24061

ACCESSORIES

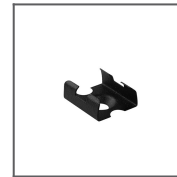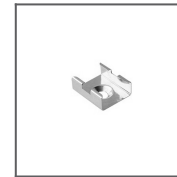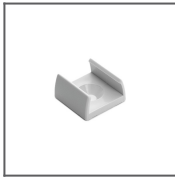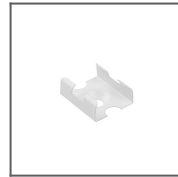|			
BZP Head Ref: 42213	BZP-ZZ Head conductive Ref: 42215	ST Head Ref: 42216	ZZ Head conductive Ref: 42218
Black PDS/ MICRO Mounting bracket Ref: 24189	PDS Mounting bracket Ref: 1345	PDS-STN Mounting bracket Ref: 24190	

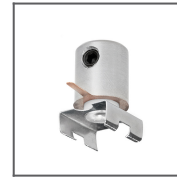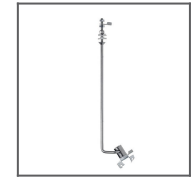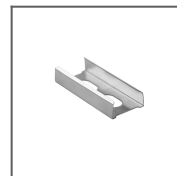|			
PL-PDM Mounting bracket Ref: 24041	REG-PD-UV Adjustable Mounting bracket Ref: 24270	White PDS/ MICRO Mounting bracket Ref: 24223	DP-MOC Fastener Ref: 00645
DP-MOC-ZZ Fastener Ref: 00647	DP-ZZ Fastener Ref: 00651	M14 Mounting set Ref: 42612	

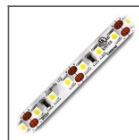|			
M3 Mounting set Ref: 42303	M4 Mounting set Ref: 42301	M5 Mounting set Ref: 42302	PD-MICRO Connector Ref: 42150
6.4x1.6 Gland Ref: 00802L	6x1.2 Gland Ref: 00802		

LED TAPES

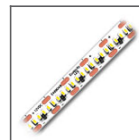|						
Ribbon Star	Ribbon Star Flex	Ribbon Star Max	Ribbon Star SlimLux	Ribbon Star Ultra	Ribbon Star Supreme	Ribbon Star RGB