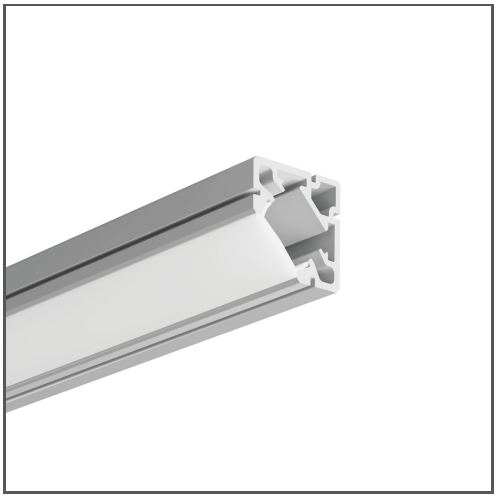
Profile 45-PLUS
Ref. A00005



KEY FEATURES

- Installation in corners
- Lighting at a 45° angle
- Wide range of accessories
- Ease of creating geometric figures
- Possibility of mounting sealed LED strips of the 8K series

APPLICATION

furniture, under-cabinet and decorative lighting

MOUNTING

to the surface or suspended, using dedicated accessories

ADDITIONAL INFORMATION

- 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)

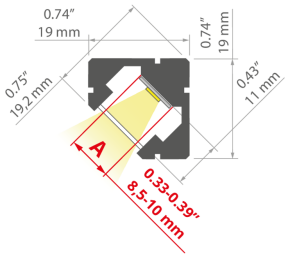
IP PROTECTION RATING

IP20 | IP67

MOUNTING METHOD

Surface mounted

TECHNICAL DRAWING



AVAILABLE COLOURS

COLOR	LENGTH	REF
silver anodized	1000 mm	A00005A_1
	2005 mm	A00005A_2
	3010 mm	A00005A_3
silver non anodized	1000 mm	A00005N_1
	2005 mm	A00005N_2
	3010 mm	A00005N_3
white lacquered	1000 mm	A00005L10OD_1
	2005 mm	A00005L10OD_2
	3010 mm	A00005L10OD_3
black anodized	1000 mm	A00005A07_1
	2005 mm	A00005A07_2
	3010 mm	A00005A07_3

TECHNICAL SPECIFICATIONS

Material	aluminum
Possible fixture IP	20, 67
Possible fixture shapes	linear
Profile cross-section	angled
Width	19 mm
Height	19 mm
LED gluing width A	8.5 mm
Max. number of LED strips A (8 mm wide)	1
Width of the glow	11.2 mm
Max power of a single KLUŚ LED strip	24 W/m
Lighting at an angle	45
Possibility of obtaining a line of light	yes
Building type	Residential, Retail, HoReCa object, Entertainment/ Arts, Other
Facility zone	office, kitchen, bathroom, under-cabinet / furniture, cove / perimeter, exhibition / tradeshow / display
Easy assembly and disassembly by snapping in and out	yes
The cover is cut to the length of the profile	yes
Can be easily connected into runs	yes
Furniture lighting	yes
Decorative lighting	yes
Functional lighting	yes
Wire out end cap	yes
Wire out back of extrusion	yes

Profile 45-PLUS
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RELATED ACCESSORIES > COVERS

NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
Cover LIGER-11	- hight light quality - Ease of obtaining a line of light - Perfectly diffusing - For indoor and outdoor applications	PC	21 %	black	B17037B
			59 %	satin	B17037S
Cover KA-11	- maximum brightness - indoor use - basic - universal	PC	67 %	frosted	B17064F
			89 %	clear	B17064C
Cover KA-11R	- maximum brightness - hight durability - hight light quality - indoor use - Perfectly diffusing	PC	62 %	frosted	B17076F
Cover KA-T-11	- maximum brightness - indoor use - economic - universal for basic applications	PVC	54 %	frosted	B17179F
			86 %	clear	B17179C
Cover HS-11	- For indoor and outdoor applications - UV resistant - hight durability	PC	59 %	frosted	B17208F
			88 %	clear	B17208C

LINE OF LIGHT TABLE

LED TAPE	LIGER-11 SATIN	LIGER-11 BLACK	HS-11 FROSTED	KA-11R FROSTED	KA-T-11R FROSTED
K-0360-24	✓ (1)	X	✓ (1)	✓ (1)	✓ (1)
K-0720-24	✓ (1)	X	✓ (1)	✓ (1)	✓ (1)
K-1080-24	✓ (1)	X	✓ (1)	✓ (1)	✓ (1)
K-0500-24	✓ (1)	X	✓ (1)	✓ (1)	✓ (1)
K-1000-24	✓ (1)	X	✓ (1)	✓ (1)	✓ (1)
K-1500-24	✓ (1)	X	✓ (1)	✓ (1)	✓ (1)
K-CB-1000-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-2400-24	✓ (1)	X	✓ (1)	✓ (1)	✓ (1)
K-RGB-1200-24	✓ (1)	X	✓ (1)	✓ (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 45-PLUS	NEW 	ABS	black	C20007C07
			gray	C20007C02
			white	C20007C10
45-PLUS-OTW	NEW 	ABS	black	C20007C07TW
			gray	C20007C02TW
			white	C20007C10TW
45-PLUS-R-OTW	NEW 	ABS	black	C20008C07TW
			gray	C20008C02TW
			white	C20008C10TW
End cap 45-PLUS-R	NEW 	ABS	black	C20008C07
			gray	C20008C02
			white	C20008C10

Profile 45-PLUS
Ref. A00005

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > MOUNTING BRACKETS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Mounting bracket 45-EXT NEW	- Mounting with angle adjustment function	aluminum, stainless steel	gray	C28309N00
Mounting bracket 45-STN	- For indoor and outdoor applications	stainless steel	silver black white	C24144N00 C24262L07 C24265L10

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

NAME	MATERIAL	COLOR	REF.
Head 45-ST	stainless steel	silver	C28111N00

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > CONNECTORS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Connector ZM		stainless steel	silver	42716 42720 42728 C28070N00 C28071N00 C28072N00 C28073N00 C28074N00 C28075N00 C28243N00
Connector ZM-NA		stainless steel	silver	42305 42339 42725 C28242N00
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 > RELATED LED > CRI 95+

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-CR-0480-24	- universal for basic applications - CRI over 95	20	4.8 W/m	K-CR27-0480-24 K-CR30-0480-24 K-CR40-0480-24
LED tape K-CR-0960-24	- universal for basic applications - CRI over 95	20	9.6 W/m	K-CR40-0960-24
LED tape K-CR-1440-24	- universal for basic applications - CRI over 95	20	14.4 W/m	K-CR27-1440-24 K-CR30-1440-24 K-CR40-1440-24
LED tape KWP-8KCR-0480-24	- universal for basic applications - easy snap-in installation - CRI over 95	65	4.8 W/m	KWP-8KCR27-0480-24 KWP-8KCR30-0480-24 KWP-8KCR35-0480-24 KWP-8KCR40-0480-24 KWP-8KCR50-0480-24
LED tape KWP-CR-0480-24	- universal for basic applications - CRI over 95	65	4.8 W/m	KWP-CR27-0480-24 KWP-CR30-0480-24 KWP-CR35-0480-24 KWP-CR40-0480-24 KWP-CR50-0480-24
LED tape KWP-8KCR-0960-24	- universal for basic applications - easy snap-in installation	65	9.6 W/m	KWP-8KCR35-0960-24 KWP-8KCR40-0960-24 KWP-8KCR50-0960-24
LED tape KWP-CR-0960-24	- universal for basic applications - CRI over 95	65	9.6 W/m	KWP-CR40-0960-24 KWP-CR50-0960-24

RELATED ACCESSORIES > RELATED LED > WHITE MONO

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-0360-24 3.6 W/m, IP20 NEW		20	3.6 W/m	K-27-0360-24 K-30-0360-24 K-35-0360-24 K-40-0360-24 K-50-0360-24
LED tape K-HD-0480-24	- high LED density - Ease of obtaining a line of light	20	4.8 W/m	K-HD27-0480-24 K-HD40-0480-24
LED tape K-0500-24 5 W/m, IP20 NEW	- Thin line of light - longitudinal bending - Flexibility for bending	20	5 W/m	K-30-0500-24 K-40-0500-24
LED tape K-0720-24 7.2 W/m, IP20 NEW		20	7.2 W/m	K-27-0720-24 K-30-0720-24 K-35-0720-24 K-40-0720-24 K-50-0720-24

Profile 45-PLUS
Ref. A00005

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-HD-0960-24	- high LED density - Ease of obtaining a line of light	20	9.6 W/m	K-HD40-0960-24
LED tape K-1000-24 10 W/m, IP20 NEW		20	10 W/m	K-30-1000-24 K-40-1000-24
LED tape K-CB-1000-24 10 W/m, IP20 NEW		20	10 W/m	K-CB27-1000-24 K-CB30-1000-24 K-CB40-1000-24 K-CB50-1000-24
LED tape K-1080-24 10.8 W/m, IP20 NEW		20	10.8 W/m	K-27-1080-24 K-30-1080-24 K-35-1080-24 K-40-1080-24 K-50-1080-24
LED tape K-1440-24	- universal for basic applications	20	14.4 W/m	K-27-1440-24 K-40-1440-24 K-40-1440-24-R30
LED tape K-HD-1440-24	- high LED density - Ease of obtaining a line of light	20	14.4 W/m	K-HD40-1440-24
LED tape K-1500-24 15 W/m, IP20 NEW		20	15 W/m	K-30-1500-24 K-35-1500-24 K-40-1500-24
LED tape K-2400-24	- high power	20	24 W/m	K-27-2400-24 K-30-2400-24 K-35-2400-24 K-40-2400-24 K-50-2400-24
LED tape KWP-8K-0360-24 3.6 W/m, IP65 NEW		65	3.6 W/m	KWP-8K27-0360-24 KWP-8K30-0360-24 KWP-8K35-0360-24 KWP-8K40-0360-24 KWP-8K50-0360-24
LED tape KWP-0480-24	- universal for basic applications	65	4.8 W/m	KWP-27-0480-24 KWP-30-0480-24 KWP-50-0480-24
LED tape KWP-8K-0480-24	- universal for basic applications - easy snap-in installation	65	4.8 W/m	KWP-8K27-0480-24 KWP-8K30-0480-24 KWP-8K50-0480-24
LED tape KWP-8K-0500-24 5 W/m, IP65 NEW		65	5 W/m	KWP-8K30-0500-24 KWP-8K40-0500-24
LED tape KWP-G-0500-24 5 W/m, IP65 NEW		65	5 W/m	KWP-G30-0500-24 KWP-G40-0500-24
LED tape KWP-8K-0720-24 7.2 W/m, IP65 NEW		65	7.2 W/m	KWP-8K27-0720-24 KWP-8K30-0720-24 KWP-8K35-0720-24 KWP-8K40-0720-24 KWP-8K50-0720-24
LED tape KWP-0960-24	- universal for basic applications	65	9.6 W/m	KWP-40-0960-24
LED tape KWP-8K-0960-24	- universal for basic applications - easy snap-in installation	65	9.6 W/m	KWP-8K40-0960-24
LED tape KWP-8K-1000-24 10 W/m, IP65 NEW		65	10 W/m	KWP-8K30-1000-24 KWP-8K40-1000-24
LED tape KWP-G-1000-24 10 W/m, IP65 NEW		65	10 W/m	KWP-G30-1000-24 KWP-G40-1000-24
LED tape KWP-8K-1080-24 10.8 W/m, IP65 NEW		65	10.8 W/m	KWP-8K27-1080-24 KWP-8K30-1080-24 KWP-8K35-1080-24 KWP-8K40-1080-24 KWP-8K50-1080-24
LED tape KWP-1440-24	- universal for basic applications	65	14.4 W/m	KWP-27-1440-24 KWP-40-1440-24
LED tape KWP-8K-1440-24	- universal for basic applications - easy snap-in installation	65	14.4 W/m	KWP-8K27-1440-24 KWP-8K40-1440-24
LED tape KWP-8K-1500-24 15 W/m, IP65 NEW		65	15 W/m	KWP-8K30-1500-24 KWP-8K40-1500-24
LED tape KWP-G-1500-24 15 W/m, IP65 NEW		65	15 W/m	KWP-G30-1500-24 KWP-G40-1500-24

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

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-RGB-1200-24	- RGB	20	12 W/m	K-RGB-1200-24
LED tape KWP-8KRGB-1200-24	- RGB - easy snap-in installation	65	12 W/m	KWP-8KRGB-1200-24

RELATED ACCESSORIES > ELECTRONICS > SWITCHES

NAME	KEY FEATURES	IP PROTECTION RATING	REF.
Switch MICRO 96W IP20	- push button switch - factory pre-soldered wires - version with logo	20	1576LOGO
Switch MICRO 96W IP20	- push button switch - factory pre-soldered wires - version with logo	20	1491LOGO

Profile 45-PLUS
Ref. A00005

NAME	KEY FEATURES	IP PROTECTION RATING	REF.
Proximity switch UNI-11	- touchless switch - width 11mm	20	E61603
Proximity switch UNI-P	- touchless switch - width only 7mm - factory pre-soldered wires	20	E61580
Proximity switch UNI	- touchless switch - width only 7mm	20	E61579
Proximity switch UNI-11P	- touchless switch - width 11mm - factory pre-soldered wires	20	E61604