PIKO-45 Profile

Ref. A00014



IP20 IP65

- 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

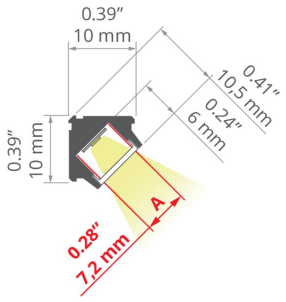
MOUNTING

- 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

TECHNICAL DRAWING



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**
Lighting at an angle	**45**
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**

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**

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)

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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

LINE OF LIGHT TABLE

LED tape	osłona	osłona
K-BT27T50-0910-24	✓ (1)	✓ (1)
K-1091-24	✓ (1)	✓ (1)
K-BT-0910-24	✓ (1)	✓ (1)
K-SHD-0960-24	✓ (1)	✓ (1)
K-0450-24	✓ (1)	✓ (1)
K-BT-0450-24	✓ (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

SAMPLE PROJECTS







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RELATED ACCESSORIES > COVERS

NAME	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
Cover PIKO-7	PMMA	17 %	black	B17001B
		43 %	satin	B17001S
Cover BENCO-7	silicon	53 %	frosted	B17069F
Cover PIKO-7R	PMMA	24 %	black	B17164B
		52 %	satin	B17164S
		93 %	semi-transparent	B17164T

RELATED ACCESSORIES > END CAPS

NAME	MATERIAL	COLOR	REF.
End cap PIKO-45 NEW 	ABS	black	C24545C07
		gray	C24545C02
		white	C24545C10
End cap with hole PIKO-45-OTW NEW 	ABS	black	C24545C07TW
		gray	C24545C02TW
		white	C24545C10TW
End cap PIKO-45-R NEW 	ASA	black	C24772C07
		gray	C24772C02
		white	C24772C10
End cap with hole PIKO-45-R-OTW NEW 	ASA	black	C24772C07TW
		gray	C24772C02TW
		white	C24772C10TW

RELATED ACCESSORIES > RELATED LED > ULTRATHIN

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Name	Stopień ochrony IP	Moc	Ref.
LED tape K-0450-24 NEW	20	4.5 W/m	K-0450-24
LED tape K-SHD-0960-24 NEW	20	9.6 W/m	K-SHD-0960-24
LED tape KWP-5K-0450-24 NEW	65	4.5 W/m	KWP-5K-0450-24
LED tape KWP-5KSHD-0960-24 NEW	65	9.6 W/m	KWP-5KSHD-0960-24
LED tape K-1091-24	20	9.1 W/m	K-1091-24

RELATED ACCESSORIES > RELATED LED > WHITE MONO

Name	Stopień ochrony IP	Moc	Ref.
LED tape KWP-5K-1091-24	65	9.1 W/m	KWP-5K-1091-24

RELATED ACCESSORIES > RELATED LED > BENDABLE

Name	Stopień ochrony IP	Moc	Ref.
LED tape K-BT-0450-24 NEW	20	4.5 W/m	K-BT-0450-24
LED tape K-BT-0910-24	20	9.1 W/m	K-BT-0910-24
LED tape K-VBT-0720-24	20	7.2 W/m	K-VBT-0720-24

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

Name	Stopień ochrony IP	Moc	Ref.
LED tape K-BT27T50-0910-24 NEW	20	9.1 W/m	K-BT27T50-0910-24

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

Name	Stopień ochrony IP	Moc	Ref.
LED tape K-RGB-1560-24	20	15.6 W/m	K-RGB-1560-24

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > MOUNTING BRACKETS

Name	Materiał	Kolor	Ref.
Mounting bracket K-10	PC	transparent non colored	C24340C00

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

Name	Materiał	Kolor	Ref.
Fastener K-10-PP	stainless steel, PC	silver	C28235N00

RELATED ACCESSORIES > ELECTRONICS > SWITCHES

Name	Stopień ochrony IP	Ref.
Magnetic switch UNI-M07 NEW	20	E62153

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Name	Stopień ochrony IP	Ref.
Magnetic switch UNI-M07P NEW	20	E62154
Proximity switch UNI	20	E61579
Proximity switch UNI-P	20	E61580