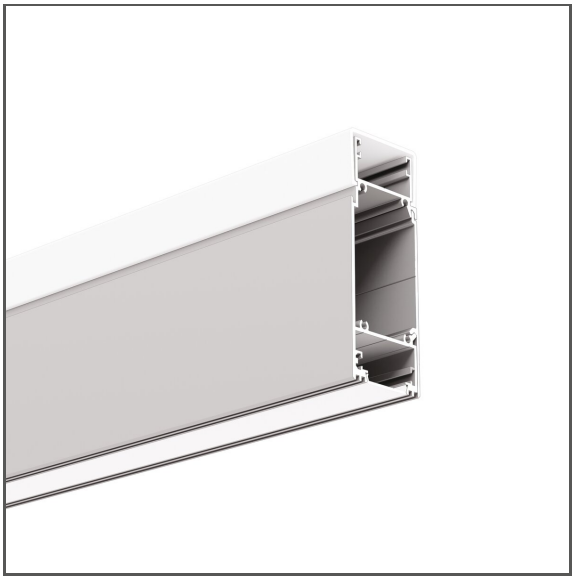
KIDES-DUO Extrusion

Ref. A18032



IP20 IP54 CE UKCA RoHS COMPLIANT Intertek

CLOSET RATED

- Designed for IP54 protection rating
- Up/down lighting
- Easy maintenance

APPLICATION

- decorative lighting

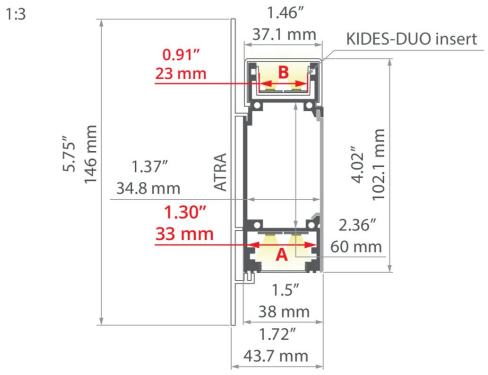
MOUNTING

- to the surface, using a dedicated mounting track and properly selected screws

ADDITIONAL INFORMATION

- 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
Color	silver anodized
Possible fixture IP	20, 54
Possible fixture shapes	linear
Profile cross-section	rectangular
Width	1.7"
Height	3.9"
LED gluing width A	1.3"
LED gluing width B	0.9"
Number of LED strips A (0.31" wide)	4
Number of LED strips B (0.31" wide)	2
Width of the glow	22 mm
Max power of a single KLUŚ LED strip	7.3 W/ft
Dedicated space for power supply	yes
Possibility of obtaining a line of light	yes
Building type	Commercial, Hotel / Restaurant, Outdoor
Facility zone	office, fascade lighting

Length	Ref
39.4"	A18032A_1
78.9"	A18032A_2

KIDES-DUO Extrusion

Ref. A18032

The cover is cut to the length of the profile	**yes**
Can be easily connected into runs	**yes**
Wire out back of extrusion	**yes**

LINE OF LIGHT TABLE

LED tape	LIGER-22 satin	HS-22 frosted	BONI-22 Cover frosted
K-0360-24	✓ (2)	X	**X**
K-0720-24	✓ (2)	X	**X**
K-1080-24	✓ (2)	X	**X**
K-HD-0430-24	✓ (2)	X	**X**
K-HD-0830-24	✓ (2)	X	**X**
K-HD-1260-24	✓ (2)	X	**X**
KWP-0720-24	✓ (2)	X	**X**
KWP-1080-24	✓ (2)	X	**X**
KWP-GHD-0430-24	✓ (2)	X	**X**
KWP-GHD-0830-24	✓ (2)	X	**X**
KWP-GHD-1260-24	✓ (2)	X	**X**
KWP-HD-0430-24	✓ (2)	X	**X**
KWP-HD-0830-24	✓ (2)	X	**X**
KWP-HD-1260-24	✓ (2)	X	**X**
K-CR-1220-24	✓ (2)	X	**X**
K-CR-1275-24	✓ (2)	X	**X**
K-CRHD-1820-24	✓ (2)	X	**X**
K-CRHD-1910-24	✓ (2)	X	**X**
K-HEHD-0480-24	✓ (2)	X	**X**
K-HEHD-0960-24	✓ (2)	X	**X**
K-HEHD-1440-24	✓ (2)	X	**X**
K-HEHD-1920-24	✓ (2)	X	**X**
K-HEHD-0320-24	✓ (2)	X	**X**
K-RGBW-1920-120-24	✓ (2)	X	**X**
K-22/50-1728-24	✓ (2)	X	**X**
K-27/65-1920-24	✓ (2)	X	**X**
K-18D30-0960-24	✓ (2)	X	**X**
K-27T50-1440-24	✓ (2)	X	**X**
K-2400-24	✓ (2)	X	**X**
K-30/18-1770-010V-24V	✓ (2)	X	**X**
K-HEHD-1440-24-40C	✓ (2)	X	**X**
K-SD-1440-24	✓ (2)	X	**X**

KIDES-DUO Extrusion

Ref. A18032

K-RGBW-1920-160-24	✓ (2)	X	X
KWP-GRGBW-1920-120-24	✓ (2)	X	X
K-SD-22T50-1530-24	✓ (2)	X	X
KWP-SD-22T50-1530-24	✓ (2)	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

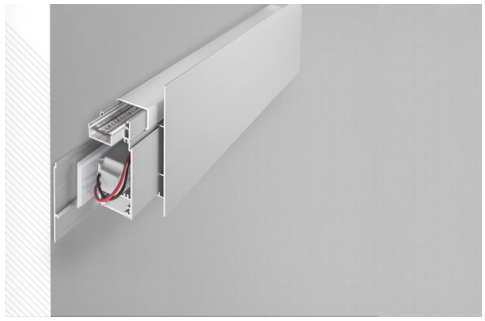


Visible Dotting from Diodes

SAMPLE PROJECTS







SIMILAR EXTRUSIONS



KIDES Extrusion
A18031

KIDES-DUO Extrusion

Ref. A18032

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
KIDES-DUO-33S Cover		- For indoor and outdoor applications - Sealing - UV resistant - spatial	PMMA	84 %	semi-transparent	B17131T

RELATED ACCESSORIES > END CAPS

NAME		MATERIAL	COLOR	REF.
End cap KIDES-DUO		stainless steel	silver	C28211A01
KIDESIN-DUO End cap		PP	silver	C24153L01

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-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 > HIGH EFFICACY

KIDES-DUO Extrusion

Ref. A18032

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-RGB27T65-1200-24 LED tape	- RGB+Tunable White	20	3.7 W/ft	K-RGB27T65-1200-24
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

KIDES-DUO Extrusion

Ref. A18032

Name	Key features	IP protection rating	Power consumption	Ref.
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

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-SD-22T50-1530-24 LED tape	- Tuneable white 2200K-5000K	20	4.7 W/ft	K-SD-22T50-1530-24
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
LED tape KWP-G30/18-1770-010-24		65	3.5 W/ft	KWP-G30/18-1770-010-24
KWP-SD-22T50-1530-24 LED tape	- Tuneable white 2200K-5000K	65	4.7 W/ft	KWP-SD-22T50-1530-24
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-CRHD-1910-24 LED tape	- CRI over 95 - high LED density	20	2.8 W/ft	K-CRHD22-1910-24 K-CRHD25-1910-24 K-CRHD27-1910-24 K-CRHD30-1910-24 K-CRHD35-1910-24 K-CRHD40-1910-24 K-CRHD50-1910-24

KIDES-DUO Extrusion

Ref. A18032

Name	Key features	IP protection rating	Power consumption	Ref.
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-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-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 > RELATED LED > SIDE EMITTING

Name	Key features	IP protection rating	Power consumption	Ref.
KWP-SE-1210-24-8 LED tape	- Side emitting	65	1.5 W/ft	KWP-SE27-1210-24-8 KWP-SE30-1210-24-8 KWP-SE40-1210-24-8 KWP-SE50-1210-24-8

KIDES-DUO Extrusion

Ref. A18032

RELATED ACCESSORIES > RELATED LED

Name	Key features	IP protection rating	Power consumption	Ref.
LED tape K-0500-24 1.5 W/m, IP20 NEW		20	1.5 W/ft	K-30-0500-24 K-40-0500-24
LED tape K-1000-24 3 W/m, IP20 NEW		20	3 W/ft	K-30-1000-24 K-40-1000-24
LED tape K-CB-1000-24 3 W/m, IP20 NEW		20	3 W/ft	K-CB27-1000-24 K-CB30-1000-24 K-CB40-1000-24 K-CB50-1000-24
K-27T50-1440-24 LED tape	- RGB+Tunable White	20	4.4 W/ft	K-27T50-1440-24
LED tape K-1500-24 4.6 W/m, IP20 NEW		20	4.6 W/ft	K-30-1500-24 K-40-1500-24
LED tape KWP-0500-24 1.5 W/m, IP65 NEW		65	1.5 W/ft	KWP-30-0500-24 KWP-40-0500-24
LED tape KWP-1000-24 3 W/m, IP65 NEW		65	3 W/ft	KWP-30-1000-24 KWP-40-1000-24
LED tape KWP-CB-1000-24 3 W/m, IP65 NEW		65	3 W/ft	KWP-CB27-1000-24 KWP-CB30-1000-24 KWP-CB40-1000-24 KWP-CB50-1000-24
LED tape KWP-1500-24 4.6 W/m, IP65 NEW		65	4.6 W/ft	KWP-30-1500-24 KWP-40-1500-24
LED tape KWP-GRGB-1530-24 4.7 W/m, IP65 NEW	- RGBW - high LED density	65	4.7 W/ft	KWP-GRGB30-1530-24 KWP-GRGB40-1530-24
LED tape KWP-RGBW-1530-24 4.7 W/m, IP65 NEW	- RGBW - high LED density	65	4.7 W/ft	KWP-RGB30-1530-24 KWP-RGB40-1530-24

RELATED ACCESSORIES > RELATED LED > SINGLE DIODE CUTTABLE

Name	IP protection rating	Power consumption	Ref.
K-SD-1440-24 LED tape	20	4.4 W/ft	K-SD27-1440-24 K-SD30-1440-24 K-SD35-1440-24 K-SD40-1440-24

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.

KIDES-DUO Extrusion

Ref. A18032

Name	Material	Color	Ref.
ZM-PION-135 Connector	stainless steel	silver	C28088N00
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 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