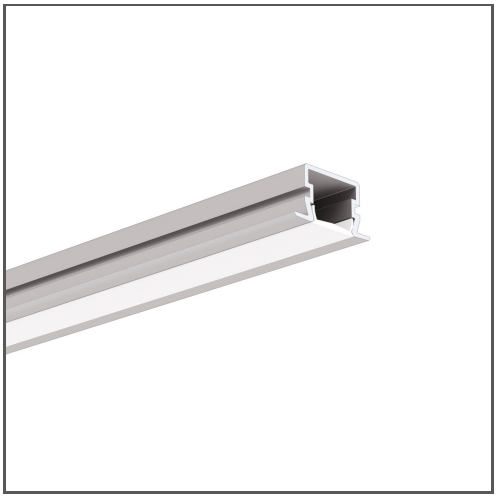
PDS-NK Extrusion

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

IP PROTECTION RATING

IP20 IP67

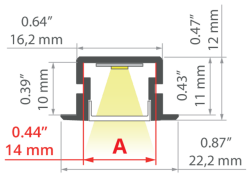
MOUNTING METHOD

Recessed

SPECIAL FEATURES

Possibility of bending

TECHNICAL DRAWING



AVAILABLE COLOURS

COLOR	LENGTH	REF
silver anodized	39.4"	A01588A_1
	78.9"	A01588A_2
black anodized	39.4"	A01588A07_1
	78.9"	A01588A07_2
white lacquered		A01588L10OD_2

TECHNICAL SPECIFICATIONS

Material	aluminum
Possible fixture IP	20, 67
Possible fixture shapes	linear, polygonal, round
Profile cross-section	rectangular
Width	0.9"
Height	0.5"
LED gluing width A	0.6"
Max. number of LED strips A (0.31" wide)	1
Width of the glow	11.2 mm
Max power of a single KLUŚ LED strip	7.3 W/ft
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, Hotel / Restaurant, 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
LENSO-11 30°DEG Focusing cover	- indoor use - focusing	PC	80 %	semi-transparent	B17112T

PDS-NK Extrusion

Ref. A01588

NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
KA-11 Cover	- maximum brightness - indoor use - basic - universal	PC	67 %	frosted	B17064F
			89 %	clear	B17064C
HS-11 Cover	- For indoor and outdoor applications - UV resistant - hight durability	PC	59 %	frosted	B17208F
			88 %	clear	B17208C
LIGER-11 Cover	- hight light quality - Ease of obtaining a line of light - perfectly diffusing - For indoor and outdoor applications	PC	21 %	black	B17037B
			59 %	satin	B17037S

LINE OF LIGHT TABLE

LED TAPE	LIGER-11 SATIN	HS-11 FROSTED	KA-11 FROSTED ROUND	LIGER-11 BLACK
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-HD-0430-24	✓ (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-GHD-0430-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
KWP-GHD-0830-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
KWP-GHD-1260-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-CR-1220-24	✓ (1)	X	X	X
K-CR-1275-24	✓ (1)	X	X	X
K-CRHD-1820-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-CRHD-1910-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-HEHD-0480-24	✓ (1)	✓ (1)	✓ (1)	X
K-HEHD-0960-24	✓ (1)	✓ (1)	✓ (1)	X
K-HEHD-1440-24	✓ (1)	✓ (1)	✓ (1)	X
K-HEHD-1920-24	✓ (1)	✓ (1)	✓ (1)	X
K-HEHD-0320-24	✓ (1)	✓ (1)	✓ (1)	X
K-RGBW-1920-120-24	✓ (1)	X	X	X
K-RGB-1200-24	✓ (1)	X	X	X
K-RGB-0700-24V	✓ (1)	X	X	X
K-BT27T50-0910-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-18D30-0960-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-2400-24	✓ (1)	✓ (1)	✓ (1)	X
K-BT-0910-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-SD-1440-24	✓ (1)	✓ (1)	✓ (1)	X
K-RGBW-1920-160-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-GRGBW-1920-120-24	✓ (1)	X	X	X
K-SDCR-22T50-1530-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
KWP-SDCR-22T50-1530-24	✓ (1)	✓ (1)	✓ (1)	✓ (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

PDS-NK Extrusion
Ref. A01588

RELATED ACCESSORIES > END CAPS

NAME		MATERIAL	COLOR	REF.
PDS-NK End cap		ABS	black	C24338C07
			gray	C24338C02
			white	C24338C10
PDS-NK-OTW		ABS	black	C24338C07TW
			gray	C24338C02TW
			white	C24338C10TW

RELATED ACCESSORIES > RELATED LED > HIGH EFFICACY

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
K-HEHD-0320-24 LED tape	- CRI over 95 - High Efficacy	20	1 W/ft	K-HEHD27-0320-24 K-HEHD30-0320-24 K-HEHD35-0320-24 K-HEHD40-0320-24
K-HEHD-0480-24 LED tape	- CRI over 95 - High Efficacy	20	1.5 W/ft	K-HEHD22-0480-24 K-HEHD25-0480-24 K-HEHD27-0480-24 K-HEHD30-0480-24 K-HEHD35-0480-24 K-HEHD40-0480-24 K-HEHD50-0480-24
K-HEHD-0960-24 LED tape	- CRI over 95 - High Efficacy	20	2.9 W/ft	K-HEHD22-0960-24 K-HEHD25-0960-24 K-HEHD27-0960-24 K-HEHD30-0960-24 K-HEHD35-0960-24 K-HEHD40-0960-24 K-HEHD50-0960-24
K-HEHD-1440-24 LED tape	- CRI over 95 - High Efficacy	20	4.4 W/ft	K-HEHD22-1440-24 K-HEHD25-1440-24 K-HEHD27-1440-24 K-HEHD30-1440-24 K-HEHD35-1440-24 K-HEHD40-1440-24 K-HEHD50-1440-24
LED tape K-HEHD-1920-24	- CRI over 95 - High Efficacy	20	5.9 W/ft	K-HEHD22-1920-24 K-HEHD25-1920-24 K-HEHD27-1920-24 K-HEHD30-1920-24 K-HEHD35-1920-24 K-HEHD40-1920-24 K-HEHD50-1920-24

RELATED ACCESSORIES > RELATED LED > CRI 95+

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
K-CR-1210-24 LED tape	- CRI over 95	20	1.5 W/ft	K-CR22-1210-24 K-CR27-1210-24
K-CRHD-1910-24 LED tape	- CRI over 95 - high LED density	20	2.8 W/ft	K-CRHD27-1910-24 K-CRHD35-1910-24 K-CRHD40-1910-24
K-CR-1220-24 LED tape	- CRI over 95	20	2.9 W/ft	K-CR22-1220-24 K-CR25-1220-24 K-CR27-1220-24 K-CR30-1220-24 K-CR35-1220-24 K-CR40-1220-24 K-CR50-1220-24
K-CR-1275-24 LED tape	- CRI over 95	20	4.4 W/ft	K-CR22-1275-24 K-CR25-1275-24 K-CR27-1275-24 K-CR30-1275-24 K-CR35-1275-24 K-CR40-1275-24 K-CR50-1275-24
K-CRHD-1820-24 LED tape	- CRI over 95 - high LED density	20	5.6 W/ft	K-CRHD27-1820-24

RELATED ACCESSORIES > RELATED LED > CRI 90+

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
K-2400-24 LED tape	- high power	20	7.3 W/ft	K-27-2400-24 K-30-2400-24 K-35-2400-24 K-40-2400-24 K-50-2400-24

PDS-NK Extrusion
Ref. A01588

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape KWP-8K-1275-24	- easy snap-in installation	65	4.4 W/ft	KWP-8K22-1275-24 KWP-8K25-1275-24 KWP-8K27-1275-24 KWP-8K30-1275-24 KWP-8K35-1275-24 KWP-8K40-1275-24 KWP-8K50-1275-24

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

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
K-SDCR-22T50-1530-24 LED tape	- Tuneable white 2200K-5000K	20	4.7 W/ft	K-SDCR-22T50-1530-24
KWP-SDCR-22T50-1530-24 LED tape	- Tuneable white 2200K-5000K	65	4.7 W/ft	KWP-SDCR-22T50-1530-24

RELATED ACCESSORIES > ELECTRONICS > SWITCHES

NAME	KEY FEATURES	IP PROTECTION RATING	REF.
Switch MICRO 96W IP20	- push button switch - factory pre-soldered wires	20	1576