Profile PIKO-ZM

Ref. A01168



KEY FEATURES

- Minimum width and height
- Possibility of installing sealed 5K series LED strips
- Easy maintenance
- Wide range of accessories
- Small bending radius
- Possibility of bending in the light plane

APPLICATION

furniture and decorative lighting

MOUNTING

to the surface, suspended or recessed, using a dedicated mounting track, dedicated accessories, or mounting adhesive

ADDITIONAL INFORMATION

- for suspending small-size profiles, it is recommended to use a wire with a diameter of 0.5 mm
- 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 immediately

Standard lengths of KLUŚ profiles and covers: 1000 mm (tolerance ± 1.5 mm) and 2005 mm / 3010 mm (tolerance + 5 mm); for selected covers: 6050 mm, 10050 mm (tolerance + 5 mm)

IP PROTECTION RATING

IP20 IP67

MOUNTING METHOD

Suspended

Trimless

Recessed with suspension function

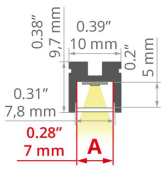
SPECIAL FEATURES

Possibility of twisting

Possibility of bending

Profile PIKO-ZM
Ref. A01168

TECHNICAL DRAWING



AVAILABLE COLOURS

COLOR	LENGTH	REF
silver anodized	1000 mm	A01168A_1
	2005 mm	A01168A_2
	3010 mm	A01168A_3
white lacquered	1000 mm	A01168L10OD_1
	2005 mm	A01168L10OD_2
black anodized	1000 mm	A01168A07_1
	2005 mm	A01168A07_2
	3010 mm	A01168A07_3
caramel (NCSS3030-Y60R) lacquered	2005 mm	A01168L14OD_2
sand (NCSS2010-Y30R) lacquered		A01168L11OD_2
light sage (NCSS2010-G50Y) lacquered		A01168L12OD_2
pastel blue (NCSS2010-B) lacquered		A01168L13OD_2

TECHNICAL SPECIFICATIONS

Material	aluminum
Possible fixture IP	20, 67
Possible fixture shapes	linear, polygonal, round
Profile cross-section	rectangular
Width	10 mm
Height	9.7 mm
LED gluing width A	7 mm
Width of the glow	7.2 mm
Max power of a single KLUŚ LED strip	9.6 W/m
Possibility of twisting	yes
Possibility of obtaining a line of light	yes
Possibility of bending	yes
Radius of the light arc	yes
Inward	220 mm
Outdoor	120 mm
Downward light arc radius	yes
Down	250 mm
Building type	Commercial, Retail, Entertainment/ Arts, HoReCa object
Facility zone	bathroom, kitchen, office, exhibition / tradeshow / display, decorative, media rooms / av
The cover is cut to the length of the profile	yes
Can be easily connected into runs	yes
Wire out end cap	yes
Wire out back of extrusion	yes
Possibility of bending in the light plane	yes

RELATED ACCESSORIES > COVERS

NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
Cover PIKO-7	- For indoor and outdoor applications - Perfectly diffusing - UV resistant - Thin line of light	PMMA	17 %	black	B17001B
			43 %	satin	B17001S
Cover BENCO-7	- indoor use - perfect for bent profiles	silicon	53 %	frosted	B17069F

LINE OF LIGHT TABLE

LED TAPE	COVER BENCO-7 FROSTED	COVER PIKO-7 SATIN
K-1490-24	✓ (1)	✓ (1)
K-BT-1490-24	✓ (1)	✓ (1)
K-BT27T50-0910-24	✓ (1)	✓ (1)
K-0910-24	✓ (1)	✓ (1)
K-BT-0910-24	✓ (1)	✓ (1)

Profile PIKO-ZM
Ref. A01168

K-0450-24	✓ (1)	✓ (1)
K-BT-0450-24	✓ (1)	✓ (1)
K-SHD-0960-24	✓ (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

RELATED ACCESSORIES > END CAPS

NAME	MATERIAL	COLOR	REF.
End cap PIKO-ZM 	ABS	black	C24307C07
		caramel (NCSS3030-Y60R)	C24307L14
		gray	C24307C02
		light sage (NCSS2010-G50Y)	C24307L12
		pastel blue (NCSS2010-B)	C24307L13
		sand (NCSS2010-Y30R)	C24307L11
		white	C24307C10
PIKO-ZM-OTW 	ABS	black	C24307C07TW
		gray	C24307C02TW
		white	C24307C10TW

RELATED ACCESSORIES > PROFILE TECHNICZNE

NAME	MATERIAL	COLOR	REF.
Profile TEPIKO	aluminum	silver non anodized	A18046

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > CANOPIES

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Canopy Fi-60mm	- Convenient cable length adjustment, in the ZM system	steel	gray lacquered white lacquered black lacquered	C24540L01 C24540L10 C24540L07
Canopy BOX-M70		aluminum	silver anodized white lacquered black anodized	C24541A C24541L10 C24541A07
Canopy BOX-M600		aluminum	silver anodized white lacquered black anodized	C24542A C24542L10 C24542A07

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > MOUNTING BRACKETS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Mounting bracket K-10	- Transparent – aesthetic installation of minimalist linear fixtures	PC	transparent non colored	C24340C00
Fastener set NEO-ZM-3	- 3 pieces for heavy fixtures	magnet	silver	C28105N00
Fastener set NEO-ZM-4	- 4 pieces for light fixtures	magnet	silver	C28106N00
Mounting bracket DS	- For indoor and outdoor applications	stainless steel	silver black	C28096N00 C28096L07

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > FASTENERS AND HEADS FOR PROFILES

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Fastener K-10-PP, silver	- Cross mounting	stainless steel, PC	silver	C28235N00
Fastener FI-8-LIN-ZM	- Installation in the ZM system	stainless steel, PA	silver white black	C28170N00 C28170L10 C28170L07
Fastener FI-10-ZM-P, silver	- Cross mounting	stainless steel	silver	C28117N00
Fastener UCHO-ZM	- Convenient mounting in the ZM system	aluminum	black anodized	C28192L07

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

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Fastener FI-8-LIN-ZMZ	- Power supply - mounting in the ZM system	stainless steel, steel, PA, EPDM aluminum, PA, EPDM aluminum, PA, EPDM	silver white black	C28171N00 C28171L10 C28171L07
Fastener PUSZ-ZM	- Power supply - mounting in the ZM system	stainless steel aluminum aluminum	silver white lacquered black lacquered	C20010N00 C20010L10 C20010L07
Fastener FI-8-PRET-ZMZ, silver	- Power supply - mounting in the ZM system	stainless steel	silver anodized	C28190N00

Profile PIKO-ZM
Ref. A01168

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > CONNECTORS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Connector ZM-MINI		stainless steel	silver	C28083N00
Connector ZM		stainless steel	silver	42716 42720 42728 C28070N00 C28071N00 C28072N00 C28073N00 C28074N00 C28075N00 C28243N00
Connector ZM-G		stainless steel	silver	42304 42306 42308 42310 42324 42326 42328 42330 42332 42334 42336 42338
Connector ZM-Y		stainless steel	silver	C28082N00
Connector ZM-X		stainless steel	silver	C28079N00 C28080N00 C28081N00
Connector ZM-T		stainless steel	silver	C28076N00 C28077N00 C28078N00
Connector ZM-PION	- for connecting profiles in the vertical plane	stainless steel	silver	42314 42316 42320 42718 42719 C28084N00 C28085N00 C28086N00 C28087N00 C28088N00

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > SUSPENSION AND MOUNTING SETS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Fastener set RD-1	- Smooth cable adjustment, cable included	brass	silver glossy silver satin white lacquered black lacquered	C28231P00 C28231P01 C28231L10 C28231L07
Fastener set RG-1	- Cable adjustment at the ceiling, cable included	brass	silver glossy silver satin white colored black colored	C28230P00 C28230P01 C28230L10 C28230L07
Fastener set RD-2	- Smooth cable adjustment, angled mounting, cable included	brass	silver glossy silver satin white lacquered black lacquered	C28232P00 C28232P01 C28232L10 C28232L07
Fastener set RD-3	- Smooth cable adjustment	brass	silver glossy silver satin white lacquered black lacquered	C28233P00 C28233P01 C28233L10 C28233L07
Fastener set RD-4	- Smooth cable adjustment, angled mounting	brass	silver glossy silver satin white lacquered black lacquered	C28234P00 C28234P01 C28234L10 C28234L07
Fastener set FI-8-ZM-1	- Power supply, for wall and drywall, in the ZM system	stainless steel, aluminum	silver white lacquered black lacquered	C28134N00 C28134L10 C28134L07
Fastener set FI-8-ZM-2	- Convenient cable length adjustment, in the ZM system	stainless steel, aluminum	silver white lacquered black lacquered	C28135N00 C28135L10 C28135L07

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > LATCHES

NAME	MATERIAL	COLOR	REF.
Latch TEKNIK	PP	white	C24003C10
Adapters set ZM-10	PC	transparent	C29000C00

Profile PIKO-ZM
Ref. A01168

RELATED ACCESSORIES > RELATED LED > WHITE MONO

NAME	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-1490-24 14.9 W/m, IP20 NEW	20	14.9 W/m	K-27-1490-24 K-30-1490-24 K-35-1490-24 K-40-1490-24 K-50-1490-24
LED tape K-BT-1490-24 14.9 W/m, IP20 NEW	20	14.9 W/m	K-BT27-1490-24 K-BT30-1490-24 K-BT35-1490-24 K-BT40-1490-24 K-BT50-1490-24

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

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-RGB-1560-24	- RGB	20	15.7 W/m	K-RGB-1560-24

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

NAME	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-BT27T50-0910-24	20	9.1 W/m	K-BT27T50-0910-24

RELATED ACCESSORIES > ELECTRONICS > SWITCHES

NAME	KEY FEATURES	IP PROTECTION RATING	REF.
Proximity switch UNI	- touchless switch - width only 7mm	20	E61579
Proximity switch UNI-P	- touchless switch - width only 7mm - factory pre-soldered wires	20	E61580