

45-16 Extrusion

Ref. A08504



- Installation in corners
- Lighting at a 45° angle
- Small width and height
- Wide range of accessories

APPLICATION

- furniture, under-cabinet and decorative lighting

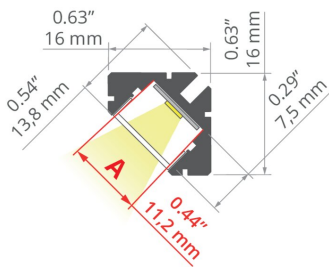
MOUNTING

- to the surface, using dedicated accessories 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

TECHNICAL DRAWING



TECHNICAL SPECIFICATIONS

Material	aluminum
Color	■ silver anodized
Possible fixture IP	20, 67
Possible fixture shapes	linear
Profile cross-section	angled
Width	0.6"
Height	0.6"
LED gluing width A	0.4"
Number of LED strips A (0.31" wide)	1
Width of the glow	11.2 mm
Max power of a single KLUŚ LED strip	7.3 W/ft
Lighting at an angle	45
Lighting angle adjustment from	0
Closet Rated	yes
Possibility of obtaining a line of light	yes
Building type	Residential, Retail, Hotel / Restaurant, Entertainment/ Arts, Other

Length	Ref
39.4"	A08504A_1
78.9"	A08504A_2

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Facility zone	office, kitchen, bathroom, under-cabinet / furniture, cove / perimeter, exhibition / tradeshow / display, fitness / spa, media rooms / av
The cover is cut to the length of the profile	yes
Wire out back of extrusion	yes

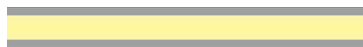
LINE OF LIGHT TABLE

LED tape	LIGER-11 satin	LIGER-11 black	HS-11 frosted	KA-11 frosted round	KA frosted
KWP-GDL-1229-24	✓ (1)	X	X	X	✓ (1)
K-CR-1220-24	✓ (1)	X	X	X	✓ (1)
K-CR-1275-24	✓ (1)	X	X	X	✓ (1)
K-CRHD-1820-24	✓ (1)	✓ (1)	X	X	✓ (1)
K-CRHD-1910-24	✓ (1)	✓ (1)	X	X	✓ (1)
K-HEHD-0480-24	✓ (1)	X	X	X	✓ (1)
K-HEHD-0960-24	✓ (1)	X	X	X	✓ (1)
K-HEHD-1440-24	✓ (1)	X	X	X	✓ (1)
K-HEHD-1920-24	✓ (1)	X	X	X	✓ (1)
K-HEHD-0320-24	✓ (1)	X	X	X	✓ (1)
K-RGBW-1920-120-24	✓ (1)	X	X	X	✓ (1)
KWP-RGB-1200-24	✓ (1)	X	X	X	✓ (1)
K-22/50-1728-24	✓ (1)	✓ (1)	X	X	✓ (1)
K-27/65-1920-24	✓ (1)	X	X	X	✓ (1)
K-18D30-0960-24	✓ (1)	✓ (1)	X	X	✓ (1)
K-27T50-1440-24	✓ (1)	✓ (1)	X	X	✓ (1)
K-CRHD-0530-24	✓ (1)	✓ (1)	X	X	✓ (1)
K-HEHD-1440-24-40C	✓ (1)	X	X	X	✓ (1)
KWP-GRGBW-1920-120-24	✓ (1)	X	X	X	✓ (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

SAMPLE PROJECTS



RELATED ACCESSORIES > COVERS

NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
LENSO-11 30°DEG Focusing cover	- indoor use - focusing	PC	80 %	semi-transparent	B17112T
HS-11 Cover	- For indoor and outdoor applications - UV resistant - high durability	PC	59 %	frosted	B17208F
			88 %	clear	B17208C
KA-11 Cover	- maximum brightness - indoor use - basic - universal	PC	67 %	frosted	B17064F
			89 %	clear	B17064C
LIGER-11 Cover	- indoor use - Ease of obtaining a line of light - perfectly diffusing - high light quality	PC	21 %	black	B17037B
			59 %	satın	B17037S

RELATED ACCESSORIES > END CAPS

NAME	MATERIAL	COLOR	REF.
45-16 End cap	PP	■ gray	C24206C02

RELATED ACCESSORIES > RELATED LED > CRI 90+

Name	Key features	IP protection rating	Power consumption	Ref.
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

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Name	Key features	IP protection rating	Power consumption	Ref.
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
LED tape K-2400-24	- 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

RELATED ACCESSORIES > RELATED LED > CRI 95+

Name	Key features	IP protection rating	Power consumption	Ref.
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
LED tape K-CR-1210-24	- 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
LED tape K-CR-1220-24	- 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
LED tape K-CR-1275-24	- 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
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

Name	Key features	IP protection rating	Power consumption	Ref.
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-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

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

Name	Key features	IP protection rating	Power consumption	Ref.
KWP-RGB-1920-24 LED tape	- RGB	65	5.9 W/ft	KWP-RGB-1920-24
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
KWP-GRGBW-1920-120-24 LED tape	- RGBW (3000K)	65	5.9 W/ft	KWP-GRGBW-1920-120-24

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

Name	Key features	IP protection rating	Power consumption	Ref.
LED tape K-27/65-1920-24V	- Tuneable white 2600K-6500K	20	5.9 W/ft	K-27/65-1920-24
LED tape KWP-27/65-1920-24	- Tuneable white 2600K-6500K	65	5.9 W/ft	KWP-27/65-1920-24
LED tape K-22/50-1728-24V	- Tuneable white 2200K-5000K	20	5.3 W/ft	K-22/50-1728-24
LED tape K-30/18-1770-24V		20	3.5 W/ft	K-30/18-1770-24
LED tape K-30/18-1770-010V-24V		20	3.5 W/ft	K-30/18-1770-010V-24V
LED tape KWP-G22/50-1728-24	- Tuneable white 2200K-5000K	65	5.3 W/ft	KWP-G22/50-1728-24

RELATED ACCESSORIES > RELATED LED > HIGH EFFICACY

Name	Key features	IP protection rating	Power consumption	Ref.
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

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Name	Key features	IP protection rating	Power consumption	Ref.
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
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

RELATED ACCESSORIES > RELATED LED

Name	Key features	IP protection rating	Power consumption	Ref.
LED tape K-0360-24 1.1 W/m, IP20 NEW		20	1.1 W/ft	K-27-0360-24 K-30-0360-24 K-35-0360-24 K-40-0360-24 K-50-0360-24
LED tape K-18D30-0960-24	- Dim To Warm LED Stripe	20	2.9 W/ft	K-18D30-0960-24
LED tape K-27T50-1440-24	- RGB+Tunable White	20	4.4 W/ft	K-27T50-1440-24
LED tape KWP-RGB-1200-24	- RGB	65	3.7 W/ft	KWP-RGB-1200-24

RELATED ACCESSORIES > RELATED LED > SINGLE DIODE PIXEL CONTROLLABLE

Name	Key features	IP protection rating	Power consumption	Ref.
Digital LED strip KWP-GDL-1229-24 NEW	- Digital tape	65	3.7 W/ft	KWP-GDL30-1229-24 KWP-GDL40-1229-24

RELATED ACCESSORIES > OTHER ACCESSORIES > MOUNTING BRACKETS

Name	Key features	Material	Color	Ref.
PL-PDM Mounting bracket	- Aesthetic installation of linear fixtures	PP	■ gray	C24041C02
PDS-STN Mounting bracket	- For indoor and outdoor applications	stainless steel	■ silver	C24190N00
REG-PD Mounting bracket	- Mounting with angle adjustment function	ASA	■ gray	C28055C02
PDS Mounting bracket	- For indoor and outdoor applications	stainless steel	■ silver □ white ■ black	C24189C02 C24223C10 C24189C07

Name	Key features	Material	Color	Ref.
PDS-STN-90G Mounting bracket	- Angular mount for indoor and outdoor applications	stainless steel	<input type="checkbox"/> silver <input type="checkbox"/> white <input type="checkbox"/> black	C24370N00 C24370L10 C24370L07
PDS-STN-90D Mounting bracket	- Angular mount for indoor and outdoor applications	stainless steel	<input type="checkbox"/> silver <input type="checkbox"/> white <input type="checkbox"/> black	C24367N00 C24367L10 C24367L07

RELATED ACCESSORIES > OTHER ACCESSORIES > FASTENERS AND HEADS FOR EXTRUSIONS

Name	Material	Color	Ref.
ST Head	stainless steel	<input type="checkbox"/> silver	C28114N00
DP-MOC Fastener , silver	stainless steel	<input type="checkbox"/> silver	00645

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

Name	Key features	Material	Color	Ref.
ZZ Head		stainless steel	<input type="checkbox"/> silver	42218
FI-8-LIN-MR Fastener	- Power supply cable - mounting in thin walls (from 1mm)	stainless steel, PA aluminum, PA aluminum, PA	<input type="checkbox"/> silver <input type="checkbox"/> white <input type="checkbox"/> black	C28172N00 C28172L10 C28172L07

RELATED ACCESSORIES > OTHER ACCESSORIES > SUSPENSION AND MOUNTING SETS

Name	Key features	Material	Color	Ref.
Fastener set M3		stainless steel	<input type="checkbox"/> silver	C28182N00
Fastener set M4		stainless steel	<input type="checkbox"/> silver	C28180N00
Fastener set M5		stainless steel	<input type="checkbox"/> silver	C28181N00
M14 Fastener set		stainless steel	<input type="checkbox"/> silver	42612
RG-1 Fastener set	- Cable adjustment at the ceiling, cable included	brass	<input type="checkbox"/> silver glossy <input type="checkbox"/> silver satin <input type="checkbox"/> white colored <input type="checkbox"/> black colored	C28230P00 C28230P01 C28230L10 C28230L07

RELATED ACCESSORIES > OTHER ACCESSORIES > ADDITIONAL ITEMS

Name	Material	Ref.
M8x1 Gland	brass	C42265N00

RELATED ACCESSORIES > ELECTRONICS > SWITCHES

Name	Key features	IP protection rating	Ref.
Switch MICRO 96W IP20	- push button switch - factory pre-soldered wires	20	1576
Proximity switch UNI	- touchless switch - width only 7mm	20	E61579