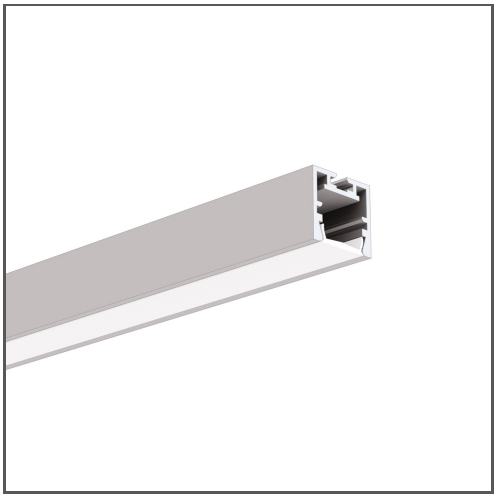
PDS-ZM-PLUS Extrusion

Ref. A02056



KEY FEATURES

- Possibility of mounting sealed LED strips of the 8K series
- Wide range of accessories
- Smooth extrusions walls
- Small bending radius

APPLICATION

main and decorative lighting

MOUNTING

to the surface or suspended, using dedicated accessories, mounting adhesive or properly selected screws

ADDITIONAL INFORMATION

- possibility of smooth transition from an in-ground into a facade lighting fixture

IP PROTECTION RATING

IP20 IP67

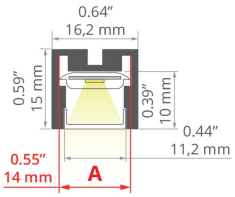
MOUNTING METHOD

Suspended

SPECIAL FEATURES

Possibility of bending

TECHNICAL DRAWING



AVAILABLE COLOURS

LENGTH	REF
39.4"	A02056A_1
78.9"	A02056A_2

TECHNICAL SPECIFICATIONS

Material	aluminum
Color	silver anodized
Possible fixture IP	20, 67
Possible fixture shapes	linear, round, polygonal
Profile cross-section	rectangular
Width	0.6"
Height	0.6"
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
Possibility of obtaining a line of light	yes
Possibility of bending	yes
Radius of the light arc	yes
Inward	400 mm
Outdoor	400 mm
Building type	Commercial, Hotel / Restaurant, Retail, Residential, Entertainment/ Arts, Outdoor
Facility zone	office, kitchen, bathroom, decorative, fitness / spa, media rooms / av
The cover is cut to the length of the profile	yes
Can be easily connected into runs	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
			21 %	black	B17037B
LIGER-11 Cover	- hight light quality - Ease of obtaining a line of light - perfectly diffusing - For indoor and outdoor applications	PC	59 %	satin	B17037S

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NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
HS-11 Cover	- For indoor and outdoor applications - UV resistant - hight durability	PC	59 %	frosted	B17208F
			88 %	clear	B17208C
KA-11 Cover	- maximum brightness - indoor use - basic - universal	PC	67 %	frosted	B17064F
			89 %	clear	B17064C

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-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

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RELATED ACCESSORIES > END CAPS

NAME		MATERIAL	COLOR	REF.
PDS-ZM-PLUS End cap		ABS	black	C24364C07
			gray	C24364C02
			silver	C24364L01
			white	C24364C10

RELATED ACCESSORIES > OTHER ACCESSORIES > CANOPIES

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Fi-60mm Canopy	- Convenient cable length adjustment, in the ZM system	steel	gray lacquered	C24540L01
			white lacquered	C24540L10
			black lacquered	C24540L07

RELATED ACCESSORIES > OTHER ACCESSORIES > MOUNTING BRACKETS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
NEO-ZM-3 Fastener set	- 3 pieces for heavy fixtures	magnet	silver	C28105N00
NEO-ZM-4 Fastener set	- 4 pieces for light fixtures	magnet	silver	C28106N00

RELATED ACCESSORIES > OTHER ACCESSORIES > FASTENERS AND HEADS FOR EXTRUSIONS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
BZP Head		stainless steel	silver	C28113N00
FI-8-LIN-ZM Fastener	- Installation in the ZM system	stainless steel, PA	silver	C28170N00
			white	C28170L10
			black	C28170L07
FI-10-ZM-P Fastener	- Cross mounting	stainless steel	silver	C28117N00
FI-10-ZM-W Fastener		stainless steel	silver	C28116N00
FI-8-PRET-ZM Fastener	- Installation in the ZM system	stainless steel	silver	C28189N00
		aluminum	white	C28189L10
		aluminum	black	C28189L07

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

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
BZP-ZZ Head		stainless steel	gray	42215
PUSZ-LIN-MR Fastener	- Power supply cable - mounting in thin walls (from 1mm)	stainless steel, brass, nylon	silver	C28163N00
		aluminum, brass, nylon	white lacquered	C28163L10
		aluminum, brass, nylon	black lacquered	C28163L07
FI-8-LIN-ZMZ Fastener	- Power supply - mounting in the ZM system	stainless steel, steel, PA, EPDM	silver	C28171N00
		aluminum, PA, EPDM	white	C28171L10
		aluminum, PA, EPDM	black	C28171L07
PUSZ-PRET-ZM Fastener	- Power supply cable - mounting in the ZM system	stainless steel, brass, nylon	silver	C28161N00
		aluminum, brass, nylon	white	C28161L10
		aluminum, brass, nylon	black	C28161L07
PUSZ-PRET-ZM Fastener , silver		stainless steel	silver	42250
PUSZ-ZM Fastener	- Power supply - mounting in the ZM system	stainless steel	silver	C20010N00
		aluminum	white lacquered	C20010L10
		aluminum	black lacquered	C20010L07

RELATED ACCESSORIES > OTHER ACCESSORIES > CONNECTORS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
ZM Connector		stainless steel	silver	42720 42728 C28070N00 C28071N00 C28072N00 C28073N00 C28074N00 C28075N00 C28243N00
Connector ZM-G		stainless steel	silver	42304 42308 42310 42324 42326 42328 42330 42332 42334 42336 42338

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NAME	KEY FEATURES	MATERIAL	COLOR	REF.
ZM-PION Connector	- for connecting profiles in the vertical plane	stainless steel	silver	42314 42316 42320 42718 42719 C28084N00 C28085N00 C28086N00 C28087N00 C28088N00

RELATED ACCESSORIES > OTHER ACCESSORIES > SUSPENSION AND MOUNTING SETS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
RD-1 Fastener set	- Smooth cable adjustment, cable included	brass	silver glossy silver satin white lacquered black lacquered	C28231P00 C28231P01 C28231L10 C28231L07
RG-1 Fastener set	- Cable adjustment at the ceiling, cable included	brass	silver glossy black colored	C28230P00 C28230L07
FI-8-ZM-1 Fastener set	- Power supply, for wall and drywall, in the ZM system	stainless steel, aluminum	silver white lacquered black lacquered	C28134N00 C28134L10 C28134L07
FI-8-ZM-2 Fastener set	- Convenient cable length adjustment, in the ZM system	stainless steel, aluminum	silver white lacquered black lacquered	C28135N00 C28135L10 C28135L07
Fastener set PUSZ-ZM-1	- Power supply, for wall and drywall, in the ZM system	stainless steel, aluminum	silver white lacquered black lacquered	C28130N00 C28130L10 C28130L07
Fastener set PUSZ-ZM-2	- Convenient cable length adjustment, in the ZM system	stainless steel, aluminum	silver white lacquered black lacquered	C28131N00 C28131L10 C28131L07

RELATED ACCESSORIES > OTHER ACCESSORIES > SURFACE SPRINGS

NAME	MATERIAL	COLOR	REF.
GP Spring	stainless steel	silver	C24500N00

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

PDS-ZM-PLUS Extrusion

Ref. A02056

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
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
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
Proximity switch UNI	- touchless switch - width only 7mm	20	E61579