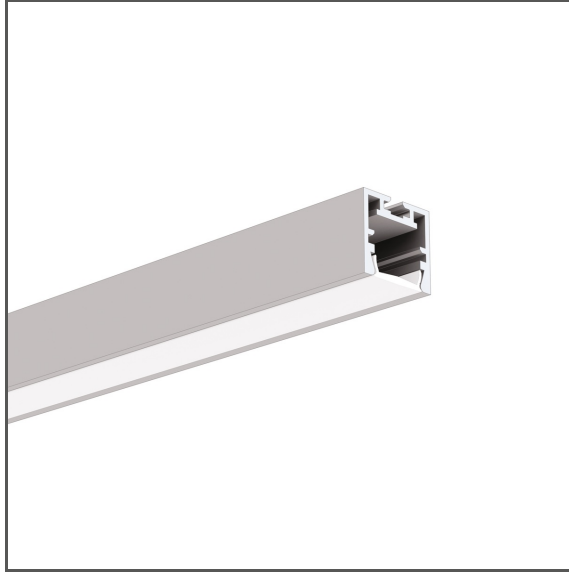


PDS-ZM-PLUS Extrusion

Ref. A02056



- 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

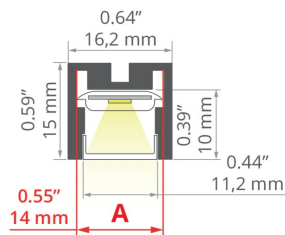
MOUNTING

- 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

TECHNICAL DRAWING



TECHNICAL SPECIFICATIONS

Material	aluminum
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"
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

Color	Length	Ref
■ silver anodized	39.4"	A02056A_1
	78.9"	A02056A_2
■ black anodized	39.4"	A02056A07_1
	78.9"	A02056A07_2

Facility zone	office, kitchen, under-cabinet / furniture, 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

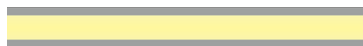
LINE OF LIGHT TABLE

LED tape	LIGER-11 satin	HS-11 frosted	KA-11 frosted round	LIGER-11 black	KA frosted
K-2400-24	✓ (1)	✓ (1)	✓ (1)	X	X
K-2300-24	✓ (1)	X	X	X	X
K-CR-1220-24	✓ (1)	X	X	X	X
K-CR-1275-24	✓ (1)	X	X	X	X
K-CRHD-1820-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-CRHD-1910-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-HEHD-0480-24	✓ (1)	✓ (1)	✓ (1)	X	X
K-HEHD-0960-24	✓ (1)	✓ (1)	✓ (1)	X	X
K-HEHD-1440-24	✓ (1)	✓ (1)	✓ (1)	X	X
K-HEHD-1920-24	✓ (1)	✓ (1)	✓ (1)	X	X
K-HEHD-0320-24	✓ (1)	✓ (1)	✓ (1)	X	X
K-RGBW-1920-120-24	✓ (1)	X	X	X	X
K-RGB-0700-24V	✓ (1)	X	X	X	X
K-18D30-0960-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-27T50-1440-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-BT-0910-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-CRHD-0530-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)
KWP-GRGBW-1920-120-24	✓ (1)	X	X	X	X

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)

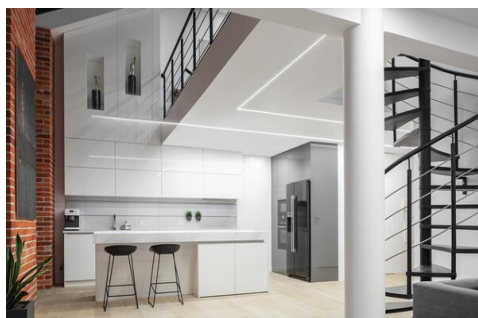
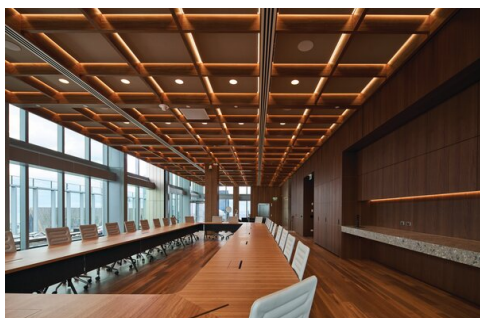


Centered Line of Light



Visible Dotting from Diodes

SAMPLE PROJECTS



SIMILAR EXTRUSIONS > SUSPENDED



PDS-ZM Extrusion
A07696



PDS-ZMG Extrusion
A01418

SIMILAR EXTRUSIONS > SURFACE MOUNTED



PDS-H Extrusion
A09204



PDS-4-PLUS Extrusion
A01263

SIMILAR EXTRUSIONS



PDS-NK Extrusion
A01588

PDS-ZM-PLUS Extrusion

Ref. A02056

SIMILAR EXTRUSIONS > TRIMLESS



KOZMA Extrusion
A18040



PDS-UST Extrusion
A02725



PDS-T Extrusion
A02057

RELATED ACCESSORIES > COVERS

NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
LENSO-11 30°DEG Focusing cover	- indoor use - focusing	PC	80 %	semi-transparent	B17112T
LIGER-11 Cover	- indoor use - Ease of obtaining a line of light - perfectly diffusing - high light quality	PC	21 %	black	B17037B
			59 %	satin	B17037S
HS-11 Cover	- For indoor and outdoor applications - UV resistant - high durability	PC	59 %	frosted	B17208F
			88 %	clear	B17208C
KA-11 Cover	- maximum brightness - indoor use - basic - universal	PC	67 %	frosted	B17064F
			89 %	clear	B17064C
Cover BENCO-11	- For indoor and outdoor applications - UV resistant	silicon	50 %	frosted	B17215F

RELATED ACCESSORIES > END CAPS

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

RELATED ACCESSORIES > RELATED LED > BENDABLE TAPE

Name	Key features	IP protection rating	Power consumption	Ref.
K-VBT-0720-24 LED tape	- LED tape for bent profiles	20	2.2 W/ft	K-VBT27-0720-24 K-VBT30-0720-24 K-VBT35-0720-24 K-VBT40-0720-24 K-VBT50-0720-24
K-BT-0910-24 LED tape	- LED tape for bent profiles	20	2.8 W/ft	K-BT27-0910-24 K-BT30-0910-24 K-BT35-0910-24 K-BT40-0910-24 K-BT50-0910-24

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

Name	Key features	IP protection rating	Power consumption	Ref.
K-RGB27T65-1200-24 LED tape	- RGB+Tunable White	20	3.7 W/ft	K-RGB27T65-1200-24
K-RGBW-1920-120-24 LED tape	- RGBW (3000K)	20	5.9 W/ft	K-RGBW-1920-120-24
K-RGBW-1920-160-24 LED tape	- RGBW (3000K)	20	5.9 W/ft	K-RGBW-1920-160-24
KWP-GRGBW-1920-120-24 LED tape	- RGBW (3000K)	65	5.9 W/ft	KWP-GRGBW-1920-120-24

RELATED ACCESSORIES > RELATED LED > HIGH EFFICACY

Name	Key features	IP protection rating	Power consumption	Ref.
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
K-HEHD-0320-24 LED tape	- CRI over 95 - High Efficacy	20	1 W/ft	K-HEHD22-0320-24 K-HEHD25-0320-24 K-HEHD27-0320-24 K-HEHD30-0320-24 K-HEHD35-0320-24 K-HEHD40-0320-24 K-HEHD50-0320-24

RELATED ACCESSORIES > RELATED LED > CRI 95+

Name	Key features	IP protection rating	Power consumption	Ref.
LED tape K-CR-1210-24	- CRI over 95	20	1.5 W/ft	K-CR22-1210-24 K-CR25-1210-24 K-CR27-1210-24 K-CR30-1210-24 K-CR35-1210-24 K-CR40-1210-24 K-CR50-1210-24
LED tape K-CR-1220-24	- 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
LED tape K-CR-1275-24	- 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-CRHD22-1820-24 K-CRHD25-1820-24 K-CRHD27-1820-24 K-CRHD30-1820-24 K-CRHD35-1820-24 K-CRHD40-1820-24 K-CRHD50-1820-24
K-CRHD-1910-24 LED tape	- CRI over 95 - high LED density	20	2.8 W/ft	K-CRHD22-1910-24 K-CRHD25-1910-24 K-CRHD27-1910-24 K-CRHD30-1910-24 K-CRHD35-1910-24 K-CRHD40-1910-24 K-CRHD50-1910-24
K-CRHD-0530-24 LED tape,	- CRI over 95	20	1.6 W/ft	K-CRHD22-0530-24 K-CRHD25-0530-24 K-CRHD27-0530-24 K-CRHD30-0530-24 K-CRHD35-0530-24 K-CRHD40-0530-24 K-CRHD50-0530-24

RELATED ACCESSORIES > RELATED LED > CRI 90+

Name	Key features	IP protection rating	Power consumption	Ref.
LED tape K-2400-24	- 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 K-2400-24	- 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

RELATED ACCESSORIES > RELATED LED

PDS-ZM-PLUS Extrusion

Ref. A02056

Name	Key features	IP protection rating	Power consumption	Ref.
LED tape K-0360-24 1.1 W/m, IP20 NEW		20	1.1 W/ft	K-27-0360-24 K-30-0360-24 K-35-0360-24 K-40-0360-24 K-50-0360-24
LED tape K-2300-24	- high power	20	7 W/ft	K-30-2300-24 K-40-2300-24
LED tape K-27T50-1440-24	- RGB+Tunable White	20	4.4 W/ft	K-27T50-1440-24
LED tape K-18D30-0960-24	- Dim To Warm LED Stripe	20	2.9 W/ft	K-18D30-0960-24







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 > SURFACE SPRINGS

Name	Material	Color	Ref.
GP Spring	stainless steel	 silver	C24500N00

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

Name	Key features	Material	Color	Ref.
PUSZ-ZM Fastener NEW	- Power supply - mounting in the ZM system	stainless steel aluminum aluminum	 silver  white lacquered  black lacquered	C20010N00 C20010L10 C20010L07
BZP-ZZ Head		stainless steel	 gray	42215
PUSZ-LIN-MR Fastener	- 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
FI-8-LIN-ZM Fastener	- Power supply - mounting in the ZM system	stainless steel, steel, PA, EPDM aluminum, PA, EPDM aluminum, PA, EPDM	 silver  white  black	C28171N00 C28171L10 C28171L07
PUSZ-PRET-ZM Fastener	- Power supply cable - mounting in the ZM system	stainless steel, brass, nylon aluminum, brass, nylon aluminum, brass, nylon	 silver  white  black	C28161N00 C28161L10 C28161L07
PUSZ-PRET-ZM Fastener , silver		stainless steel	 silver	42250

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  white  black	C28170N00 C28170L10 C28170L07
FI-10-ZM-P Fastener	- Cross mounting	stainless steel	 silver	C28117N00
FI-10-ZM-W Fastener		stainless steel	 silver	C28116N00

PDS-ZM-PLUS Extrusion

Ref. A02056

Name	Key features	Material	Color	Ref.
FI-8-PRET-ZM Fastener	- Installation in the ZM system	Material, Material, multiselect	<input type="checkbox"/> silver <input type="checkbox"/> white <input type="checkbox"/> black	C28189N00 C28189L10 C28189L07

RELATED ACCESSORIES > OTHER ACCESSORIES > SUSPENSION AND MOUNTING SETS

Name	Key features	Material	Color	Ref.
FI-8-ZM-1 Fastener set NEW	- Power supply, for wall and drywall, in the ZM system	stainless steel, aluminum	<input type="checkbox"/> silver <input type="checkbox"/> white lacquered <input type="checkbox"/> black lacquered	C28134N00 C28134L10 C28134L07
FI-8-ZM-2 Fastener set NEW	- Convenient cable length adjustment, in the ZM system	stainless steel, aluminum	<input type="checkbox"/> silver <input type="checkbox"/> white lacquered <input type="checkbox"/> black lacquered	C28135N00 C28135L10 C28135L07
Fastener set PUSZ-ZM-1 NEW	- Power supply, for wall and drywall, in the ZM system	stainless steel, aluminum	<input type="checkbox"/> silver <input type="checkbox"/> white lacquered <input type="checkbox"/> black lacquered	C28130N00 C28130L10 C28130L07
Fastener set PUSZ-ZM-2 NEW	- Convenient cable length adjustment, in the ZM system	stainless steel, aluminum	<input type="checkbox"/> silver <input type="checkbox"/> white lacquered <input type="checkbox"/> black lacquered	C28131N00 C28131L10 C28131L07
RG-1 Fastener set	- Cable adjustment at the ceiling, cable included	brass	<input type="checkbox"/> silver glossy <input type="checkbox"/> silver satin <input type="checkbox"/> white colored <input type="checkbox"/> black colored	C28230P00 C28230P01 C28230L10 C28230L07

RELATED ACCESSORIES > OTHER ACCESSORIES > CANOPIES



Name	Key features	Material	Color	Ref.
FI-60mm Canopy	- Convenient cable length adjustment, in the ZM system	steel	<input type="checkbox"/> gray lacquered <input type="checkbox"/> white lacquered <input type="checkbox"/> black lacquered	C24540L01 C24540L10 C24540L07

RELATED ACCESSORIES > OTHER ACCESSORIES > COUPLERS



Name	Key features	Material	Color	Ref.
L135 Coupler	- Facilitates building lighting structures	aluminum	<input type="checkbox"/> silver	L135
L135PW Coupler	- Facilitates building lighting structures	aluminum	<input type="checkbox"/> silver	L135PW
L135PZ Coupler	- Facilitates building lighting structures	aluminum	<input type="checkbox"/> silver	L135PZ
L90 Coupler	- Facilitates building lighting structures	aluminum	<input type="checkbox"/> silver	L90
L90PW Coupler	- Facilitates building lighting structures	aluminum	<input type="checkbox"/> silver	L90PW
L90PZ Coupler	- Facilitates building lighting structures	aluminum	<input type="checkbox"/> silver	L90PZ
T135L Coupler	- Facilitates building lighting structures	aluminum	<input type="checkbox"/> silver	T135L
T135R Coupler	- Facilitates building lighting structures	aluminum	<input type="checkbox"/> silver	T135R
T90 Coupler	- Facilitates building lighting structures	aluminum	<input type="checkbox"/> silver	T90

PDS-ZM-PLUS Extrusion

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Name	Key features	Material	Color	Ref.
X135 Coupler	- Facilitates building lighting structures	aluminum	 silver	X135
X90 Coupler	- Facilitates building lighting structures	aluminum	 silver	X90




RELATED ACCESSORIES > OTHER ACCESSORIES > ADDITIONAL ITEMS

Name	Key features	Material	Color	Ref.
8x1,6 Gland		rubber		C42290C07
M8x1 Gland		brass		C42265N00
LENSO Adapter	- Necessary when using the DILENSO cover	PC	 transparent glossy	E62146
ZM-16 Adapters set	- Connection of the ZM system with the 45-STN mount	PC	 transparent	C29001C00

RELATED ACCESSORIES > OTHER ACCESSORIES > CONNECTORS

Name	Material	Color	Ref.
ZM Connector	stainless steel	 silver	42716
			42717
			42720
			42728
			C28070N00
			C28071N00
			C28072N00
			C28073N00
			C28074N00
			C28075N00
C28243N00			
ZM-PION Connector	stainless steel	 silver	42314
			42316
			42320
			42718
			42719
			C28084N00
			C28085N00
			C28086N00
			C28087N00
			C28088N00

RELATED ACCESSORIES > OTHER ACCESSORIES

Name	Material	Color	Ref.
Connector ZM-Y	stainless steel	 silver	C28082N00
ZM-X Connector	stainless steel	 silver	C28079N00
			C28080N00
			C28081N00
ZM-T Connector	stainless steel	 silver	C28076N00
			C28077N00
			C28078N00

RELATED ACCESSORIES > ELECTRONICS > SWITCHES

PDS-ZM-PLUS Extrusion

Ref. A02056

Name	Key features	IP protection rating	Ref.
Switch MICRO 96W IP20	- push button switch - factory pre-soldered wires	20	1576