

- Installation of lighting and stretch films in suspension
- High lumen output
- Mounting to 12,5 mm - 0.50" drywall
- Non visible aluminum elements
- Line of light flush with the surface

APPLICATION

- lighting recessed in surfaces made of stretch film and in drywall

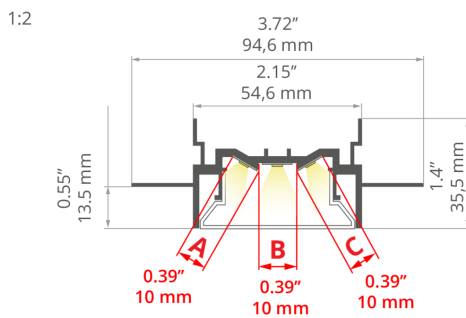
MOUNTING

- suspended or in drywall, using a dedicated mounting track, dedicated accessories and screws

ADDITIONAL INFORMATION

- the profile has grooves for the attachment of the hooks from the stretch film
- 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 non anodized
Possible fixture IP	20
Possible fixture shapes	linear, polygonal
Profile cross-section	rectangular
Width	94.6 mm
Height	35.5 mm
LED gluing width A	10 mm
LED gluing width B	10 mm
LED gluing width C	10 mm
Number of LED strips A (8 mm wide)	1
Number of LED strips B (8 mm wide)	1
Number of LED strips C (8 mm wide)	1
Width of the glow	51 mm
Max power of a single KLUŚ LED strip	24 W/m
Lighting at an angle	90
Lighting angle adjustment from	0
Lighting angle adjustment up to	80

Length	Ref
1000 mm	A03632N_1
2005 mm	A03632N_2
3010 mm	A03632N_3

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)

Profile FOLED-50

Ref. A03632

Beam angle adjustment from	90
Beam angle adjustment up to	90
Possibility of obtaining a line of light	yes
Building type	Commercial, Retail, Entertainment/ Arts, HoReCa object
Facility zone	office

LINE OF LIGHT TABLE

LED tape	osłona
K-0360-24	✓ (3)
K-0720-24	✓ (3)
K-1080-24	✓ (3)
K-HD-0430-24	✓ (3)
K-HD-0830-24	✓ (3)
K-HD-1260-24	✓ (3)
K-2400-24	✓ (3)
K-RGBW-1530-24	✓ (3)
K-RGB-0700-24V	✓ (3)
K-RGB-1200-24	✓ (3)
K-18D30-0960-24	✓ (3)

Description

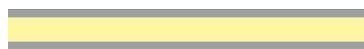
✓ - Line of Light for a number (X) of rows - Pixel free imaging

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

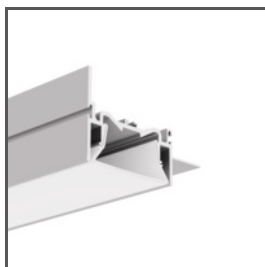


Visible Dotting from Diodes

SAMPLE PROJECTS




SIMILAR PROFILES



Profile FOLED-50-BOK
A57945

RELATED ACCESSORIES > COVERS

NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
Cover FOLED-50	 <ul style="list-style-type: none"> - indoor use - for stretch ceilings 	PMMA	79 %	satin	B17171S

RELATED ACCESSORIES > END CAPS

NAME	MATERIAL	COLOR	REF.
End cap FOLED-50	 stainless steel	 gray	C28238N00
End cap FOLED-50-W	 PMMA	 white	C24294C02

RELATED ACCESSORIES > PROFILE TECHNICZNE

Name	Material	Color	Ref.
Profile FOLHAK	aluminum	 silver non anodized	A08338

RELATED ACCESSORIES > RELATED LED > CRI 95+

Name	Key features	IP protection rating	Power consumption	Ref.
LED tape K-CR-0480-24	<ul style="list-style-type: none"> - universal for basic applications - CRI over 95 	20	4.8 W/m	K-CR27-0480-24 K-CR30-0480-24 K-CR35-0480-24 K-CR40-0480-24 K-CR50-0480-24
LED tape K-CR-0960-24	<ul style="list-style-type: none"> - universal for basic applications - CRI over 95 	20	9.6 W/m	K-CR27-0960-24 K-CR30-0960-24 K-CR35-0960-24 K-CR40-0960-24 K-CR50-0960-24

Name	Key features	IP protection rating	Power consumption	Ref.
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-CR35-1440-24 K-CR40-1440-24 K-CR50-1440-24

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-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-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-0430-24 4.3 W/m, IP20 NEW		20	4.3 W/m	K-HD27-0430-24 K-HD30-0430-24 K-HD35-0430-24 K-HD40-0430-24 K-HD50-0430-24
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-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
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-HD30-0480-24 K-HD35-0480-24 K-HD40-0480-24 K-HD50-0480-24
LED tape K-HD-0960-24	- high LED density - Ease of obtaining a line of light	20	9.6 W/m	K-HD27-0960-24 K-HD30-0960-24 K-HD35-0960-24 K-HD40-0960-24 K-HD50-0960-24
LED tape K-HD-1440-24	- high LED density - Ease of obtaining a line of light	20	14.4 W/m	K-HD27-1440-24 K-HD30-1440-24 K-HD35-1440-24 K-HD40-1440-24 K-HD50-1440-24
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-40-0480-24 K-50-0480-24

Name	Key features	IP protection rating	Power consumption	Ref.
LED tape K-0960-24	- universal for basic applications	20	9.6 W/m	K-27-0960-24 K-30-0960-24 K-30-0960-24-R30 K-35-0960-24 K-40-0960-24 K-40-0960-24-R30 K-50-0960-24 K-65-0960-24
LED tape K-1440-24	- universal for basic applications	20	14.4 W/m	K-27-1440-24 K-30-1440-24 K-30-1440-24-R30 K-35-1440-24 K-40-1440-24 K-40-1440-24-R30 K-50-1440-24
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

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-VHE35-0480-24 K-VHE40-0480-24 K-VHE50-0480-24
LED tape K-VHE-0960-24	- universal for basic applications - high efficacy - High Efficacy	20	9.6 W/m	K-VHE27-0960-24 K-VHE30-0960-24 K-VHE35-0960-24 K-VHE40-0960-24 K-VHE50-0960-24
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-VHE35-1440-24 K-VHE40-1440-24 K-VHE50-1440-24

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-RGBW-1530-24	- RGBW (3000K) - high LED density	20	15.3 W/m	K-RGBW-1530-24
LED tape K-RGB-1200-24	- RGB	20	12 W/m	K-RGB-1200-24

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


RELATED ACCESSORIES > RELATED LED

Name	IP protection rating	Power consumption	Ref.
LED tape K-RGB27T50-1200-24, 2700K, 420 lm/m, 12 W/m, IP20	20	12 W/m	K-RGB27T50-1200-24








RELATED ACCESSORIES > RELATED LED > DIGITAL


Name	Key features	IP protection rating	Power consumption	Ref.
Digital LED strip K-DL-1229-24	- Digital tape	20	12.29 W/m	K-DL30-1229-24 K-DL40-1229-24

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > MOUNTING BRACKETS

Name	Material	Color	Ref.
Spring hanger	steel	 silver	Z71000

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > CONNECTORS



Name	Material	Color	Ref.
Connector ZM-PION-120	stainless steel	 silver	C28087N00
Connector ZM-PION-135	stainless steel	 silver	C28088N00
Connector ZM	stainless steel	 silver	42716 42717 42720 42728 C28070N00 C28071N00 C28072N00 C28073N00 C28074N00 C28075N00 C28243N00
Connector ZM-NA	stainless steel	 silver	42305 42339 42723 42724 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

Name	Material	Color	Ref.
Connector ZM-PION	stainless steel	 silver	42314
			42316
			42320
			42718
			42719
			C28084N00
			C28085N00
			C28086N00
C28087N00			
C28088N00			

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > OTHER

Name	Key features	Material	Ref.
Gland 6,4x3		rubber	C42264C07
Gland M8x1		brass	C42265N00
Gland M10x1	- metal housing - with M10x1 thread	mosiądz niklowany	C28275N00

RELATED ACCESSORIES > ELECTRONICS > SWITCHES

Name	Key features	IP protection rating	Ref.
Proximity switch UNI-11 	- touchless switch - width 11mm	20	E61603
Proximity switch UNI-11P 	- touchless switch - width 11mm - factory pre-soldered wires	20	E61604
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