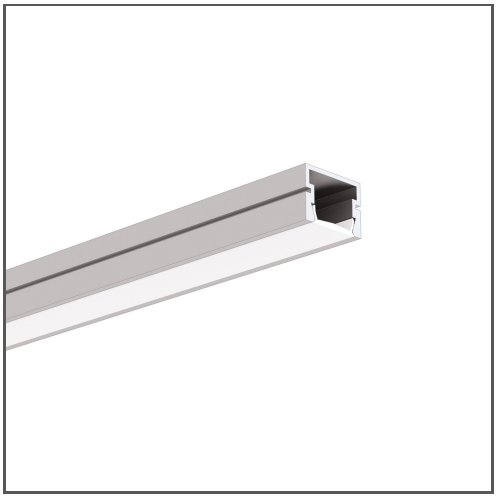
Profile PDS-4-PLUS

Ref. A01263



KEY FEATURES

- Possibility of mounting sealed LED strips of the 8K series
- Small bending radius
- Possibility of bending in the light plane

APPLICATION

main, functional, furniture and decorative 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

- cover length equal to the profile length only with the use of a dedicated PDS-4-PLUS end cap
- when choosing a different length of profiles / covers than available in the standard, you should additionally choose the cutting service at KLUŚ
- NCS Premium paint option - minimum order quantity 30pcs - available immediately

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 IP67

MOUNTING METHOD

Suspended

Surface mounted

SPECIAL FEATURES

Possibility of bending

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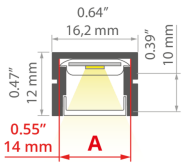
TECHNICAL DRAWING



AVAILABLE COLOURS

COLOR	LENGTH	REF
silver anodized	1000 mm	A01263A_1
	2005 mm	A01263A_2
	3010 mm	A01263A_3
silver non anodized	1000 mm	A01263N_1
	2005 mm	A01263N_2
	3010 mm	A01263N_3
white lacquered	1000 mm	A01263L10OD_1
	2005 mm	A01263L10OD_2
black anodized	1000 mm	A01263A07_1
	2005 mm	A01263A07_2
	3010 mm	A01263A07_3
black lacquered	1000 mm	A01263L07OD_1
	2005 mm	A01263L07OD_2
caramel (NCSS3030-Y60R) lacquered		A01263L14OD_2
sand (NCSS2010-Y30R) lacquered		A01263L11OD_2
light sage (NCSS2010-G50Y) lacquered		A01263L12OD_2
pastel blue (NCSS2010-B) lacquered		A01263L13OD_2

TECHNICAL SPECIFICATIONS

Material	aluminum
Possible fixture IP	20, 67
Possible fixture shapes	linear, round
Profile cross-section	rectangular
Width	16.2 mm
Height	12 mm
LED gluing width A	14 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
Closet Rated	yes
Possibility of obtaining a line of light	yes
Possibility of bending	yes
Radius of the light arc	yes
Inward	180 mm
Outdoor	200 mm
Downward light arc radius	yes
Down	500 mm
Building type	Commercial, HoReCa object, Retail, Residential, Entertainment/ Arts, Outdoor
Facility zone	office, kitchen, bathroom, fascade lighting, stairs / hallways, outdoor spaces, fitness / spa, media rooms / av
The cover is cut to the length of the profile	yes
Wire out end cap	yes
Wire out back of extrusion	yes

RELATED ACCESSORIES > COVERS

NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
Cover BENCO-11 NEW	- For indoor and outdoor applications - UV resistant	silicon	50 %	frosted	B17215F
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
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

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NAME		KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
Cover HS-11		- For indoor and outdoor applications - UV resistant - hight durability	PC	59 %	frosted	B17208F
				88 %	clear	B17208C
Focusing cover LENSO-11-30°DEG		- indoor use - focusing	PC	80 %	semi-transparent	B17112T

LINE OF LIGHT TABLE

LED TAPE	LIGER-11 SATIN	HS-11 FROSTED	OSŁONA	LIGER-11 BLACK
K-0360-24	✓ (1)	✓ (1)	X	X
K-0720-24	✓ (1)	✓ (1)	X	X
K-1080-24	✓ (1)	✓ (1)	X	X
K-0500-24	✓ (1)	✓ (1)	X	X
K-1000-24	✓ (1)	✓ (1)	X	X
K-HD-0430-24	✓ (1)	✓ (1)	X	✓ (1)
K-1500-24	✓ (1)	✓ (1)	X	X
K-CB-1000-24	✓ (1)	✓ (1)	X	✓ (1)
K-HD-0830-24	✓ (1)	✓ (1)	X	✓ (1)
K-HD-1260-24	✓ (1)	✓ (1)	X	✓ (1)
K-2400-24	✓ (1)	✓ (1)	X	X
K-RGB-0700-24V	✓ (1)	X	X	X
K-RGB-1200-24	✓ (1)	X	X	X
K-18D30-0960-24	✓ (1)	✓ (1)	X	✓ (1)
K-27T50-1440-24	✓ (1)	✓ (1)	X	✓ (1)

Description

✓ - Line of Light for a number (X) of rows - Pixel free imaging
X - Visible Dotting from Diodes
HL - Centered Line of Light - Concentrated in middle
HL (X) - Centered Line of Light for a number (X) of rows - Concentrated in middle

Line of Light Guide



Clean Line of Light (Pixel free imaging)



Centered Line of Light



Visible Dotting from Diodes

RELATED ACCESSORIES > END CAPS

NAME		MATERIAL	COLOR	REF.
PDS-4-PLUS-OTW		ABS	black	C24337C07TW
			gray	C24337C02TW
			white	C24337C10TW
End cap PDS-4-PLUS		ABS	black	C24337C07
			gray	C24337C02
			light sage (NCSS2010-G50Y)	C24337L12
			pastel blue (NCSS2010-B)	C24337L13
				C24337L14
			sand (NCSS2010-Y30R)	C24337L11
			silver	C24337L01
			white	C24337C10
		aluminum, PET-G	silver	C28147AS
PDS-4-PLUS		ABS	black	C28257C07P
			gray	C28257C02P
			white	C28257C10P

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RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > CANOPIES

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Canopy Fi-60mm	- Convenient cable length adjustment, in the ZM system	steel	gray lacquered white lacquered black lacquered	C24540L01 C24540L10 C24540L07
Canopy BOX-M70		aluminum	silver anodized white lacquered black anodized	C24541A C24541L10 C24541A07
Canopy BOX-M600		aluminum	silver anodized white lacquered black anodized	C24542A C24542L10 C24542A07

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > MOUNTING BRACKETS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Mounting bracket REG-PD-EXT NEW	- Mounting with angle adjustment function	aluminum, stainless steel	black white gray	C28303C07 C28303C10 C28303N00
Mounting bracket PDS-STN	- For indoor and outdoor applications	stainless steel	silver	C24190N00
Mounting bracket PDS	- For indoor and outdoor applications	stainless steel	white black	C24223C10 C24189C07
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-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-45D	- Angular mount for indoor and outdoor applications	stainless steel	silver	C24456N00
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	MATERIAL	COLOR	REF.
Head ST	stainless steel	silver	C28114N00
Fastener DP, silver	stainless steel	silver	00644

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 PUSZ-LIN-MR, silver		stainless steel	silver	C28122N00
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 RG-1	- Cable adjustment at the ceiling, cable included	brass	silver glossy silver satin white colored black colored	C28230P00 C28230P01 C28230L10 C28230L07
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

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NAME	KEY FEATURES	MATERIAL	COLOR	REF.
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-8KCR-0480-24	- universal for basic applications - easy snap-in installation - CRI over 95	65	4.8 W/m	KWP-8KCR27-0480-24 KWP-8KCR30-0480-24 KWP-8KCR35-0480-24 KWP-8KCR40-0480-24 KWP-8KCR50-0480-24
LED tape KWP-8KCR-0960-24	- universal for basic applications - easy snap-in installation	65	9.6 W/m	KWP-8KCR35-0960-24 KWP-8KCR40-0960-24 KWP-8KCR50-0960-24

RELATED ACCESSORIES > RELATED LED > WHITE MONO

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-0360-24 3.6 W/m, IP20 NEW		20	3.6 W/m	K-27-0360-24 K-30-0360-24 K-35-0360-24 K-40-0360-24 K-50-0360-24
LED tape K-HD-0430-24 4.3 W/m, IP20 NEW		20	4.3 W/m	K-HD18-0430-24 K-HD22-0430-24 K-HD27-0430-24 K-HD30-0430-24 K-HD35-0430-24 K-HD40-0430-24 K-HD50-0430-24
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-0500-24 5 W/m, IP20 NEW	- Thin line of light - longitudinal bending - Flexibility for bending	20	5 W/m	K-30-0500-24 K-40-0500-24
LED tape K-0720-24 7.2 W/m, IP20 NEW		20	7.2 W/m	K-27-0720-24 K-30-0720-24 K-35-0720-24 K-40-0720-24 K-50-0720-24
LED tape K-HD-0830-24 8.3 W/m, IP20 NEW		20	8.3 W/m	K-HD27-0830-24 K-HD30-0830-24 K-HD35-0830-24 K-HD40-0830-24 K-HD50-0830-24
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

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NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-1000-24 10 W/m, IP20 NEW		20	10 W/m	K-30-1000-24 K-40-1000-24
LED tape K-CB-1000-24 10 W/m, IP20 NEW		20	10 W/m	K-CB27-1000-24 K-CB30-1000-24 K-CB40-1000-24 K-CB50-1000-24
LED tape K-1080-24 10.8 W/m, IP20 NEW		20	10.8 W/m	K-27-1080-24 K-30-1080-24 K-35-1080-24 K-40-1080-24 K-50-1080-24
LED tape K-HD-1260-24 12.6 W/m, IP20 NEW		20	12.6 W/m	K-HD27-1260-24 K-HD30-1260-24 K-HD35-1260-24 K-HD40-1260-24 K-HD50-1260-24
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-1500-24 15 W/m, IP20 NEW		20	15 W/m	K-30-1500-24 K-35-1500-24 K-40-1500-24
LED tape K-2300-24	- high power	20	23 W/m	K-30-2300-24 K-40-2300-24
LED tape K-2400-24	- high power	20	24 W/m	K-27-2400-24 K-30-2400-24 K-35-2400-24 K-40-2400-24 K-50-2400-24
LED tape KWP-8K-0360-24 3.6 W/m, IP65 NEW		65	3.6 W/m	KWP-8K27-0360-24 KWP-8K30-0360-24 KWP-8K35-0360-24 KWP-8K40-0360-24 KWP-8K50-0360-24
LED tape KWP-GHD-0430-24 4.3 W/m, IP65 NEW		65	4.3 W/m	KWP-GHD27-0430-24 KWP-GHD30-0430-24 KWP-GHD35-0430-24 KWP-GHD40-0430-24 KWP-GHD50-0430-24
LED tape KWP-8K-0480-24	- universal for basic applications - easy snap-in installation	65	4.8 W/m	KWP-8K27-0480-24 KWP-8K30-0480-24 KWP-8K50-0480-24
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-8K-0500-24 5 W/m, IP65 NEW		65	5 W/m	KWP-8K30-0500-24 KWP-8K40-0500-24
LED tape KWP-G-0500-24 5 W/m, IP65 NEW		65	5 W/m	KWP-G30-0500-24 KWP-G40-0500-24
LED tape KWP-8K-0720-24 7.2 W/m, IP65 NEW		65	7.2 W/m	KWP-8K27-0720-24 KWP-8K30-0720-24 KWP-8K35-0720-24 KWP-8K40-0720-24 KWP-8K50-0720-24
LED tape KWP-GHD-0830-24 8.3 W/m, IP65 NEW		65	8.3 W/m	KWP-GHD27-0830-24 KWP-GHD30-0830-24 KWP-GHD35-0830-24 KWP-GHD40-0830-24 KWP-GHD50-0830-24
LED tape KWP-8K-0960-24	- universal for basic applications - easy snap-in installation	65	9.6 W/m	KWP-8K40-0960-24
LED tape KWP-8K-1000-24 10 W/m, IP65 NEW		65	10 W/m	KWP-8K30-1000-24 KWP-8K40-1000-24
LED tape KWP-G-1000-24 10 W/m, IP65 NEW		65	10 W/m	KWP-G30-1000-24 KWP-G40-1000-24
LED tape KWP-8K-1080-24 10.8 W/m, IP65 NEW		65	10.8 W/m	KWP-8K27-1080-24 KWP-8K30-1080-24 KWP-8K35-1080-24 KWP-8K40-1080-24 KWP-8K50-1080-24
LED tape KWP-GHD-1260-24 12.6 W/m, IP65 NEW		65	12.6 W/m	KWP-GHD27-1260-24 KWP-GHD30-1260-24 KWP-GHD35-1260-24 KWP-GHD40-1260-24 KWP-GHD50-1260-24
LED tape KWP-8K-1440-24	- universal for basic applications - easy snap-in installation	65	14.4 W/m	KWP-8K27-1440-24 KWP-8K40-1440-24
LED tape KWP-8K-1500-24 15 W/m, IP65 NEW		65	15 W/m	KWP-8K30-1500-24 KWP-8K40-1500-24
LED tape KWP-G-1500-24 15 W/m, IP65 NEW		65	15 W/m	KWP-G30-1500-24 KWP-G40-1500-24

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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 K-BTRGB-1510-24 15.1 W/m, IP20 NEW	- RGBW - Possibility of bending in the light plane	20	15.1 W/m	K-BTRGB40-1510-24
LED tape K-RGBW-1530-24 15.3 W/m, IP20 NEW	- RGBW - high LED density	20	15.3 W/m	K-RGB30-1530-24 K-RGB40-1530-24
LED tape KWP-GRGB-1530-24 15.3 W/m, IP65 NEW	- RGBW - high LED density	65	15.3 W/m	KWP-GRGB30-1530-24 KWP-GRGB40-1530-24

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
Proximity switch UNI-11P	- touchless switch - width 11mm - factory pre-soldered wires	20	E61604
Proximity switch UNI	- touchless switch - width only 7mm	20	E61579