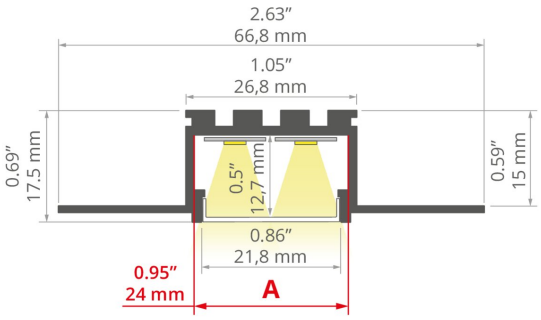
KOZUS Extrusion

Ref. A07823

TECHNICAL DRAWING



IP20 IP65 CE UKCA RoHS COMPLIANT ETL LISTED c US Intertek

CLOSET RATED

- Mounting to 16 mm | 0.63" drywall
- No collision with the ceiling structure
- Line of light flush with the surface
- Non visible aluminum elements
- Possibility to use current modules with efficiency up to 190lm/W and CRI>90. Available upon request.

APPLICATION

- main and decorative lighting

MOUNTING

- in drywall, with mounting adhesive

ADDITIONAL INFORMATION

- in order to protect the lighting fixture during installation, a TECH-22 protective insert should be used
- when choosing a different length of profiles / covers than available in the standard, you should additionally choose the cutting service at KLUŚ

TECHNICAL SPECIFICATIONS

Material	**aluminum**
Color	**silver non anodized**
Possible fixture IP	**20, 65**
Possible fixture shapes	**linear, polygonal**
Profile cross-section	**rectangular**
Width	**2.6"**
Height	**0.7"**
LED gluing width A	**0.9"**
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**
Possibility of obtaining a line of light	**yes**
Building type	**Commercial, Hotel / Restaurant, Retail**
Facility zone	**bathroom, lobby / foyer, office, decorative, media rooms / av**
The cover is cut to the length of the profile	**yes**
Can be easily connected into runs	**yes**

Length	Ref
39.4"	**A07823N_1**
78.9"	**A07823N_2**

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Mounting to drywall	yes
To cover with plaster	yes
Wire out back of extrusion	yes

LINE OF LIGHT TABLE

LED tape	LIGER-22 satin	HS-22 frosted	G-22S satin	G-22R satin
K-0360-24	✓ (2)	✓ (2)	X	X
K-0720-24	✓ (2)	✓ (2)	X	X
K-1080-24	✓ (2)	✓ (2)	X	X
K-HD-0430-24	✓ (2)	✓ (2)	X	X
K-HD-0830-24	✓ (2)	✓ (2)	X	X
K-HD-1260-24	✓ (2)	✓ (2)	X	X
K2-1440-24	✓ (2)	✓ (2)	X	X
K3-2160-24	✓ (2)	✓ (2)	X	X
KWP-0360-24	✓ (2)	✓ (2)	X	X
KWP-0720-24	✓ (2)	✓ (2)	X	X
KWP-1080-24	✓ (2)	✓ (2)	X	X
KWP-GHD-0430-24	✓ (2)	✓ (2)	X	X
KWP-GHD-0830-24	✓ (2)	✓ (2)	X	X
KWP-GHD-1260-24	✓ (2)	✓ (2)	X	X
KWP-HD-0430-24	✓ (2)	✓ (2)	X	X
KWP-HD-0830-24	✓ (2)	✓ (2)	X	X
KWP-HD-1260-24	✓ (2)	✓ (2)	X	X
K-CR-1220-24	✓ (2)	X	X	X
K-CR-1275-24	✓ (2)	X	X	X
K-CRHD-1820-24	✓ (2)	✓ (2)	X	X
K-HEHD-0480-24	✓ (2)	✓ (2)	X	X
K-HEHD-0960-24	✓ (2)	✓ (2)	X	X
K-HEHD-1440-24	✓ (2)	✓ (2)	X	X
K-HEHD-1920-24	✓ (2)	✓ (2)	X	X
K-HEHD-0320-24	✓ (2)	✓ (2)	X	X
K-RGBW-1920-120-24	✓ (2)	X	X	X
K-RGB-1200-24	✓ (2)	X	X	X
K-RGB-0700-24V	✓ (2)	X	X	X
K-22/50-1728-24	✓ (2)	✓ (2)	X	X
K-27/65-1920-24	✓ (2)	X	X	X
K-18D30-0960-24	✓ (2)	✓ (2)	X	X
K-27T50-1440-24	✓ (2)	✓ (2)	X	X

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K-30/18-1770-24	✓ (2)	✓ (2)	X	X
K-2400-24	✓ (2)	✓ (2)	X	X
K-RGB-0700-120-24	✓ (2)	X	X	X
K-RGB-1200-120-24	✓ (2)	X	X	X
K-30/18-1770-010V-24V	✓ (2)	✓ (2)	X	X
KWP-GRGBW-1920-120-24	✓ (2)	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

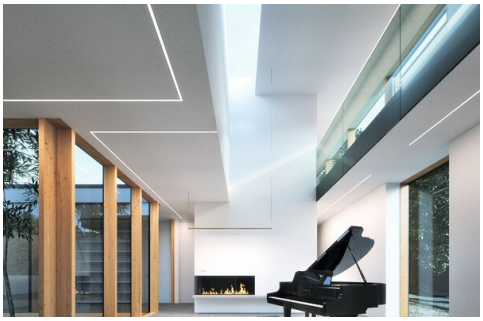
Line of Light Guide

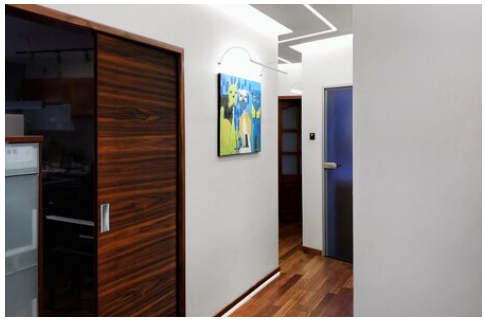
Clean Line of Light (Pixel free imaging)

Centered Line of Light

Visible Dotting from Diodes

SAMPLE PROJECTS





RELATED PROFILES > TRIMLESS

KOZUS-CR Extrusion
A00600

GIZA-LL-UST Extrusion
A02724

GIZA-LL-T Extrusion
A02479

RELATED PROFILES

GIZA-DUO-LL Extrusion
A02162

RELATED PROFILES > SURFACE MOUNTED

GIZA-LL Extrusion
A00758

GIZA Extrusion
A05556

KOZUS Extrusion
Ref. A07823

RELATED ACCESSORIES > COVERS

NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
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

RELATED ACCESSORIES > END CAPS

NAME	MATERIAL	COLOR	REF.
KOZUS End cap	PP	gray	C24148C02
KOMPENSA-K End cap	PP	black	C24020C07
		gray	C24020C02
KOMPENSA-L End cap	PP	black	C24015C07
		gray	C24015C02

RELATED ACCESSORIES > RELATED LED > HIGH EFFICACY

Name	Key features	IP protection rating	Power consumption	Ref.

KOZUS Extrusion

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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-HEHD22-0320-24 K-HEHD25-0320-24 K-HEHD27-0320-24 K-HEHD30-0320-24 K-HEHD35-0320-24 K-HEHD40-0320-24 K-HEHD50-0320-24
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

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

Name	Key features	IP protection rating	Power consumption	Ref.
K-RGB-0700-120-24 LED tape	- RGB	20	2.1 W/ft	K-RGB-0700-120-24
K-RGB-1200-120-24 LED tape	- RGB	20	3.7 W/ft	K-RGB-1200-120-24
K-RGB27T65-1200-24 LED tape	- RGB+Tunable White	20	3.7 W/ft	K-RGB27T65-1200-24

Name	Key features	IP protection rating	Power consumption	Ref.
K-RGBW-1920-120-24 LED tape	- RGBW (3000K)	20	5.9 W/ft	K-RGBW-1920-120-24
K-RGBW-1920-160-24 LED tape	- RGBW (3000K)	20	5.9 W/ft	K-RGBW-1920-160-24
KWP-RGB-0700-120-24 LED tape	- RGB	65	2.1 W/ft	KWP-RGB-0700-120-24
KWP-RGB-1200-120-24 LED tape	- RGB	65	3.7 W/ft	KWP-RGB-1200-120-24
KWP-RGB27T65-1200-24 LED tape	- RGB+Tunable White	65	3.7 W/ft	KWP-RGB27T65-1200-24
LED tape KWP-RGB-1200-24	- RGB	65	3.7 W/ft	KWP-RGB-1200-24
KWP-GRGBW-1530-24 LED tape	- RGBW (3000K)	65	4.7 W/ft	KWP-GRGBW-1530-24
KWP-GRGBW-1920-120-24 LED tape	- RGBW (3000K)	65	5.9 W/ft	KWP-GRGBW-1920-120-24
KWP-RGB-1920-24 LED tape	- RGB	65	5.9 W/ft	KWP-RGB-1920-24
KWP-RGBW-1920-24 LED tape	- RGB	65	5.9 W/ft	KWP-RGBW-1920-24

RELATED ACCESSORIES > RELATED LED

Name	Key features	IP protection rating	Power consumption	Ref.
K-27T50-1440-24 LED tape	- RGB+Tunable White	20	4.4 W/ft	K-27T50-1440-24

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-0530-24 LED tape		65	1.6 W/ft	WP-K-22-0530-HD-IP65-24V WP-K-25-0530-HD-IP65-24V WP-K-27-0530-HD-IP65-24V WP-K-30-0530-HD-IP65-24V WP-K-35-0530-HD-IP65-24V WP-K-40-0530-HD-IP65-24V WP-K-50-0530-HD-IP65-24V
KWP-GHD-1910-24 LED tape	- high LED density	65	2.8 W/ft	KWP-GHD22-1910-24 KWP-GHD25-1910-24 KWP-GHD27-1910-24 KWP-GHD30-1910-24 KWP-GHD35-1910-24 KWP-GHD40-1910-24 KWP-GHD50-1910-24
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

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

Name	Key features	IP protection rating	Power consumption	Ref.
K-30/18-1770-24V LED tape		20	3.5 W/ft	K-30/18-1770-24
K-22/50-1728-24V LED tape	- Tuneable white 2200K-5000K	20	5.3 W/ft	K-22/50-1728-24
K-27/65-1920-24V LED tape	- Tuneable white 2600K-6500K	20	5.9 W/ft	K-27/65-1920-24
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-22/50-1728-24 LED tape	- Tuneable white 2200K-5000K	65	5.3 W/ft	KWP-22/50-1728-24
KWP-G22/50-1728-24 LED tape	- Tuneable white 2200K-5000K	65	5.3 W/ft	KWP-G22/50-1728-24
KWP-27/65-1920-24 LED tape	- Tuneable white 2600K-6500K	65	5.9 W/ft	KWP-27/65-1920-24

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-CR25-1210-24 K-CR27-1210-24 K-CR30-1210-24 K-CR35-1210-24 K-CR40-1210-24 K-CR50-1210-24
K-CRHD-0530-24 LED tape,	- CRI over 95	20	1.6 W/ft	K-CRHD22-0530-24 K-CRHD25-0530-24 K-CRHD27-0530-24 K-CRHD30-0530-24 K-CRHD35-0530-24 K-CRHD40-0530-24 K-CRHD50-0530-24
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-CRHD-1820-24 LED tape	- CRI over 95 - high LED density	20	5.6 W/ft	K-CRHD22-1820-24 K-CRHD25-1820-24 K-CRHD27-1820-24 K-CRHD30-1820-24 K-CRHD35-1820-24 K-CRHD40-1820-24 K-CRHD50-1820-24
KWP-CRHD-0530-24 LED tape		65	1.6 W/ft	KWP-CRHD22-0530-24 KWP-CRHD25-0530-24 KWP-CRHD27-0530-24 KWP-CRHD30-0530-24 KWP-CRHD35-0530-24 KWP-CRHD40-0530-24 KWP-CRHD50-0530-24

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Name	Key features	IP protection rating	Power consumption	Ref.
KWP-CRHD-1910-24 LED tape	- CRI over 95 - high LED density	65	2.8 W/ft	KWP-CRHD22-1910-24 KWP-CRHD25-1910-24 KWP-CRHD27-1910-24 KWP-CRHD30-1910-24 KWP-CRHD35-1910-24 KWP-CRHD40-1910-24 KWP-CRHD50-1910-24
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 > OTHER ACCESSORIES > TECHNICAL AND PROTECTIVE INSERTS

Name	Key features	Material	Color	Ref.
TECH-22 Protective insert	- Protection of the fixture interior during installation	PVC	gray satin	C24531C02_1 C24531C02_2 C24531C02_3

RELATED ACCESSORIES > OTHER ACCESSORIES > EXTRUSION MASKING COVERS

Name	Key features	Material	Color	Ref.
MP-22 Masking cover	- Lightproof	PC	gray metalized gray metalized white lacquered white lacquered black lacquered black lacquered	C28261L01_1 C28261L01_0.25 C28261L10_1 C28261L10_0.25 C28261L07_1 C28261L07_0.25

RELATED ACCESSORIES > OTHER ACCESSORIES > CONNECTORS

Name	Material	Color	Ref.

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Name	Material	Color	Ref.
ZM Connector	stainless steel	silver silver silver silver black colored colorless non colored black colored silver black colored silver black colored silver black colored silver black colored silver silver	42716 42717 42720 42728 C24797C07 C24797N00 C28070C07 C28070N00 C28071C07 C28071N00 C28072C07 C28072N00 C28073C07 C28073N00 C28074C07 C28074N00 C28075C07 C28075N00 C28243N00
ZM-NA Connector	stainless steel	silver	42305 42339 42723 42724 42725 C28242N00
ZM-PION Connector	stainless steel	silver silver silver silver silver black colored silver black colored silver black colored silver black colored silver black colored silver	42314 42316 42320 42718 42719 C28084C07 C28084N00 C28085C07 C28085N00 C28086C07 C28086N00 C28087C07 C28087N00 C28088C07 C28088N00
ZM-NA-PION Connector	stainless steel	silver	42315 42317 42321 42726 42727

RELATED ACCESSORIES > ELECTRONICS > SWITCHES

Name	Key features	IP protection rating	Ref.
Proximity switch UNI	- touchless switch - width only 7mm	20	E61579