

Profile 45-16

Ref. A08504



IP20



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

APPLICATION

- furniture, under-cabinet and decorative lighting

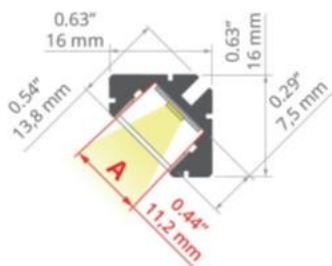
MOUNTING

- to the surface, using dedicated accessories or mounting adhesive
- easy assembly and disassembly by snapping in and out

ADDITIONAL INFORMATION

- 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)
- 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
Possible fixture IP	20, 67
Possible fixture shapes	linear
Profile cross-section	angled
Width	16 mm
Height	16 mm
LED gluing width A	11.2 mm
Number of LED strips A (8 mm wide)	1
Width of the glow	11.2 mm
Max power of a single KLUŚ LED strip	24 W/m
Lighting at an angle	45
Lighting angle adjustment from	0
Closet Rated	yes
Building type	Residential, Retail, HoReCa object, Entertainment/ Arts, Other

Color	Length	Ref
■ silver anodized	1000 mm	A08504A_1
	2005 mm	A08504A_2
	3010 mm	A08504A_3
□ white lacquered	1000 mm	A08504L10_1
	2000 mm	A08504L10_2
	3000 mm	A08504L10_3

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Facility zone	office, kitchen, bathroom, furniture, niche/cove, advertising / POS, shop windows and exhibition
The cover is cut to the length of the profile	yes
Wire out back of extrusion	yes

SAMPLE PROJECTS



RELATED ACCESSORIES > COVERS

NAME		MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
Focusing cover LENS-11-30°DEG		PC	80 %	semi-transparent	B17112T
Cover HS-11		PC	59 %	frosted	B17208F
			88 %	clear	B17208C
Cover KA-T-11		PVC	54 %	frosted	B17179F
			86 %	clear	B17179C
Cover KA-11		PC	67 %	frosted	B17064F
			89 %	clear	B17064C
Cover LIGER-11		PC	21 %	black	B17037B
			59 %	satin	B17037S

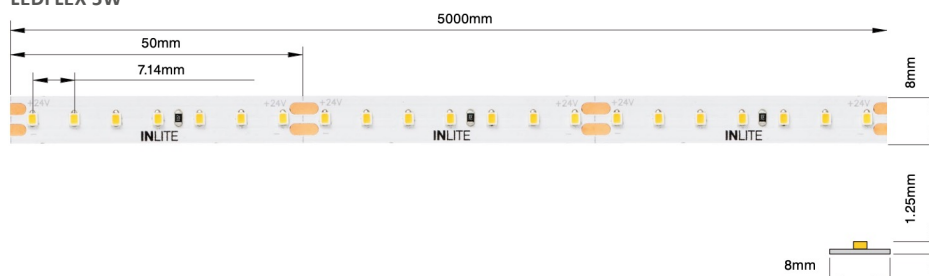
RELATED ACCESSORIES > END CAPS

NAME		MATERIAL	COLOR	REF.
End cap 45-16		PP	gray	<u>C24206C02</u>

Profile 45-16

Ref. A08504 Strip Options

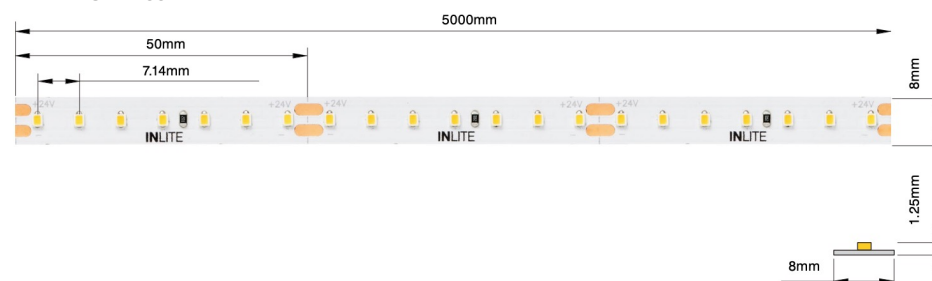
LED FLEX 5W



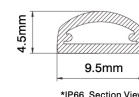
Technical Specification

LEDs/M	Lumens/W	Lumens/M	Wattage	Voltage	Colour (K)	SDCM	Lumen Maintenance	CRI	IP
140	96	480	5	24	2700	3	L70>51,000hrs	>90	20
140	101	504	5	24	3000	3	L70>51,000hrs	>90	20
140	106	528	5	24	4000	3	L70>51,000hrs	>90	20

LED FLEX 5W IP66



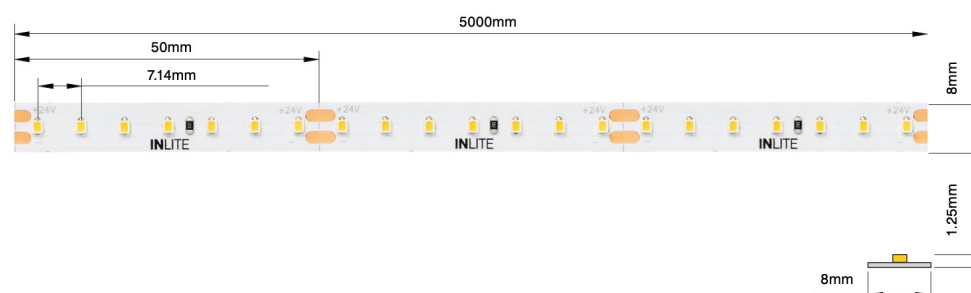
IP66 Silicon Option



Technical Specification

LEDs/M	Lumens/W	Lumens/M	Wattage	Voltage	Colour (K)	SDCM	Lumen Maintenance	CRI	IP
140	96	480	5	24	2700	3	L70>51,000hrs	>90	66
140	101	504	5	24	3000	3	L70>51,000hrs	>90	66
140	106	528	5	24	4000	3	L70>51,000hrs	>90	66

LED FLEX 10W



Technical Specification

LEDs/M	Lumens/W	Lumens/M	Wattage	Voltage	Colour (K)	SDCM	Lumen Maintenance	CRI	IP
140	100	960	10	24	2700	3	L70>51,000hrs	>90	20
140	105	1008	10	24	3000	3	L70>51,000hrs	>90	20
140	110	1056	10	24	4000	3	L70>51,000hrs	>90	20

Profile 45-16

Ref. A08504 Strip Options

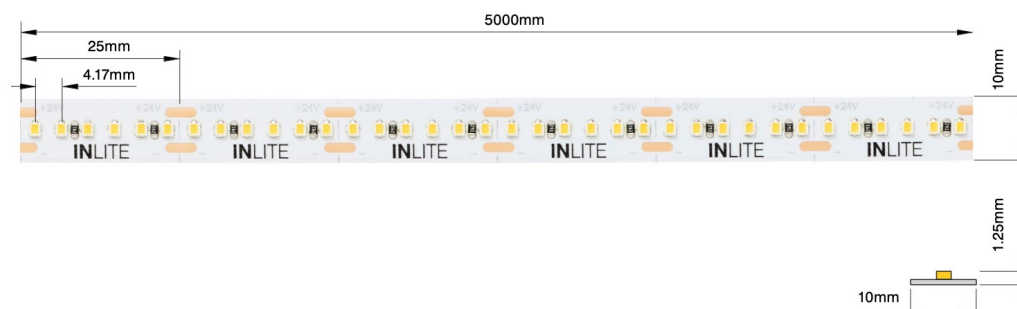
LED FLEX 10W IP66



Technical Specification

LEDs/M	Lumens/W	Lumens/M	Wattage	Voltage	Colour (K)	SDCM	Lumen Maintenance	CRI	IP
140	100	960	10	24	2700	3	L70>51,000hrs	>90	66
140	105	1008	10	24	3000	3	L70>51,000hrs	>90	66
140	110	1056	10	24	4000	3	L70>51,000hrs	>90	66

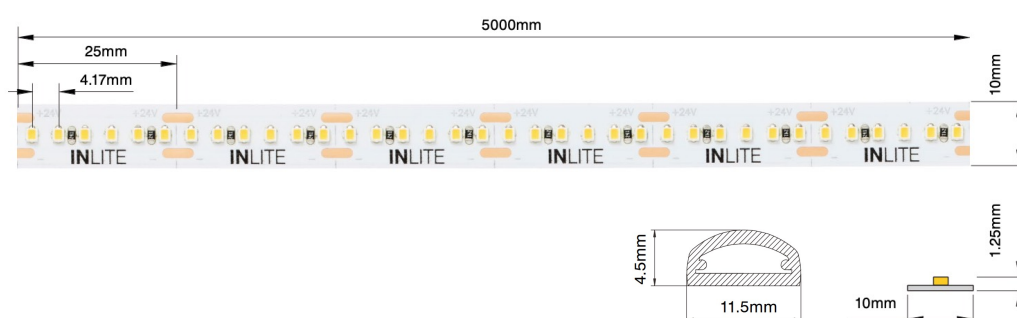
LED FLEX 15W



Technical Specification

LEDs/M	Lumens/W	Lumens/M	Wattage	Voltage	Colour (K)	SDCM	Lumen Maintenance	CRI	IP
240	85	1275	15	24	2700	3	L70>51,000hrs	>90	20
240	90	1350	15	24	3000	3	L70>51,000hrs	>90	20
240	95	1425	15	24	4000	3	L70>51,000hrs	>90	20

LED FLEX 15W IP66



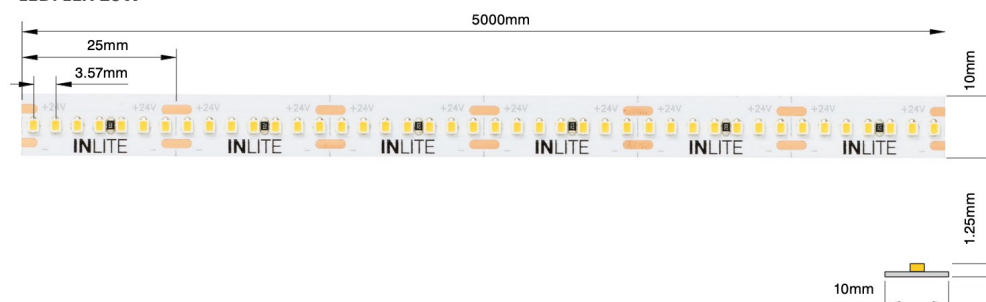
Technical Specification

LEDs/M	Lumens/W	Lumens/M	Wattage	Voltage	Colour (K)	SDCM	Lumen Maintenance	CRI	IP
240	85	1275	15	24	2700	3	L70>51,000hrs	>90	20
240	90	1350	15	24	3000	3	L70>51,000hrs	>90	20
240	95	1425	15	24	4000	3	L70>51,000hrs	>90	20

Profile 45-16

Ref. A08504 Strip Options

LED FLEX 20W



Technical Specification

LEDs/M	Lumens/W	Lumens/M	Wattage	Voltage	Colour (K)	SDCM	Lumen Maintenance	CRI	IP
280	96	1920	20	24	2700	3	L70>51,000hrs	>90	20
280	101	2016	20	24	3000	3	L70>51,000hrs	>90	20
280	106	2112	20	24	4000	3	L70>51,000hrs	>90	20

LED FLEX 20W IP66



Technical Specification

LEDs/M	Lumens/W	Lumens/M	Wattage	Voltage	Colour (K)	SDCM	Lumen Maintenance	CRI	IP
280	96	1920	20	24	2700	3	L70>51,000hrs	>90	20
280	101	2016	20	24	3000	3	L70>51,000hrs	>90	20
280	106	2112	20	24	4000	3	L70>51,000hrs	>90	20

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



HEAD
ZO
C28115N00



FASTENER
FI-8-LIN-MR
C28172N00, C28172L10,
C28172L07



FASTENER
DP-MOC-ZZ
00647



FASTENER
DP-MOC-ZO
00646

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > FASTENERS AND HEADS FOR PROFILES



HEAD
ST
C28114N00

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > MOUNTING BRACKETS



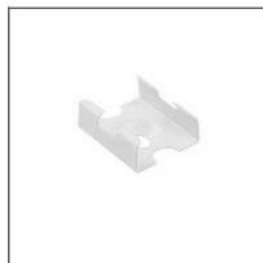
MOUNTING BRACKET
PL-PDM
C24041C02



MOUNTING BRACKET
PDS-STN
C24190N00



MOUNTING BRACKET
REG-PD
C28055C02



MOUNTING BRACKET
PDS
C24223C10, C24189C07



MOUNTING BRACKET
PDS-STN-90G
C24370N00, C24370L07,
C24370L10



MOUNTING BRACKET
PDS-STN-90D
C24367N00, C24367L07,
C24367L10



MOUNTING BRACKET
PDS-STN-ALFA
C28060N00



MOUNTING BRACKET
PDS-STN-45D
C24456N00



MOUNTING BRACKET
PDS-STN-60D
C24457N00

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > OTHER



GLAND
M8x1
C42265N00



GLAND
M10x1
C28275N00



HERMETIC COUPLER
THB.391.A4A, 4 pin
C42268C10



HERMETIC COUPLER
THB.381, 2pin
C28125C07



HERMETIC COUPLER
THB.391.A5A, 5 pin
C28156C07

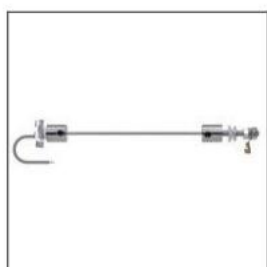


JOINT CONNECTOR
THB.200.E5E, 5 pin
C28157C07

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > SUSPENSION AND MOUNTING SETS



FASTENER SET
W9
C28207N00



FASTENER SET
W10
C28208N00



FASTENER SET
RG-1
C28230P00, C28230P01,
C28230L10, C28230L07

RELATED ACCESSORIES > ELECTRONICS



MICRO
E61601

Profile 45-16

Ref. A08504

RELATED ACCESSORIES > ELECTRONICS > SWITCHES



UNI-11

E61603



UNI-P

E61580