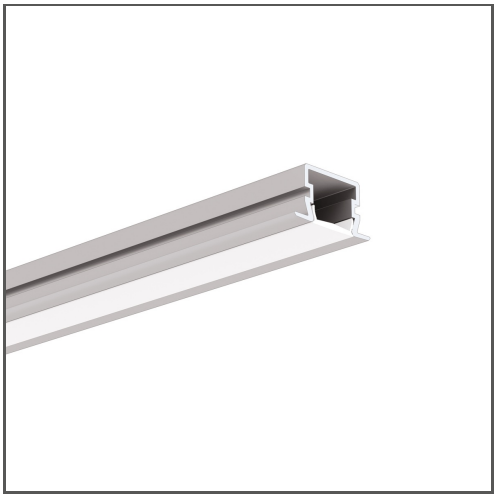
Profile PDS-NK

Ref. A01588



KEY FEATURES

- Possibility of mounting sealed LED strips of the 8K series
- Invisible groove edge
- Small bending radius
- Wide range of accessories

APPLICATION

furniture, main and decorative lighting

MOUNTING

recessed, with mounting adhesive or double-sided adhesive tape

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 IP67

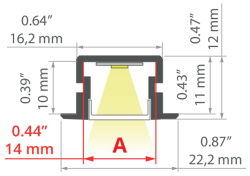
MOUNTING METHOD

Recessed

SPECIAL FEATURES

Possibility of bending

TECHNICAL DRAWING



AVAILABLE COLOURS

COLOR	LENGTH	REF
silver anodized	1000 mm	A01588A_1
	2005 mm	A01588A_2
	3010 mm	A01588A_3
black anodized	1000 mm	A01588A07_1
	2005 mm	A01588A07_2
	3010 mm	A01588A07_3
white lacquered	1000 mm	A01588L10OD_1
	2005 mm	A01588L10OD_2
	3010 mm	A01588L10OD_3

TECHNICAL SPECIFICATIONS

Material	aluminum
Possible fixture IP	20, 67
Possible fixture shapes	linear, polygonal, round
Profile cross-section	rectangular
Width	22.2 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	150 mm
Outdoor	250 mm
Building type	Commercial, HoReCa object, Retail, Residential, Entertainment/ Arts, Outdoor
Facility zone	office, kitchen, bathroom, fascade lighting, stairs / hallways, under-cabinet / furniture, outdoor spaces, 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

Profile PDS-NK

Ref. A01588

NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
Focusing cover LENSO-11-30°DEG	- indoor use - focusing	PC	80 %	semi-transparent	B17112T
Cover KA-11	- maximum brightness - indoor use - basic - universal	PC	67 %	frosted	B17064F
			89 %	clear	B17064C
Cover HS-11	- For indoor and outdoor applications - UV resistant - hight durability	PC	59 %	frosted	B17208F
			88 %	clear	B17208C
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-T-11	- maximum brightness - indoor use - economic - universal for basic applications	PVC	54 %	frosted	B17179F
			86 %	clear	B17179C

LINE OF LIGHT TABLE

LED TAPE	LIGER-11 SATIN	HS-11 FROSTED	KA-11R FROSTED	LIGER-11 BLACK
KWP-8K-1220-24	✓ (1)	X	X	X
KWP-8K-1275-24	✓ (1)	X	X	X
K-0360-24	✓ (1)	✓ (1)	✓ (1)	X
K-0720-24	✓ (1)	✓ (1)	✓ (1)	X
K-1080-24	✓ (1)	✓ (1)	✓ (1)	X
K-0500-24	✓ (1)	✓ (1)	✓ (1)	X
K-1000-24	✓ (1)	✓ (1)	✓ (1)	X
K-HD-0430-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-1500-24	✓ (1)	✓ (1)	✓ (1)	X
K-CB-1000-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-HD-0830-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-HD-1260-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
KWP-8K-0360-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-8K-0720-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-8K-1080-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-8K-0500-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-8K-1000-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-8K-1500-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-G-0500-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-G-1000-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-G-1500-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-GHD-0430-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
KWP-GHD-0830-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
KWP-GHD-1260-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-2400-24	✓ (1)	✓ (1)	✓ (1)	X
K-RGB-0700-24V	✓ (1)	X	X	X
KWP-8KRGB-0700-24	✓ (1)	X	X	X
K-RGB-1200-24	✓ (1)	X	X	X
K-BT27T50-0910-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-18D30-0960-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-27T50-1440-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)

Profile PDS-NK
Ref. A01588

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.
End cap PDS-NK		ABS	black	C24338C07
			gray	C24338C02
			silver	C24338L01
			white	C24338C10
PDS-NK-OTW		ABS	black	C24338C07TW
			gray	C24338C02TW
			silver	C24338L01TW
			white	C24338C10TW
End cap PDS-LNK		ABS	black	C24428C07
			gray	C24428C02
			silver	C24428L01
			white	C24428C10
PDS-LNK-OTW		ABS	black	C24428C07TW
			gray	C24428C02TW
			silver	C24428L01TW
			white	C24428C10TW

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

Profile PDS-NK
Ref. A01588

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-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
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

Profile PDS-NK

Ref. A01588

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
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

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-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-8KRGB-0700-24	- RGB - easy snap-in installation	65	7 W/m	KWP-8KRGB-0700-24
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-BT27T50-0910-24		20	9.1 W/m	K-BT27T50-0910-24
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