PIKO-45 Profile

Ref. A00014

NEW



KEY FEATURES

- The smallest 45-degree angle lighting profile on the market
- Compact dimensions allow the profile to be hidden in niches and recesses
- Possibility of installing sealed 5K series LED strips
- A wide range of accessories and mounting options
- Possibility to integrate a touchless UNI switch

APPLICATION

furniture, under-cabinet and decorative lighting

MOUNTING

to the surface, suspended or recessed, using dedicated accessories, properly selected screws, with double-sided adhesive tape or mounting adhesive
easy assembly and disassembly by snapping in and out

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

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 | IP65

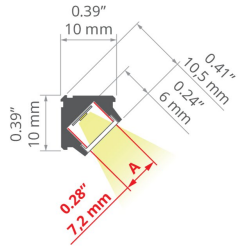
MOUNTING METHOD

Surface mounted

SPECIAL FEATURES

Possibility of bending

TECHNICAL DRAWING



AVAILABLE COLOURS

COLOR	LENGTH	REF
silver anodized	1000 mm	A00014A_1
	2005 mm	A00014A_2
	3010 mm	A00014A_3
black anodized	1000 mm	A00014A07_1
	2005 mm	A00014A07_2
	3010 mm	A00014A07_3
white lacquered	1000 mm	A00014L10_1
	2005 mm	A00014L10_2
	3010 mm	A00014L10_3

TECHNICAL SPECIFICATIONS

Material	aluminum
Possible fixture IP	20, 65
Possible fixture shapes	linear
Profile cross-section	angled
Width	11.1 mm
Height	11.1 mm
LED gluing width A	7.2 mm
Width of the glow	7 mm
Max power of a single KLUŚ LED strip	9.6 W/m
Lighting at an angle	45
Closet Rated	yes
Possibility of obtaining a line of light	yes
Possibility of bending	yes
Radius of the light arc	yes
Inward	250 mm
Building type	Residential, Retail, Other, HoReCa object
Facility zone	under-cabinet / furniture, kitchen, bathroom, exhibition / tradeshow / display, cove / perimeter
Easy assembly and disassembly by snapping in and out	yes
The cover is cut to the length of the profile	yes
Furniture lighting	yes
Decorative lighting	yes
Functional lighting	yes
Wire out end cap	yes
Wire out back of extrusion	yes

PIKO-45 Profile
Ref. A00014

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 PIKO-7R	- indoor use - Perfectly diffusing - Thin line of light	PMMA	24 %	black	B17164B
			52 %	satin	B17164S
			93 %	semi-transparent	B17164T
Cover BENCO-7	- indoor use - perfect for bent profiles	silicon	53 %	frosted	B17069F

LINE OF LIGHT TABLE

LED TAPE	COVER BENCO-7 FROSTED	OSŁONA
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)
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-45 	ABS	black	C24545C07
		gray	C24545C02
		white	C24545C10
PIKO-45-OTW 	ABS	black	C24545C07TW
		gray	C24545C02TW
		white	C24545C10TW
End cap PIKO-45-R 	ASA	black	C24772C07
		gray	C24772C02
		white	C24772C10
PIKO-45-R-OTW 	ASA	black	C24772C07TW
		gray	C24772C02TW
		white	C24772C10TW

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

PIKO-45 Profile
Ref. A00014

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

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