

- Minimalistic form
- Smooth extrusions walls
- High lumen output
- Wide range of accessories
- Possibility to use current modules with efficiency up to 190lm/W and CRI>90. Available upon request.

### APPLICATION

- main, decorative and functional lighting

### MOUNTING

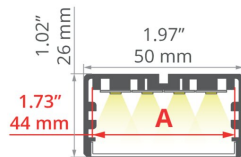
- suspended or to the surface, using dedicated accessories or properly selected screws

### ADDITIONAL INFORMATION

- both LED strips and LED current modules can be used
- when choosing a different length of profiles / covers than available in the standard, you should additionally choose the cutting service at KLUŚ
- NCS Premium paint option - minimum order quantity 30pcs - available on order within 14 days

### TECHNICAL DRAWING

1:2



### TECHNICAL SPECIFICATIONS

Material	aluminum
Possible fixture IP	20, 65
Possible fixture shapes	linear, polygonal
Profile cross-section	rectangular
Width	2"
Height	1"
LED gluing width A	1.7"
Number of LED strips A (0.31" wide)	5
Width of the glow	44.6 mm
Max power of a single KLUŚ LED strip	7.3 W/ft
Dedicated space for power supply	yes
Possibility of obtaining a line of light	yes
Possibility of bending	yes
Radius of the light arc	yes
Inward	600 mm
Outdoor	600 mm

Color	Length	Ref
■ silver anodized	39.4"	A02609A_1
	78.9"	A02609A_2
	118.5"	A02609A_3
□ white lacquered	78.9"	A02609L10OD_2

# LIPOD-50 Extrusion

Ref. A02609

Building type	Commercial, Retail, Entertainment/ Arts, Hotel / Restaurant
Facility zone	office, lobby / foyer
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-45 satin	LIGER-45 black
K-2400-24	✓ (3)	X
K-2300-24	✓ (3)	X
K-CR-1220-24	✓ (3)	X
K-CR-1275-24	✓ (3)	X
K-CRHD-1820-24	✓ (3)	X
K-CRHD-1910-24	✓ (3)	X
KWP-CRHD-1910-24	✓ (3)	X
K-HEHD-0480-24	✓ (3)	X
K-HEHD-0960-24	✓ (3)	X
K-HEHD-1440-24	✓ (3)	X
K-HEHD-1920-24	✓ (3)	X
K-HEHD-0320-24	✓ (3)	X
K-BLUE-1220-24	✓ (3)	X
K-GREEN-1220-24	✓ (3)	X
K-RED-1220-24	✓ (3)	X
K-RGBW-1920-120-24	✓ (3)	X
KWP-RGB-1200-24	✓ (3)	X
K-22/50-1728-24	✓ (3)	X
K-27/65-1920-24	✓ (3)	X
K-18D30-0960-24	✓ (3)	X
KWP-18D30-0960-24	✓ (3)	X
KWP-27T50-1440-24	✓ (3)	X
K-27T50-1440-24	✓ (3)	X
K-CRHD-0530-24	✓ (3)	X
KWP-GRGBW-1920-120-24	✓ (3)	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 > TRIMLESS



**KOZUS-50 Extrusion**  
A00958

## SIMILAR EXTRUSIONS





**LARKO-50 Extrusion**  
A00756

# LIPOD-50 Extrusion

Ref. A02609

## RELATED ACCESSORIES > COVERS

NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
G-50S Cover  <b>NEW</b>	<ul style="list-style-type: none"> <li>- Compatible with LIPOD-50, KOZEL-50, KOZUS-50, and LARKO-50 profiles</li> <li>- Features three lighting planes, creating an impressive, three-dimensional line of light</li> <li>- Enables the creation of a light structure protruding above the ceiling, giving the installation a unique, architectural character</li> <li>- Thanks to its modular design, it allows for flexible shaping of forms and spatial arrangements</li> <li>- Provides uniform light distribution and high aesthetic finish</li> </ul>	PC	13 %	black	B17214B
			69 %	satın	B17214S
LIGER-45 Cover 	<ul style="list-style-type: none"> <li>- indoor use</li> <li>- Ease of obtaining a line of light</li> <li>- perfectly diffusing</li> </ul>	PC	22 %	black	B17086B
			64 %	satın	B17086S

## RELATED ACCESSORIES > END CAPS

NAME	MATERIAL	COLOR	REF.
End cap LIPOD-50-NHQ  <b>NEW</b>	aluminum, PET-G	 silver	C28146AS
LIPOD-50S End cap  <b>NEW</b>	ASA	 black	C24575C07
		 gray	C24575C02
		 white	C24575L10
LIPOD-50 End cap 	ABS	 black	C28028C07
		 gray	C28028C02
		 silver	C28028L01
		 white	C28028L10

## RELATED ACCESSORIES > RELATED LED > CRI 90+

Name	Key features	IP protection rating	Power consumption	Ref.
KWP-GHD-1640-24 LED tape	- high LED density	65	5 W/ft	KWP-GHD22-1640-24 KWP-GHD25-1640-24 KWP-GHD27-1640-24 KWP-GHD30-1640-24 KWP-GHD35-1640-24 KWP-GHD40-1640-24 KWP-GHD50-1640-24

# LIPOD-50 Extrusion

Ref. A02609

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
KWP-GHD-1910-24 LED tape	- high LED density	65	2.8 W/ft	KWP-GHD22-1910-24 KWP-GHD25-1910-24 KWP-GHD27-1910-24 KWP-GHD30-1910-24 KWP-GHD35-1910-24 KWP-GHD40-1910-24 KWP-GHD50-1910-24
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 > CRI 95+

Name	Key features	IP protection rating	Power consumption	Ref.
KWP-CR-1220-24 LED tape	- CRI over 95	65	2.9 W/ft	KWP-CR22-1220-24 KWP-CR25-1220-24 KWP-CR27-1220-24 KWP-CR30-1220-24 KWP-CR35-1220-24 KWP-CR40-1220-24 KWP-CR50-1220-24
KWP-CR-1275-24 LED tape	- CRI over 95	65	4.4 W/ft	KWP-CR22-1275-24 KWP-CR25-1275-24 KWP-CR27-1275-24 KWP-CR30-1275-24 KWP-CR35-1275-24 KWP-CR40-1275-24 KWP-CR50-1275-24
KWP-CRHD-1910-24 LED tape	- CRI over 95 - high LED density	65	2.8 W/ft	KWP-CRHD22-1910-24 KWP-CRHD25-1910-24 KWP-CRHD27-1910-24 KWP-CRHD30-1910-24 KWP-CRHD35-1910-24 KWP-CRHD40-1910-24 KWP-CRHD50-1910-24
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

# LIPOD-50 Extrusion

Ref. A02609

Name	Key features	IP protection rating	Power consumption	Ref.
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
KWP-HEHD-1440-24-40C LED tape	- High Efficacy - cold weather -40F	65	4.4 W/ft	KWP-HEHD22-1440-24-40C KWP-HEHD25-1440-24-40C KWP-HEHD27-1440-24-40C KWP-HEHD30-1440-24-40C KWP-HEHD35-1440-24-40C KWP-HEHD40-1440-24-40C KWP-HEHD50-1440-24-40C
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 > RGB / RGB-W / RGB-CTT

Name	Key features	IP protection rating	Power consumption	Ref.
K-RGBW-1920-120-24 LED tape	- RGBW (3000K)	20	5.9 W/ft	K-RGBW-1920-120-24
K-RGB27T65-1200-24 LED tape	- RGB+Tunable White	20	3.7 W/ft	K-RGB27T65-1200-24
KWP-RGB-1275-12 LED tape		65	4.4 W/ft	KWP-RGB-1275-12
KWP-RGBW-1920-24 LED tape	- RGB	65	5.9 W/ft	KWP-RGBW-1920-24
LED tape KWP-RGB27T65-1200-24	- RGB+Tunable White	65	3.7 W/ft	KWP-RGB27T65-1200-24
KWP-RGB-1920-24 LED tape	- RGB	65	5.9 W/ft	KWP-RGB-1920-24
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 > ADJUSTABLE WHITE / DIM TO WARM

Name	Key features	IP protection rating	Power consumption	Ref.
LED tape K-27/65-1920-24V	- Tuneable white 2600K-6500K	20	5.9 W/ft	K-27/65-1920-24
LED tape KWP-27/65-1920-24	- Tuneable white 2600K-6500K	65	5.9 W/ft	KWP-27/65-1920-24
LED tape K-22/50-1728-24V	- Tuneable white 2200K-5000K	20	5.3 W/ft	K-22/50-1728-24
LED tape KWP-22/50-1728-24	- Tuneable white 2200K-5000K	65	5.3 W/ft	KWP-22/50-1728-24
LED tape KWP-30/18-1770-24		65	3.5 W/ft	KWP-30/18-1770-24
LED tape KWP-G22/50-1728-24	- Tuneable white 2200K-5000K	65	5.3 W/ft	KWP-G22/50-1728-24

## RELATED ACCESSORIES > RELATED LED > STATIC COLORS

Name	Key features	IP protection rating	Power consumption	Ref.
LED tape K-BLUE-1220-24	- blue LED strip	20	2.9 W/ft	K-BLUE-1220-24
LED tape K-GREEN-1220-24	- green LED strip	20	2.9 W/ft	K-GREEN-1220-24
LED tape K-RED-1220-24	- red LED strip	20	2.9 W/ft	K-RED-1220-24
LED tape KWP-GREEN-1210-24	- green LED strip	65	1.5 W/ft	KWP-GREEN-1210-24

## 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
KWP-HEHD-0480-24 LED tape	- High Efficacy	65	1.5 W/ft	KWP-HEHD22-0480-24 KWP-HEHD25-0480-24 KWP-HEHD27-0480-24 KWP-HEHD30-0480-24 KWP-HEHD35-0480-24 KWP-HEHD40-0480-24 KWP-HEHD50-0480-24
KWP-HEHD-0960-24 LED tape	- CRI over 95 - High Efficacy	65	2.9 W/ft	KWP-HEHD22-0960-24 KWP-HEHD25-0960-24 KWP-HEHD27-0960-24 KWP-HEHD30-0960-24 KWP-HEHD35-0960-24 KWP-HEHD40-0960-24 KWP-HEHD50-0960-24
KWP-HEHD-1440-24 LED tape	- CRI over 95 - High Efficacy	65	4.4 W/ft	KWP-HEHD22-1440-24 KWP-HEHD25-1440-24 KWP-HEHD27-1440-24 KWP-HEHD30-1440-24 KWP-HEHD35-1440-24 KWP-HEHD40-1440-24 KWP-HEHD50-1440-24

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-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

Name	Key features	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	- 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 KWP-27T50-1440-24		65	4.4 W/ft	KWP-27T50-1440-24
LED tape K-18D30-0960-24	- Dim To Warm LED Stripe	20	2.9 W/ft	K-18D30-0960-24
LED tape KWP-18D30-0960-24		65	2.9 W/ft	KWP-18D30-0960-24
LED tape KWP-RGB-1200-24	- RGB	65	3.7 W/ft	KWP-RGB-1200-24




## RELATED ACCESSORIES > OTHER ACCESSORIES > MOUNTING BRACKETS

Name	Key features	Material	Color	Ref.
Fastener set NEO-ZM-PLUS-3	- 3 pieces for heavy fixtures	magnet	 silver	C28107N00
Fastener set NEO-ZM-PLUS-4	- 4 pieces for heavy fixtures	magnet	 silver	C28108N00

## 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
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

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

Name	Key features	Material	Color	Ref.
BZP Head		stainless steel	 silver	C28113N00
FI-10-ZM-W Fastener		stainless steel	 silver	C28116N00
FI-10-ZM-P Fastener	- Cross mounting	stainless steel	 silver	C28117N00

## 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	<input type="checkbox"/> silver <input type="checkbox"/> white lacquered <input type="checkbox"/> 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	<input type="checkbox"/> silver <input type="checkbox"/> white lacquered <input type="checkbox"/> 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	<input type="checkbox"/> silver <input type="checkbox"/> white lacquered <input type="checkbox"/> black lacquered	C28130N00 C28130L10 C28130L07
Fastener set PUSZ-ZM-2 <b>NEW</b>	- 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 > SECURITY AND BLOCKS




Name	Key features	Material	Color	Ref.
Block ZM, gray	- Accessory locking in the ZM system	silicon	<input type="checkbox"/> gray	C28194N00

## 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

Name	Key features	Material	Color	Ref.
T90 Coupler	- Facilitates building lighting structures	aluminum	 silver	T90
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.
M8x1 Gland		brass		C42265N00
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 > CONTROLLERS

Name	IP protection rating	Ref.
Controller LED Casambi CBU-PWM4	20	E62148

## RELATED ACCESSORIES > ELECTRONICS > SWITCHES

Name	Key features	IP protection rating	Ref.
Proximity switch UNI	- touchless switch - width only 7mm	20	E61579