Profile LOKOM
Ref. A05553



KEY FEATURES

- Hardly visible aluminum elements
- Easy maintenance
- Possibility to mount the power supply in the luminous part of the luminaire
- Small bending radius
- Possibility to use current modules with efficiency up to 190lm/W and CRI>90. Available upon request.

APPLICATION

main and decorative lighting

MOUNTING

recessed, using a dedicated mounting track

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 IP65

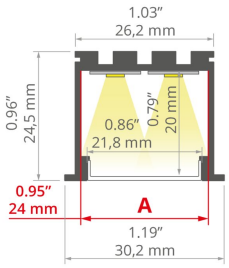
MOUNTING METHOD

Recessed

SPECIAL FEATURES

Possibility of bending

TECHNICAL DRAWING



AVAILABLE COLOURS

COLOR	LENGTH	REF
silver anodized	1000 mm	A05553A_1
	2005 mm	A05553A_2
	3010 mm	A05553A_3
black anodized	1000 mm	A05553A07_1
	2005 mm	A05553A07_2
	3010 mm	A05553A07_3
		A05553L10OD_3
white lacquered	2005 mm	A05553L10OD_2
	1000 mm	A05553L10OD_1
black lacquered	3010 mm	A05553L07OD_3

TECHNICAL SPECIFICATIONS

Material	aluminum
Possible fixture IP	20, 65
Possible fixture shapes	linear, polygonal
Profile cross-section	rectangular
Width	30.2 mm
Height	24.5 mm
LED gluing width A	24 mm
Max. number of LED strips A (8 mm wide)	2
Width of the glow	22 mm
Max power of a single KLUŚ LED strip	24 W/m
Possibility of obtaining a line of light	yes
Possibility of bending	yes
Radius of the light arc	yes
Inward	3000 mm
Outdoor	3000 mm
Building type	Commercial, Entertainment/ Arts, HoReCa object
Facility zone	office, lobby / foyer, media rooms / av
The cover is cut to the length of the profile	yes
Can be easily connected into runs	yes
Mounting to drywall	yes
Wire out back of extrusion	yes

RELATED ACCESSORIES > COVERS

NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
				black	B20L07-ML30-0900-24
					B20L07-ML40-0900-24
					B34L07-ML30-0900-24
					B34L07-ML40-0900-24
					B48L07-ML30-0900-24
					B48L07-ML40-0900-24
Optics DOT-22 NEW 	- constant voltage version				B20L10-ML30-0900-24
					B20L10-ML40-0900-24
					B34L10-ML30-0900-24

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NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
				white	B34L10-ML40-0900-24
					B48L10-ML30-0900-24
					B48L10-ML40-0900-24
Cover G-22R	- indoor use - Perfectly diffusing	PMMA	20 %	black	B17006B
			71 %	satin	B17006S
			89 %	semi-transparent	B17006T
			94 %	clear	B17006C
Cover G-22S	- indoor use - Perfectly diffusing	PMMA	15 %	black	B17013B
			86 %	satin	B17013S
			89 %	semi-transparent	B17013T
Cover HS-22	- For indoor and outdoor applications - UV resistant	PC	65 %	frosted	B17011F
			88 %	clear	B17011C
			90.5 %	microprism	B17011M
Cover LIGER-22	- hight light quality - For indoor and outdoor applications - Ease of obtaining a line of light - Perfectly diffusing	PC	22 %	black	B17032B
			70 %	satin	B17032S
Cover BENCO-22	- For indoor and outdoor applications - UV resistant	Silikon	62 %	frosted	B17209F

LINE OF LIGHT TABLE

LED TAPE	LIGER-22 SATIN	LIGER-22 BLACK	HS-22 FROSTED	G-22R SATIN	G-22S SATIN
K-0360-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
K-0720-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
K-1080-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
K-0500-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
K-1000-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
K-HD-0430-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
K-1500-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
K-CB-1000-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
K-HD-0830-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
K-HD-1260-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
KWP-0360-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
KWP-0720-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
KWP-1080-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
KWP-0500-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
KWP-1000-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
KWP-1500-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
KWP-CB-1000-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
KWP-G-0500-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
KWP-G-1000-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
KWP-G-1500-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
KWP-GHD-0430-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
KWP-GHD-0830-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
KWP-GHD-1260-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
KWP-HD-0430-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
KWP-HD-0830-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
K-2400-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
K-RGBW-1530-24	✓ (1)	X	X	X	X
KWP-GRGB-1530-24	✓ (1)	X	X	X	X
KWP-RGBW-1530-24	✓ (1)	X	X	X	X

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K-RGB-1200-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
KWP-RGB-1200-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
K-18D30-0960-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
KWP-18D30-0960-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
K-27T50-1440-24	✓ (1)	✓ (2)	✓ (2)	✓ (1)	✓ (1)
K-VBT-0720-24	✓ (1)	X	X	X	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

RELATED ACCESSORIES > END CAPS

NAME		MATERIAL	COLOR	REF.
End cap LOKOM		PP	black	C24005C07
			gray	C24005C02
			silver	C24005L01
		PET-G	black	C28285C07
			gray	C28285C02
			white	C28285L10

RELATED ACCESSORIES > PROFILE TECHNICZNE

NAME	MATERIAL	COLOR	REF.
Profile TEKUS-ZM	aluminum	silver non anodized	A01293
Profile TEKNIK-ZM-TK	aluminum	silver non anodized	A01554

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-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 > LATCHES

NAME	MATERIAL	COLOR	REF.
Latch TEKNIK	PP	white	C24003C10

Profile LOKOM
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RELATED ACCESSORIES > RELATED LED > HIGH EFFICACY

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-VHE-0480-24	- universal for basic applications - high efficacy - High Efficacy	20	4.8 W/m	K-VHE27-0480-24 K-VHE30-0480-24 K-VHE40-0480-24
LED tape K-VHE-0960-24	- universal for basic applications - high efficacy - High Efficacy	20	9.6 W/m	K-VHE40-0960-24
LED tape K-VHE-1440-24	- universal for basic applications - high efficacy - High Efficacy	20	14.4 W/m	K-VHE27-1440-24 K-VHE30-1440-24 K-VHE40-1440-24 K-VHE50-1440-24

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-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-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-0430-24 4.3 W/m, IP20 NEW		20	4.3 W/m	K-HD18-0430-24 K-HD22-0430-24 K-HD27-0430-24 K-HD30-0430-24 K-HD35-0430-24 K-HD40-0430-24 K-HD50-0430-24
LED tape K-0480-24	- universal for basic applications	20	4.8 W/m	K-27-0480-24 K-30-0480-24 K-35-0480-24 K-50-0480-24
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
LED tape K-HD-0830-24 8.3 W/m, IP20 NEW		20	8.3 W/m	K-HD27-0830-24 K-HD30-0830-24 K-HD35-0830-24 K-HD40-0830-24 K-HD50-0830-24
LED tape K-0960-24	- universal for basic applications	20	9.6 W/m	K-30-0960-24 K-40-0960-24 K-40-0960-24-R30
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-HD-1260-24 12.6 W/m, IP20 NEW		20	12.6 W/m	K-HD27-1260-24 K-HD30-1260-24 K-HD35-1260-24 K-HD40-1260-24 K-HD50-1260-24

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NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
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 K2-1440-24 14.4 W/m, IP20 NEW		20	14.4 W/m	K2-27-1440-24 K2-30-1440-24 K2-35-1440-24 K2-40-1440-24 K2-50-1440-24
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 K2-1920-24	- LED double-row strip - quick installation	20	19.2 W/m	K2-30-1920-24 K2-40-1920-24
LED tape K3-2160-24 21.6 W/m, IP20 NEW ON ORDER	- Three-row LED strip - quick installation	20	21.6 W/m	K3-35-2160-24
LED tape K-2300-24	- high power	20	23 W/m	K-30-2300-24 K-40-2300-24
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 K3-2880-24	- Three-row LED strip - quick installation	20	28.8 W/m	K3-27-2880-24 K3-40-2880-24 K3-50-2880-24
LED tape KWP-0360-24 3.6 W/m, IP65 NEW		65	3.6 W/m	KWP-27-0360-24 KWP-30-0360-24 KWP-35-0360-24 KWP-40-0360-24 KWP-50-0360-24
LED tape KWP-GHD-0430-24 4.3 W/m, IP65 NEW		65	4.3 W/m	KWP-GHD27-0430-24 KWP-GHD30-0430-24 KWP-GHD35-0430-24 KWP-GHD40-0430-24 KWP-GHD50-0430-24
LED tape KWP-HD-0430-24 4.3 W/m, IP65 NEW		65	4.3 W/m	KWP-HD27-0430-24 KWP-HD30-0430-24 KWP-HD35-0430-24 KWP-HD40-0430-24 KWP-HD50-0430-24
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-GHD-0480-24	- high LED density - Ease of obtaining a line of light	65	4.8 W/m	KWP-GHD27-0480-24
LED tape KWP-0500-24 5 W/m, IP65 NEW		65	5 W/m	KWP-30-0500-24 KWP-40-0500-24
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-0720-24 7.2 W/m, IP65 NEW		65	7.2 W/m	KWP-27-0720-24 KWP-30-0720-24 KWP-35-0720-24 KWP-40-0720-24 KWP-50-0720-24
LED tape KWP-GHD-0830-24 8.3 W/m, IP65 NEW		65	8.3 W/m	KWP-GHD27-0830-24 KWP-GHD30-0830-24 KWP-GHD35-0830-24 KWP-GHD40-0830-24 KWP-GHD50-0830-24
LED tape KWP-HD-0830-24 8.3 W/m, IP65 NEW		65	8.3 W/m	KWP-HD27-0830-24 KWP-HD30-0830-24 KWP-HD35-0830-24 KWP-HD40-0830-24 KWP-HD50-0830-24
LED tape KWP-0960-24	- universal for basic applications	65	9.6 W/m	KWP-40-0960-24
LED tape KWP-1000-24 10 W/m, IP65 NEW		65	10 W/m	KWP-30-1000-24 KWP-40-1000-24
LED tape KWP-CB-1000-24 10 W/m, IP65 NEW		65	10 W/m	KWP-CB27-1000-24 KWP-CB30-1000-24 KWP-CB40-1000-24 KWP-CB50-1000-24
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-1080-24 10.8 W/m, IP65 NEW		65	10.8 W/m	KWP-27-1080-24 KWP-30-1080-24 KWP-35-1080-24 KWP-40-1080-24 KWP-50-1080-24
LED tape KWP-GHD-1260-24 12.6 W/m, IP65 NEW		65	12.6 W/m	KWP-GHD27-1260-24 KWP-GHD30-1260-24 KWP-GHD35-1260-24 KWP-GHD40-1260-24 KWP-GHD50-1260-24

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NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape KWP-HD-1260-24 12.6 W/m, IP65		65	12.6 W/m	KWP-HD27-1260-24 KWP-HD30-1260-24 KWP-HD35-1260-24 KWP-HD40-1260-24 KWP-HD50-1260-24
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-1500-24 15 W/m, IP65 NEW		65	15 W/m	KWP-30-1500-24 KWP-40-1500-24
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-0700-24V	- RGB	20	7 W/m	K-RGB-0700-24V
LED tape K-RGB-1200-24	- RGB	20	12 W/m	K-RGB-1200-24
LED tape K-RGBW-1530-24 15.3 W/m, IP20 NEW	- RGBW - high LED density	20	15.3 W/m	K-RGB30-1530-24 K-RGB40-1530-24
LED tape KWP-RGB-0700-24	- RGB	65	7 W/m	KWP-RGB-0700-24
LED tape KWP-RGB-1200-24	- RGB	65	12 W/m	KWP-RGB-1200-24
LED tape KWP-GRGB-1530-24 15.3 W/m, IP65 NEW	- RGBW - high LED density	65	15.3 W/m	KWP-GRGB30-1530-24 KWP-GRGB40-1530-24
LED tape KWP-RGBW-1530-24 15.3 W/m, IP65 NEW	- RGBW - high LED density	65	15.3 W/m	KWP-RGB30-1530-24 KWP-RGB40-1530-24

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

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-18D30-0960-24	- Dim To Warm LED Tape	20	9.6 W/m	K-18D30-0960-24
LED tape K-27T50-1440-24	- RGB+Tunable White	20	14.4 W/m	K-27T50-1440-24
LED tape KWP-18D30-0960-24	- Dim To Warm LED Tape	65	9.6 W/m	KWP-18D30-0960-24

RELATED ACCESSORIES > ELECTRONICS > SWITCHES

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