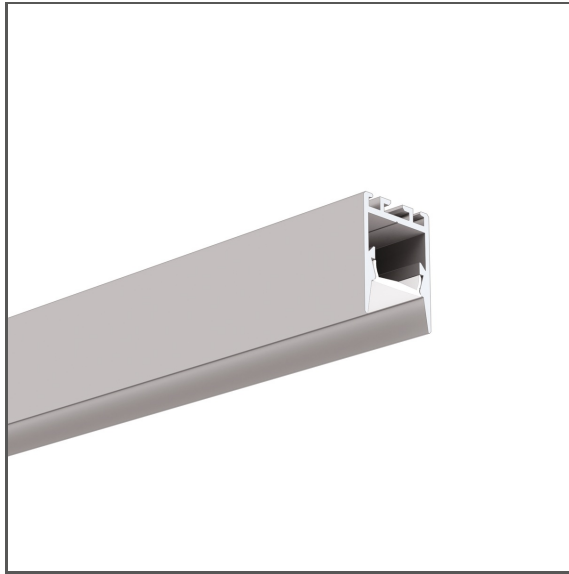


# PDS-ZMG Extrusion

Ref. A01418



- Hidden light source
- Wide range of accessories
- Smooth extrusions walls

## APPLICATION

- main and decorative lighting

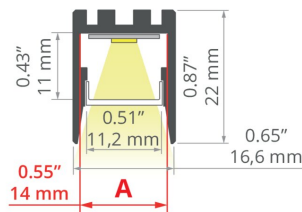
## MOUNTING

- to the surface or suspended, using dedicated accessories

## ADDITIONAL INFORMATION

- the installation of the cover in the recess reduces the effect of glare
- when choosing a different length of profiles / covers than available in the standard, you should additionally choose the cutting service at KLUŠ
- NCS Premium paint option - minimum order quantity 30pcs - available on order within 14 days

## TECHNICAL DRAWING



## TECHNICAL SPECIFICATIONS

Material	aluminum	Color	Length	Ref
Possible fixture IP	20, 67	<input type="checkbox"/> white lacquered	118.1"	A01418L10_3
Possible fixture shapes	linear, polygonal		78.7"	A01418L10_2
Profile cross-section	rectangular		39.4"	A01418L10_1
Width	0.7"	<input checked="" type="checkbox"/> silver anodized	39.4"	A01418A_1
Height	0.9"		78.9"	A01418A_2
LED gluing width A	0.6"	<input checked="" type="checkbox"/> black anodized	39.4"	A01418A07_1
Number of LED strips A (0.31" wide)	1		78.9"	A01418A07_2
Width of the glow	11.2 mm			
Max power of a single KLUŠ LED strip	7.3 W/ft			
Closet Rated	yes			
Possibility of obtaining a line of light	yes			
Building type	Commercial, Hotel / Restaurant, Retail, Residential, Entertainment/ Arts, Outdoor			

Facility zone	office, kitchen, under-cabinet / furniture, bathroom, decorative, media rooms / av
Can be easily connected into runs	yes
Wire out back of extrusion	yes

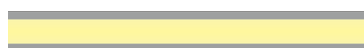
## LINE OF LIGHT TABLE

LED tape	LIGER-11 satin	HS-11 frosted	KA-11 frosted round	KA frosted	LIGER-11 black
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)	X	✓ (1)
K-CRHD-1910-24	✓ (1)	✓ (1)	✓ (1)	X	✓ (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-RGB-0700-24V	✓ (1)	X	X	X	X
KWP-RGB-1200-24	✓ (1)	X	X	X	X
K-18D30-0960-24	✓ (1)	✓ (1)	✓ (1)	X	✓ (1)
KWP-27T50-1440-24	✓ (1)	✓ (1)	✓ (1)	X	✓ (1)
K-27T50-1440-24	✓ (1)	✓ (1)	✓ (1)	X	✓ (1)
K-CRHD-0530-24	✓ (1)	✓ (1)	✓ (1)	X	✓ (1)

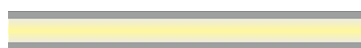
### Description

- ✓ - 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)

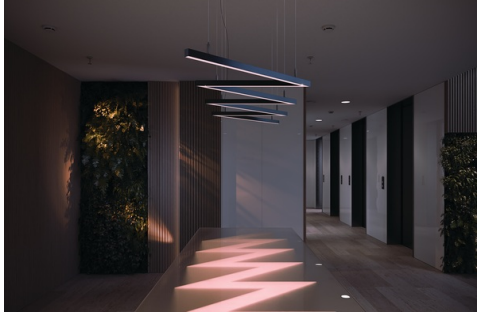


Centered Line of Light



Visible Dotting from Diodes

## SAMPLE PROJECTS



## SIMILAR EXTRUSIONS > SUSPENDED



**PDS-ZM Extrusion**  
A07696

## SIMILAR EXTRUSIONS > SURFACE MOUNTED



**PDS-H Extrusion**  
A09204

## SIMILAR EXTRUSIONS



**PDS-NK Extrusion**  
A01588

## SIMILAR EXTRUSIONS > TRIMLESS



**KOZMA Extrusion**  
A18040



**PDS-UST Extrusion**  
A02725



**PDS-T Extrusion**  
A02057

## SIMILAR EXTRUSIONS > RECESSED WITH SUSPENSION FUNCTION



**PDS-ZM-PLUS Extrusion**  
A02056

## RELATED ACCESSORIES > COVERS

NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
LIGER-11 Cover	<ul style="list-style-type: none"> <li>- indoor use</li> <li>- Ease of obtaining a line of light</li> <li>- perfectly diffusing</li> <li>- high light quality</li> </ul>	PC	21 %	black	B17037B
			59 %	satin	B17037S
HS-11 Cover	<ul style="list-style-type: none"> <li>- For indoor and outdoor applications</li> <li>- UV resistant</li> <li>- high durability</li> </ul>	PC	59 %	frosted	B17208F
			88 %	clear	B17208C
KA-11 Cover	<ul style="list-style-type: none"> <li>- maximum brightness</li> <li>- indoor use</li> <li>- basic</li> <li>- universal</li> </ul>	PC	67 %	frosted	B17064F
			89 %	clear	B17064C

## RELATED ACCESSORIES > END CAPS

NAME		MATERIAL	COLOR	REF.
			aluminum, PET-G	■ silver C28148AS
PDS-G End cap			ABS	■ black C24320C07 ■ gray C24330C02

## 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

## 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

Name	IP protection rating	Power consumption	Ref.
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Name	IP protection rating	Power consumption	Ref.
LED tape K-0360-24 1.1 W/m, IP20 <b>NEW</b>	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	20	7 W/ft	K-30-2300-24 K-40-2300-24
LED tape KWP-RGB-1200-24	65	3.7 W/ft	KWP-RGB-1200-24
LED tape K-18D30-0960-24	20	2.9 W/ft	K-18D30-0960-24
LED tape K-27T50-1440-24	20	4.4 W/ft	K-27T50-1440-24
LED tape KWP-27T50-1440-24	65	4.4 W/ft	KWP-27T50-1440-24








## 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 <b>NEW</b>	- 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-PRET-ZM Fastener , silver		stainless steel	 silver	42250

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

Name	Material	Color	Ref.
BZP Head	stainless steel	 silver	C28113N00
FI-8-LIN-ZM Fastener	stainless steel, PA	 silver  white  black	C28170N00 C28170L10 C28170L07
FI-8-PRET-ZM Fastener	Materiał, Material, multiselect	 silver  white  black	C28189N00 C28189L10 C28189L07

## RELATED ACCESSORIES > OTHER ACCESSORIES > SUSPENSION AND MOUNTING SETS

Name	Key features	Material	Color	Ref.
FI-8-ZM-1 Fastener set <b>NEW</b>	- 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 <b>NEW</b>	- Convenient cable length adjustment, in the ZM system	stainless steel, aluminum	 silver  white lacquered  black lacquered	C28135N00 C28135L10 C28135L07
Fastener set PUSZ-ZM-1 <b>NEW</b>	- Power supply, for wall and drywall, in the ZM system	stainless steel, aluminum	 silver  white lacquered  black lacquered	C28130N00 C28130L10 C28130L07

Name	Key features	Material	Color	Ref.
Fastener set PUSZ-ZM-2 <span style="color: red; font-weight: bold;">NEW</span>	- Convenient cable length adjustment, in the ZM system	stainless steel, aluminum	<div style="display: flex; gap: 5px;"> <div style="width: 10px; height: 10px; background-color: #ccc; border: 1px solid #000;"></div> silver                     <div style="width: 10px; height: 10px; background-color: #fff; border: 1px solid #000;"></div> white lacquered                     <div style="width: 10px; height: 10px; background-color: #000; border: 1px solid #000;"></div> black lacquered                 </div>	C28131N00 C28131L10 C28131L07
RG-1 Fastener set	- Cable adjustment at the ceiling, cable included	brass	<div style="display: flex; gap: 5px;"> <div style="width: 10px; height: 10px; background-color: #ccc; border: 1px solid #000;"></div> silver glossy                     <div style="width: 10px; height: 10px; background-color: #ccc; border: 1px solid #000;"></div> silver satin                     <div style="width: 10px; height: 10px; background-color: #fff; border: 1px solid #000;"></div> white colored                     <div style="width: 10px; height: 10px; background-color: #000; border: 1px solid #000;"></div> black colored                 </div>	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	<div style="display: flex; gap: 5px;"> <div style="width: 10px; height: 10px; background-color: #ccc; border: 1px solid #000;"></div> gray lacquered                     <div style="width: 10px; height: 10px; background-color: #fff; border: 1px solid #000;"></div> white lacquered                     <div style="width: 10px; height: 10px; background-color: #000; border: 1px solid #000;"></div> black lacquered                 </div>	C24540L01 C24540L10 C24540L07

## RELATED ACCESSORIES > OTHER ACCESSORIES > COUPLERS

Name	Key features	Material	Color	Ref.
L135 Coupler	- Facilitates building lighting structures	aluminum	<div style="display: flex; gap: 5px;"> <div style="width: 10px; height: 10px; background-color: #ccc; border: 1px solid #000;"></div> silver                 </div>	L135
L135PW Coupler	- Facilitates building lighting structures	aluminum	<div style="display: flex; gap: 5px;"> <div style="width: 10px; height: 10px; background-color: #ccc; border: 1px solid #000;"></div> silver                 </div>	L135PW
L135PZ Coupler	- Facilitates building lighting structures	aluminum	<div style="display: flex; gap: 5px;"> <div style="width: 10px; height: 10px; background-color: #ccc; border: 1px solid #000;"></div> silver                 </div>	L135PZ
L90 Coupler	- Facilitates building lighting structures	aluminum	<div style="display: flex; gap: 5px;"> <div style="width: 10px; height: 10px; background-color: #ccc; border: 1px solid #000;"></div> silver                 </div>	L90
L90PW Coupler	- Facilitates building lighting structures	aluminum	<div style="display: flex; gap: 5px;"> <div style="width: 10px; height: 10px; background-color: #ccc; border: 1px solid #000;"></div> silver                 </div>	L90PW
L90PZ Coupler	- Facilitates building lighting structures	aluminum	<div style="display: flex; gap: 5px;"> <div style="width: 10px; height: 10px; background-color: #ccc; border: 1px solid #000;"></div> silver                 </div>	L90PZ
T135L Coupler	- Facilitates building lighting structures	aluminum	<div style="display: flex; gap: 5px;"> <div style="width: 10px; height: 10px; background-color: #ccc; border: 1px solid #000;"></div> silver                 </div>	T135L
T135R Coupler	- Facilitates building lighting structures	aluminum	<div style="display: flex; gap: 5px;"> <div style="width: 10px; height: 10px; background-color: #ccc; border: 1px solid #000;"></div> silver                 </div>	T135R
T90 Coupler	- Facilitates building lighting structures	aluminum	<div style="display: flex; gap: 5px;"> <div style="width: 10px; height: 10px; background-color: #ccc; border: 1px solid #000;"></div> silver                 </div>	T90
X135 Coupler	- Facilitates building lighting structures	aluminum	<div style="display: flex; gap: 5px;"> <div style="width: 10px; height: 10px; background-color: #ccc; border: 1px solid #000;"></div> silver                 </div>	X135
X90 Coupler	- Facilitates building lighting structures	aluminum	<div style="display: flex; gap: 5px;"> <div style="width: 10px; height: 10px; background-color: #ccc; border: 1px solid #000;"></div> silver                 </div>	X90

## RELATED ACCESSORIES > OTHER ACCESSORIES > ADDITIONAL ITEMS

Name	Key features	Material	Color	Ref.
LENZO Adapter	- Necessary when using the DILENSO cover	PC	<div style="display: flex; gap: 5px;"> <div style="width: 10px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, #ccc 2px, #ccc 4px); border: 1px solid #000;"></div> transparent glossy                 </div>	E62146
ZM-16 Adapters set	- Connection of the ZM system with the 45-STN mount	PC	<div style="display: flex; gap: 5px;"> <div style="width: 10px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, #ccc 2px, #ccc 4px); border: 1px solid #000;"></div> transparent                 </div>	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

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