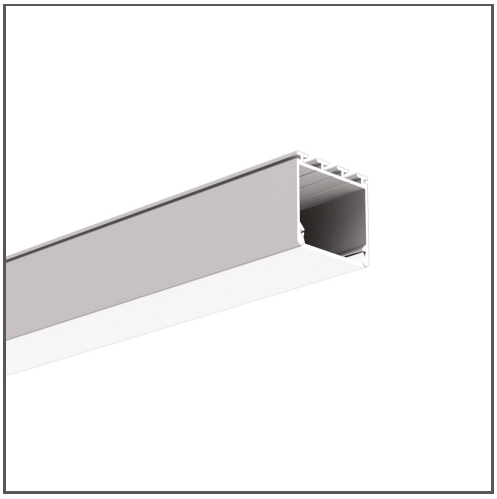
LIPOD Extrusion
Ref. A05554



KEY FEATURES

- Wide range of accessories
- Luminaire direction adjustment
- Small bending radius
- Possibility to use current modules with efficiency up to 190lm/W and CRI>90. Available upon request.

APPLICATION

main, decorative and functional lighting

MOUNTING

suspended, to the surface or recessed, using dedicated accessories, a dedicated mounting track, properly selected screws or mounting adhesive
easy assembly and disassembly by snapping in and out

ADDITIONAL INFORMATION

- 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

IP PROTECTION RATING

IP20 | IP65

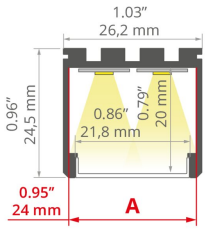
MOUNTING METHOD

Suspended
Surface mounted
T-grid
Recessed with suspension function

SPECIAL FEATURES

Possibility of bending

TECHNICAL DRAWING



AVAILABLE COLOURS

COLOR	LENGTH	REF
silver anodized	39.4"	A05554A_1
	78.9"	A05554A_2
	118.5"	A05554A_3
white lacquered		A05554L10OD_3
black anodized		A05554A07_3

TECHNICAL SPECIFICATIONS

Material	aluminum
Possible fixture IP	20, 65
Possible fixture shapes	linear, polygonal, round
Profile cross-section	rectangular
Width	1"
Height	1"
LED gluing width A	0.9"
Max. number of LED strips A (0.31" wide)	3
Width of the glow	22 mm
Max power of a single KLUŚ LED strip	7.3 W/ft
Lighting angle adjustment from	0
Lighting angle adjustment up to	240
Dedicated space for power supply	yes
Closet Rated	yes
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, Retail, Entertainment/ Arts, Hotel / Restaurant
Facility zone	office, lobby / foyer, decorative, fitness / spa, media rooms / av
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
Mounting to drywall	yes
Wire out back of extrusion	yes

RELATED ACCESSORIES > COVERS

NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
					B20L07-ML30-0900-24
					B20L07-ML40-0900-24
					B34L07-ML30-0900-24
				black	B34L07-ML40-0900-24
					B48L07-ML30-0900-24
					B48L07-ML40-0900-24

LIPOD Extrusion
Ref. A05554

NAME		KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
Optics DOT-22 NEW		optional voltage version				
					white	B20L10-ML30-0900-24
						B20L10-ML40-0900-24
						B34L10-ML30-0900-24
						B34L10-ML40-0900-24
						B48L10-ML30-0900-24
						B48L10-ML40-0900-24
LIGER-22 Cover		- hight light quality - For indoor and outdoor applications - Ease of obtaining a line of light - perfectly diffusing	PC	22 %	black	B17032B
				70 %	satin	B17032S
HS-22 Cover		- For indoor and outdoor applications - UV resistant	PC	65 %	frosted	B17011F
				88 %	clear	B17011C
				90.5 %	microprism	B17011M
G-22S Cover		- indoor use - perfectly diffusing	PMMA	15 %	black	B17013B
				86 %	satin	B17013S
				89 %	semi-transparent	B17013T
G-22R Cover		- indoor use - perfectly diffusing	PMMA	20 %	black	B17006B
				71 %	satin	B17006S
				89 %	semi-transparent	B17006T
				94 %	clear	B17006C

LINE OF LIGHT TABLE

LED TAPE	LIGER-22 SATIN	HS-22 FROSTED	G-22S SATIN	G-22R SATIN
K-0360-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-0720-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-1080-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-HD-0430-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-HD-0830-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-HD-1260-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
KWP-0360-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
KWP-0720-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
KWP-1080-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
KWP-GHD-0430-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
KWP-GHD-0830-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
KWP-GHD-1260-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
KWP-HD-0430-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
KWP-HD-0830-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
KWP-HD-1260-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-CR-1220-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-CR-1275-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-CRHD-1820-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-CRHD-1910-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-HEHD-0480-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-HEHD-0960-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-HEHD-1440-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-HEHD-1920-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-HEHD-0320-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-RGBW-1920-120-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-RGB27T50-1200-24	✓ (1)	X	X	X
K-18D30-0960-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-CR-1210-24	✓ (1)	X	X	X
K-2400-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-HEHD-1440-24-40C	✓ (1)	✓ (2)	✓ (1)	✓ (1)

LIPOD Extrusion
Ref. A05554

K-SD-1440-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
KWP-RGB27T50-1200-24	✓ (1)	X	X	X
K-RGBW-1920-160-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
KWP-GRGBW-1920-120-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
K-SDCR-22T50-1530-24	✓ (1)	✓ (2)	✓ (1)	✓ (1)
KWP-SDCR-22T50-1530-24	✓ (1)	✓ (2)	✓ (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.
LIPOD End cap		PP	black	C24004C07
			gray	C24004C02
			silver	C24004L01
			white	C24004C10
		PET-G	black	C28286C07
			gray	C28286C02
			white	C28286L10
KOMPENSA-L End cap		PP	black	C24015C07
			gray	C24015C02
KOMPENSA-K End cap		PP	black	C24020C07
			gray	C24020C02

RELATED ACCESSORIES > PROFILE TECHNICZNE

NAME	MATERIAL	COLOR	REF.
TEKUS Extrusion	aluminum	silver non anodized	A06638V
TEKUS-ZM Extrusion	aluminum	silver non anodized	A01293
TEKNIK-ZM Extrusion	aluminum	silver non anodized	A00399

RELATED ACCESSORIES > OTHER ACCESSORIES > CANOPIES

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Fi-60mm Canopy	- Convenient cable length adjustment, in the ZM system	steel	gray lacquered	C24540L01
			white lacquered	C24540L10
			black lacquered	C24540L07

RELATED ACCESSORIES > OTHER ACCESSORIES > MOUNTING BRACKETS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
REGIP-EXT Mounting bracket NEW	- Mounting with angle adjustment function	aluminum, stainless steel	black	C28304C07
			white	C28304C10
			gray	C28304N00
GIP-STN Mounting bracket	- For indoor and outdoor applications	stainless steel	silver	C24447N00
AM-24 Mounting bracket	- Compatible with 15/16" ceiling grids	steel	silver	C24235N00
REGIP Mounting bracket	- Mounting with angle adjustment function	ABS	gray	C28057C02
GIP Mounting bracket	- Aesthetic installation of linear fixtures	ASA	gray	C24310C02
			black	C24328C07
NEO-ZM-3 Fastener set	- 3 pieces for heavy fixtures	magnet	silver	C28105N00
NEO-ZM-4 Fastener set	- 4 pieces for light fixtures	magnet	silver	C28106N00
Fastener set NEO-ZM-PLUS-3	- 3 pieces for heavy fixtures	magnet	silver	C28107N00
Fastener set NEO-ZM-PLUS-4	- 4 pieces for heavy fixtures	magnet	silver	C28108N00
GIP-STN-90D Mounting bracket	- For indoor and outdoor applications	stainless steel	silver	C20002N00
			white	C20002L10
			black	C20002L07

LIPOD Extrusion
Ref. A05554

RELATED ACCESSORIES > OTHER ACCESSORIES > FASTENERS AND HEADS FOR EXTRUSIONS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
BZP Head		stainless steel	silver	C28113N00
FI-8-LIN-ZM Fastener	- Installation in the ZM system	stainless steel, PA	silver white black	C28170N00 C28170L10 C28170L07
FI-10-ZM-P Fastener	- Cross mounting	stainless steel	silver	C28117N00
FI-10-ZM-W Fastener		stainless steel	silver	C28116N00
FI-8-PRET-ZM Fastener	- Installation in the ZM system	stainless steel aluminum aluminum	silver white black	C28189N00 C28189L10 C28189L07

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

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
BZP-ZZ Head		stainless steel	gray	42215
PUSZ-PRET-ZM Fastener	- Power supply cable - mounting in the ZM system	stainless steel, brass, nylon aluminum, brass, nylon aluminum, brass, nylon	silver white black	C28161N00 C28161L10 C28161L07
FI-8-LIN-ZMZ Fastener	- Power supply - mounting in the ZM system	stainless steel, steel, PA, EPDM aluminum, PA, EPDM aluminum, PA, EPDM	silver white black	C28171N00 C28171L10 C28171L07
PUSZ-PRET-ZM Fastener , silver		stainless steel	silver	42250
OS22-PRET-Z Fastener	- Power supply rod	PA, stainless steel	white black	C28186L10 C28186L07
OS22-DUO-PRET-Z Fastener	- Power supply cable, two poles	stainless steel, PA	white black	C28185L10 C28185L07
OS22-LIN-Z Fastener	- Power supply cable	stainless steel, PA	white black	C28184L10 C28184L07
OS22-DUO-LIN-Z Fastener	- Power supply cable, two poles	stainless steel, PA	white black	C28183L10 C28183L07
PUSZ-ZM Fastener	- Power supply - mounting in the ZM system	stainless steel aluminum aluminum	silver white lacquered black lacquered	C20010N00 C20010L10 C20010L07

RELATED ACCESSORIES > OTHER ACCESSORIES > CONNECTORS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
ZM Connector		stainless steel	silver	42720 42728 C28070N00 C28071N00 C28072N00 C28073N00 C28074N00 C28075N00 C28243N00
ZM-NA Connector		stainless steel	silver	42339
ZM-PION Connector	- for connecting profiles in the vertical plane	stainless steel	silver	42314 42316 42320 42718 42719 C28084N00 C28085N00 C28086N00 C28087N00 C28088N00
ZM-NA-PION Connector		stainless steel	silver	42315 42317 42321

RELATED ACCESSORIES > OTHER ACCESSORIES > ISOLATING BASES

NAME	MATERIAL	COLOR	REF.
FI-6 Isolating bases	nylon	white	C28109C00
FI-5 Isolating bases	nylon	white	42204
FI-3 Isolating bases	nylon	white	42203

RELATED ACCESSORIES > OTHER ACCESSORIES > SUSPENSION AND MOUNTING SETS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
RD-1 Fastener set	- Smooth cable adjustment, cable included	brass	silver glossy silver satin white lacquered black lacquered	C28231P00 C28231P01 C28231L10 C28231L07
RG-1 Fastener set	- Cable adjustment at the ceiling, cable included	brass	silver glossy black colored	C28230P00 C28230L07
FI-8-ZM-1 Fastener set	- Power supply, for wall and drywall, in the ZM system	stainless steel, aluminum	silver white lacquered black lacquered	C28134N00 C28134L10 C28134L07
FI-8-ZM-2 Fastener set	- Convenient cable length adjustment, in the ZM system	stainless steel, aluminum	silver white lacquered black lacquered	C28135N00 C28135L10 C28135L07

LIPOD Extrusion
Ref. A05554

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Fastener set PUSZ-ZM-1	- Power supply, for wall and drywall, in the ZM system	stainless steel, aluminum	silver white lacquered black lacquered	C28130N00 C28130L10 C28130L07
Fastener set PUSZ-ZM-2	- Convenient cable length adjustment, in the ZM system	stainless steel, aluminum	silver white lacquered black lacquered	C28131N00 C28131L10 C28131L07

RELATED ACCESSORIES > OTHER ACCESSORIES > LATCHES

NAME	MATERIAL	COLOR	REF.
TEKNIK Latch	PP	white	C24003C10

RELATED ACCESSORIES > OTHER ACCESSORIES > SURFACE SPRINGS

NAME	MATERIAL	COLOR	REF.
GP Spring	stainless steel	silver	C24500N00

RELATED ACCESSORIES > OTHER ACCESSORIES > SECURITY AND BLOCKS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Block ZM, gray	- Accessory locking in the ZM system	silicon	gray	C28194N00

RELATED ACCESSORIES > RELATED LED > HIGH EFFICACY

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
K-HEHD-0320-24 LED tape	- CRI over 95 - High Efficacy	20	1 W/ft	K-HEHD27-0320-24 K-HEHD30-0320-24 K-HEHD35-0320-24 K-HEHD40-0320-24
K-HEHD-0480-24 LED tape	- CRI over 95 - High Efficacy	20	1.5 W/ft	K-HEHD22-0480-24 K-HEHD25-0480-24 K-HEHD27-0480-24 K-HEHD30-0480-24 K-HEHD35-0480-24 K-HEHD40-0480-24 K-HEHD50-0480-24
K-HEHD-0960-24 LED tape	- CRI over 95 - High Efficacy	20	2.9 W/ft	K-HEHD22-0960-24 K-HEHD25-0960-24 K-HEHD27-0960-24 K-HEHD30-0960-24 K-HEHD35-0960-24 K-HEHD40-0960-24 K-HEHD50-0960-24
K-HEHD-1440-24 LED tape	- CRI over 95 - High Efficacy	20	4.4 W/ft	K-HEHD22-1440-24 K-HEHD25-1440-24 K-HEHD27-1440-24 K-HEHD30-1440-24 K-HEHD35-1440-24 K-HEHD40-1440-24 K-HEHD50-1440-24
LED tape K-HEHD-1920-24	- CRI over 95 - High Efficacy	20	5.9 W/ft	K-HEHD22-1920-24 K-HEHD25-1920-24 K-HEHD27-1920-24 K-HEHD30-1920-24 K-HEHD35-1920-24 K-HEHD40-1920-24 K-HEHD50-1920-24
KWP-HEHD-0480-24 LED tape	- High Efficacy	65	1.5 W/ft	KWP-HEHD22-0480-24 KWP-HEHD25-0480-24 KWP-HEHD27-0480-24 KWP-HEHD30-0480-24 KWP-HEHD35-0480-24 KWP-HEHD40-0480-24 KWP-HEHD50-0480-24
KWP-HEHD-0960-24 LED tape	- CRI over 95 - High Efficacy	65	2.9 W/ft	KWP-HEHD22-0960-24 KWP-HEHD25-0960-24 KWP-HEHD27-0960-24 KWP-HEHD30-0960-24 KWP-HEHD35-0960-24 KWP-HEHD40-0960-24 KWP-HEHD50-0960-24
KWP-HEHD-1440-24 LED tape	- CRI over 95 - High Efficacy	65	4.4 W/ft	KWP-HEHD22-1440-24 KWP-HEHD25-1440-24 KWP-HEHD27-1440-24 KWP-HEHD30-1440-24 KWP-HEHD35-1440-24 KWP-HEHD40-1440-24 KWP-HEHD50-1440-24

LIPOD Extrusion
Ref. A05554

RELATED ACCESSORIES > RELATED LED > CRI 95+

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
K-CR-1210-24 LED tape	- CRI over 95	20	1.5 W/ft	K-CR22-1210-24 K-CR27-1210-24
K-CRHD-1910-24 LED tape	- CRI over 95 - high LED density	20	2.8 W/ft	K-CRHD27-1910-24 K-CRHD35-1910-24 K-CRHD40-1910-24
K-CR-1220-24 LED tape	- CRI over 95	20	2.9 W/ft	K-CR22-1220-24 K-CR25-1220-24 K-CR27-1220-24 K-CR30-1220-24 K-CR35-1220-24 K-CR40-1220-24 K-CR50-1220-24
K-CR-1275-24 LED tape	- CRI over 95	20	4.4 W/ft	K-CR22-1275-24 K-CR25-1275-24 K-CR27-1275-24 K-CR30-1275-24 K-CR35-1275-24 K-CR40-1275-24 K-CR50-1275-24
K-HEHD-1440-24-40C LED tape	- High Efficacy - cold weather -40F	20	4.4 W/ft	K-HEHD22-1440-24-40C K-HEHD25-1440-24-40C K-HEHD27-1440-24-40C K-HEHD30-1440-24-40C K-HEHD35-1440-24-40C K-HEHD40-1440-24-40C K-HEHD50-1440-24-40C
K-CRHD-1820-24 LED tape	- CRI over 95 - high LED density	20	5.6 W/ft	K-CRHD27-1820-24
KWP-CRHD-1910-24 LED tape	- CRI over 95 - high LED density	65	2.8 W/ft	KWP-CRHD27-1910-24 KWP-CRHD35-1910-24
KWP-CR-1220-24 LED tape	- CRI over 95	65	2.9 W/ft	KWP-CR22-1220-24 KWP-CR25-1220-24 KWP-CR27-1220-24 KWP-CR30-1220-24 KWP-CR35-1220-24 KWP-CR40-1220-24 KWP-CR50-1220-24
KWP-CR-1275-24 LED tape	- CRI over 95	65	4.4 W/ft	KWP-CR22-1275-24 KWP-CR25-1275-24 KWP-CR27-1275-24 KWP-CR30-1275-24 KWP-CR35-1275-24 KWP-CR40-1275-24 KWP-CR50-1275-24
KWP-HEHD-1440-24-40C LED tape	- High Efficacy - cold weather -40F	65	4.4 W/ft	KWP-HEHD22-1440-24-40C KWP-HEHD25-1440-24-40C KWP-HEHD27-1440-24-40C KWP-HEHD30-1440-24-40C KWP-HEHD35-1440-24-40C KWP-HEHD40-1440-24-40C KWP-HEHD50-1440-24-40C

RELATED ACCESSORIES > RELATED LED > CRI 90+

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
K-2400-24 LED tape	- high power	20	7.3 W/ft	K-27-2400-24 K-30-2400-24 K-35-2400-24 K-40-2400-24 K-50-2400-24
KWP-GHD-1910-24 LED tape	- high LED density	65	2.8 W/ft	KWP-GHD27-1910-24 KWP-GHD30-1910-24 KWP-GHD35-1910-24 KWP-GHD40-1910-24
KWP-GHD-1640-24 LED tape	- high LED density	65	5 W/ft	KWP-GHD22-1640-24 KWP-GHD25-1640-24 KWP-GHD27-1640-24 KWP-GHD30-1640-24 KWP-GHD35-1640-24 KWP-GHD40-1640-24 KWP-GHD50-1640-24

LIPOD Extrusion
Ref. A05554

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

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
K-30/18-1770-010V-24V LED tape		20	3.5 W/ft	K-30/18-1770-010V-24V
K-30/18-1770-24V LED tape		20	3.5 W/ft	K-30/18-1770-24
K-SDCR-22T50-1530-24 LED tape	- Tuneable white 2200K-5000K	20	4.7 W/ft	K-SDCR-22T50-1530-24
KWP-30/18-1770-010-24 LED tape		65	3.5 W/ft	KWP-30/18-1770-010-24
KWP-30/18-1770-24 LED tape		65	3.5 W/ft	KWP-30/18-1770-24
KWP-SDCR-22T50-1530-24 LED tape	- Tuneable white 2200K-5000K	65	4.7 W/ft	KWP-SDCR-22T50-1530-24
KWP-G22/50-1728-24 LED tape	- Tuneable white 2200K-5000K	65	5.3 W/ft	KWP-G22/50-1728-24

RELATED ACCESSORIES > ELECTRONICS > SWITCHES

NAME	KEY FEATURES	IP PROTECTION RATING	REF.
Proximity switch UNI	- touchless switch - width only 7mm	20	E61579