Profile PDS-4-ALU

Ref. A01718



KEY FEATURES

- Wide range of accessories
- Good heat dissipation
- Small bending radius
- Continuous lighting angle adjustment

APPLICATION

main, furniture and functional lighting

MOUNTING

to the surface, suspended or recessed, using dedicated accessories, properly selected screws, with double-sided adhesive tape or mounting adhesive easy assembly and disassembly by snapping in and out

ADDITIONAL INFORMATION

- when choosing a different length of profiles / covers than available in the standard, you should additionally choose the cutting service at KLUŚ

Standard lengths of KLUŚ profiles and covers: 1000 mm (tolerance ± 1.5 mm) and 2005 mm / 3010 mm (tolerance + 5 mm); for selected covers: 6050 mm, 10050 mm (tolerance + 5 mm)

IP PROTECTION RATING

IP20 | IP65 | IP67

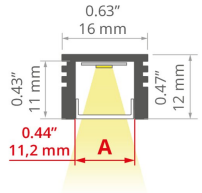
MOUNTING METHOD

Surface mounted

SPECIAL FEATURES

Possibility of bending

TECHNICAL DRAWING



AVAILABLE COLOURS

LENGTH	REF
2005 mm	A01718N_2
3010 mm	A01718N_3

TECHNICAL SPECIFICATIONS

Material	aluminum
Color	silver non anodized
Possible fixture IP	20, 65, 67
Possible fixture shapes	linear, round
Profile cross-section	rectangular
Width	16 mm
Height	12 mm
LED gluing width A	11.2 mm
Max. number of LED strips A (8 mm wide)	1
Width of the glow	11.2 mm
Max power of a single KLUŚ LED strip	24 W/m
Lighting angle adjustment from	0
Lighting angle adjustment up to	360
Closet Rated	yes
Possibility of obtaining a line of light	yes
Possibility of bending	yes
Inward	150 mm
Outdoor	350 mm
Building type	Commercial, HoReCa object, Retail, Residential, Entertainment/ Arts, Outdoor
Facility zone	office, kitchen, bathroom, cove / perimeter, fascade lighting, stairs / hallways, under-cabinet / furniture, outdoor spaces
Easy assembly and disassembly by snapping in and out	yes
Wire out end cap	yes
Wire out back of extrusion	yes

RELATED ACCESSORIES > COVERS

NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
Cover LIGER-11	- hight light quality - Ease of obtaining a line of light - Perfectly diffusing - For indoor and outdoor applications	PC	21 %	black	B17037B
			59 %	satin	B17037S
			59 %	frosted	B17208F
Cover HS-11	- For indoor and outdoor applications - UV resistant - hight durability	PC	88 %	clear	B17208C

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NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
Cover KA-11	- maximum brightness - indoor use - basic - universal	PC	67 %	frosted	B17064F
			89 %	clear	B17064C
Cover KA-T-11	- maximum brightness - indoor use - economic - universal for basic applications	PVC	54 %	frosted	B17179F
			86 %	clear	B17179C

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > MOUNTING BRACKETS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Mounting bracket PDS-STN	- For indoor and outdoor applications	stainless steel	silver	C24190N00
Mounting bracket REG-PD	- Mounting with angle adjustment function	ASA	gray	C28055C02
Mounting bracket PL-PDM	- Aesthetic installation of linear fixtures	PP	gray	C24041C02
Mounting bracket PDS	- For indoor and outdoor applications	stainless steel	white black	C24223C10 C24189C07
Mounting bracket PDS-STN-90G	- Angular mount for indoor and outdoor applications	stainless steel	silver white black	C24370N00 C24370L10 C24370L07
Mounting bracket PDS-STN-90D	- Angular mount for indoor and outdoor applications	stainless steel	silver white black	C24367N00 C24367L10 C24367L07
Mounting bracket PDS-STN-ALFA		stainless steel	silver	C28060N00
Mounting bracket PDS-STN-60D	- Angular mount for indoor and outdoor applications	stainless steel	silver	C24457N00

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > FASTENERS AND HEADS FOR PROFILES

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Head ST		stainless steel	silver	C28114N00
Fastener DP, silver		stainless steel	silver	00644
Fastener FI-8-PRET-MR	- Mounting in thin walls (from 1mm)	stainless steel aluminum aluminum	silver white black	C28187N00 C28187L10 C28187L07

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > CONDUCTIVE FASTENERS AND HEADS FOR PROFILES

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Head ZZ		stainless steel	silver	42218
Head BZP-ZO		stainless steel	silver	42214
Fastener PUSZ-PRET-MR	- Power supply cable - mounting in thin walls (from 1mm)	stainless steel, brass, nylon aluminum, brass, nylon aluminum, brass, nylon	silver white lacquered black lacquered	C28166N00 C28166L10 C28166L07
Fastener PUSZ-LIN-MR	- Power supply cable - mounting in thin walls (from 1mm)	stainless steel, brass, nylon aluminum, brass, nylon aluminum, brass, nylon	silver white lacquered black lacquered	C28163N00 C28163L10 C28163L07
Fastener PUSZ-PRET-MR, silver		stainless steel	silver	C28119N00
Fastener FI-8-LIN-MR	- Power supply cable - mounting in thin walls (from 1mm)	stainless steel, PA aluminum, PA aluminum, PA	silver white black	C28172N00 C28172L10 C28172L07
Fastener DP-ZZ, silver		stainless steel	silver	00651
Fastener DP-MOC-ZZ, silver		stainless steel	silver	00647
Fastener PUSZ-MR	- Power supply cable - mounting in thin walls (from 1mm)	stainless steel aluminum aluminum	silver white lacquered black lacquered	C20011N00 C20011L10 C20011L07

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > CONNECTORS

NAME	MATERIAL	COLOR	REF.
Connector PD-MICRO	stainless steel	silver	C42150N00

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > SUSPENSION AND MOUNTING SETS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Fastener set W1		brass, stainless steel	silver	C28203N00
Fastener set M3		stainless steel	silver	C28182N00
Fastener set M4		stainless steel	silver	C28180N00
Fastener set M5		stainless steel	silver	C28181N00
Fastener set W6		stainless steel, brass	silver	C28205N00
Fastener set W7		brass, stainless steel	silver	42605
Fastener set W9		stainless steel	silver	C28207N00
Fastener set W10		stainless steel	silver	C28208N00
Fastener set RG-1	- Cable adjustment at the ceiling, cable included	brass	silver glossy silver satin white colored black colored	C28230P00 C28230P01 C28230L10 C28230L07

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NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Fastener set PUSZ-MR-1	- Power supply, for wall and drywall, mounting in thin walls (from 1mm)	stainless steel, aluminum	silver white lacquered black lacquered	C28132N00 C28132L10 C28132L07
Fastener set PUSZ-MR-2	- Convenient cable length adjustment, mounting in thin walls (from 1mm)	stainless steel, aluminum	silver white lacquered black lacquered	C28133N00 C28133L10 C28133L07
Fastener set FI-8-MR-1	- Power supply, for wall and drywall, mounting in thin walls (from 1mm)	stainless steel, aluminum	silver white lacquered black lacquered	C28136N00 C28136L10 C28136L07
Fastener set FI-8-MR-2	- Convenient cable length adjustment, mounting in thin walls (from 1mm)	stainless steel, aluminum	silver white lacquered black lacquered	C28137N00 C28137L10 C28137L07

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > SURFACE SPRINGS

NAME	MATERIAL	COLOR	REF.
Spring PDS	stainless steel	silver	C24501N00

RELATED ACCESSORIES > RELATED LED > HIGH EFFICACY

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-VHE-0480-24	- universal for basic applications - high efficacy - High Efficacy	20	4.8 W/m	K-VHE27-0480-24 K-VHE30-0480-24 K-VHE40-0480-24
LED tape K-VHE-0960-24	- universal for basic applications - high efficacy - High Efficacy	20	9.6 W/m	K-VHE40-0960-24
LED tape K-VHE-1440-24	- universal for basic applications - high efficacy - High Efficacy	20	14.4 W/m	K-VHE27-1440-24 K-VHE30-1440-24 K-VHE40-1440-24 K-VHE50-1440-24

RELATED ACCESSORIES > RELATED LED > CRI 95+

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-CR-0480-24	- universal for basic applications - CRI over 95	20	4.8 W/m	K-CR27-0480-24 K-CR30-0480-24 K-CR40-0480-24
LED tape K-CR-0960-24	- universal for basic applications - CRI over 95	20	9.6 W/m	K-CR40-0960-24
LED tape K-CR-1440-24	- universal for basic applications - CRI over 95	20	14.4 W/m	K-CR27-1440-24 K-CR30-1440-24 K-CR40-1440-24
LED tape KWP-CR-0480-24	- universal for basic applications - CRI over 95	65	4.8 W/m	KWP-CR27-0480-24 KWP-CR30-0480-24 KWP-CR35-0480-24 KWP-CR40-0480-24 KWP-CR50-0480-24
LED tape KWP-CR-0960-24	- universal for basic applications - CRI over 95	65	9.6 W/m	KWP-CR40-0960-24 KWP-CR50-0960-24

RELATED ACCESSORIES > RELATED LED > WHITE MONO

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-0480-24	- universal for basic applications	20	4.8 W/m	K-27-0480-24 K-30-0480-24 K-35-0480-24 K-50-0480-24
LED tape K-HD-0480-24	- high LED density - Ease of obtaining a line of light	20	4.8 W/m	K-HD27-0480-24 K-HD40-0480-24
LED tape K-0960-24	- universal for basic applications	20	9.6 W/m	K-30-0960-24 K-40-0960-24 K-40-0960-24-R30
LED tape K-HD-0960-24	- high LED density - Ease of obtaining a line of light	20	9.6 W/m	K-HD40-0960-24
LED tape K-1440-24	- universal for basic applications	20	14.4 W/m	K-27-1440-24 K-40-1440-24 K-40-1440-24-R30
LED tape K-HD-1440-24	- high LED density - Ease of obtaining a line of light	20	14.4 W/m	K-HD40-1440-24
LED tape K-2300-24	- high power	20	23 W/m	K-30-2300-24 K-40-2300-24
LED tape KWP-0480-24	- universal for basic applications	65	4.8 W/m	KWP-27-0480-24 KWP-30-0480-24 KWP-50-0480-24
LED tape KWP-GHD-0480-24	- high LED density - Ease of obtaining a line of light	65	4.8 W/m	KWP-GHD27-0480-24
LED tape KWP-0960-24	- universal for basic applications	65	9.6 W/m	KWP-40-0960-24
LED tape KWP-1440-24	- universal for basic applications	65	14.4 W/m	KWP-27-1440-24 KWP-40-1440-24

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RELATED ACCESSORIES > RELATED LED > RGB / RGB-W / RGB-CCT

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-RGB-0700-24V	- RGB	20	7 W/m	K-RGB-0700-24V
LED tape K-RGB-1200-24	- RGB	20	12 W/m	K-RGB-1200-24
LED tape KWP-RGB-0700-24	- RGB	65	7 W/m	KWP-RGB-0700-24

RELATED ACCESSORIES > RELATED LED > ADJUSTABLE WHITE / DIM TO WARM

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-18D30-0960-24	- Dim To Warm LED Tape	20	9.6 W/m	K-18D30-0960-24
LED tape K-27T50-1440-24	- RGB+Tunable White	20	14.4 W/m	K-27T50-1440-24

RELATED ACCESSORIES > ELECTRONICS > SWITCHES

NAME	KEY FEATURES	IP PROTECTION RATING	REF.
Proximity switch UNI-11	- touchless switch - width 11mm	20	E61603
Proximity switch UNI-P	- touchless switch - width only 7mm - factory pre-soldered wires	20	E61580
Switch MICRO 96W IP20	- push button switch - factory pre-soldered wires - version with logo	20	1491LOGO
Switch MICRO 96W IP20	- push button switch - factory pre-soldered wires - version with logo	20	1576LOGO