

Profile 45-PLUS

Ref. A00005

NEW



IP20



- Light line with dedicated cover
- Installation in corners
- Lighting at a 45° angle
- Wide range of accessories
- Ease of creating geometric figures
- Possibility of mounting sealed LED strips of the 8K series

APPLICATION

- furniture, under-cabinet and decorative lighting

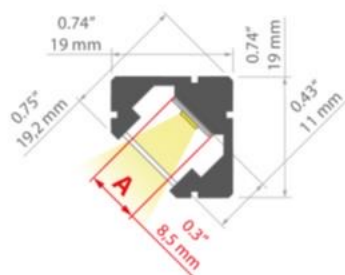
MOUNTING

- to the surface or suspended, using dedicated accessories
- cover cut together with the profile

ADDITIONAL INFORMATION

- standard lengths of KLUS 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 KLUS

TECHNICAL DRAWING



TECHNICAL SPECIFICATIONS

Material	aluminum
Possible fixture IP	20
Possible fixture shapes	linear
Profile cross-section	angled
Width	19 mm
Height	19 mm
LED gluing width A	8.5 mm
Number of LED strips A (8 mm wide)	1
Lighting at an angle	45
Possibility of obtaining a line of light	yes
Building type	Residential, Retail, HoReCa object, Entertainment/ Arts, Other
Facility zone	office, kitchen, bathroom, furniture, niche/cove, advertising / POS, shop windows and exhibition
Easy assembly and disassembly by snapping in and out	yes
The cover is cut to the length of the profile	yes

Color	Length	Ref
 silver anodized	1000 mm	A00005A_1
	2005 mm	A00005A_2
	3010 mm	A00005A_3
 silver non anodized	1000 mm	A00005N_1
	2005 mm	A00005N_2
	3010 mm	A00005N_3
 white lacquered	1000 mm	A00005L10OD_1
	2005 mm	A00005L10OD_2
	3010 mm	A00005L10OD_3
 black anodized	2005 mm	A00005A07_1
	3010 mm	A00005A07_2
		A00005A07_3

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Can be easily connected into runs	yes
Furniture lighting	yes
Decorative lighting	yes
Functional lighting	yes
Wire out end cap	yes
Wire out back of extrusion	yes

SAMPLE PROJECTS



RELATED ACCESSORIES > COVERS

NAME		MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
Cover LIGER-11		PC	21 %	black	B17037B
			59 %	satin	B17037S
Cover KA-11S		PC	73 %	frosted	B17038F
Cover KA-11		PC	67 %	frosted	B17064F
			89 %	clear	B17064C
Cover KA-11R		PC	62 %	frosted	B17076F
Cover KA-T-11		PVC	54 %	frosted	B17179F
			86 %	clear	B17179C
Cover HS-11		PC	59 %	frosted	B17208F
			88 %	clear	B17208C

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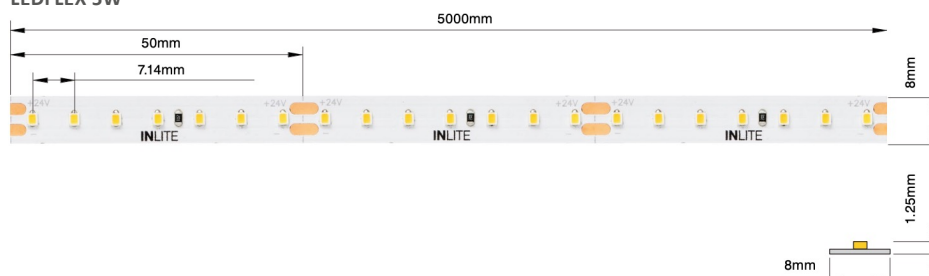
RELATED ACCESSORIES > END CAPS

NAME			MATERIAL	COLOR	REF.
End cap 45-PLUS	NEW		ABS	black	C20007C07
				gray	C20007C02
				white	C20007C10
End cap with hole 45-PLUS-OTW	NEW		ABS	black	C20007C07TW
				gray	C20007C02TW
				white	C20007C10TW
End cap with hole 45-PLUS-R-OTW	NEW		ABS	black	C20008C07TW
				gray	C20008C02TW
				white	C20008C10TW
End cap 45-PLUS-R	NEW		ABS	black	C20008C07
				gray	C20008C02
				white	C20008C10

Profile 45-PLUS

Ref. A00005 Strip Options

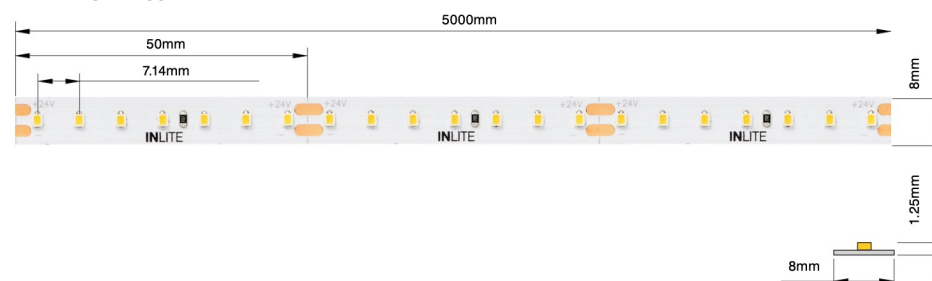
LED FLEX 5W



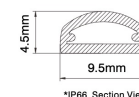
Technical Specification

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



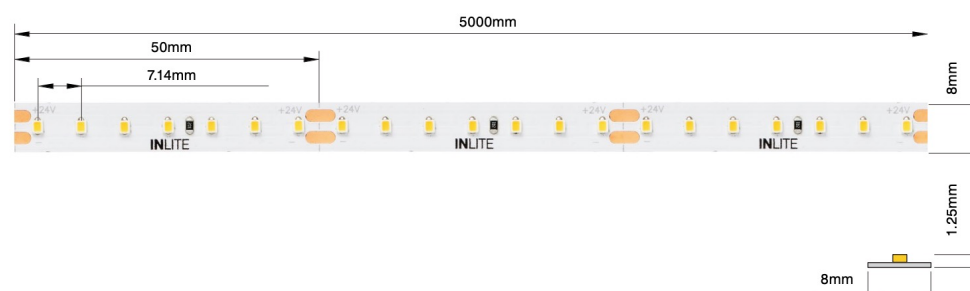
IP66 Silicon Option



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-PLUS

Ref. A00005 Strip Options

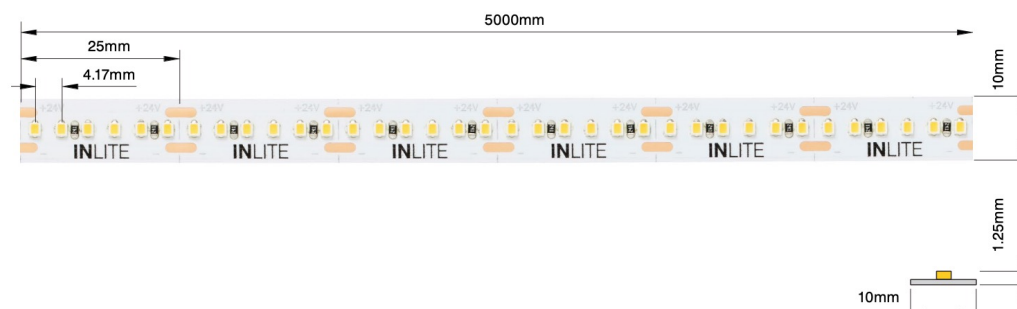
LED FLEX 10W IP66



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

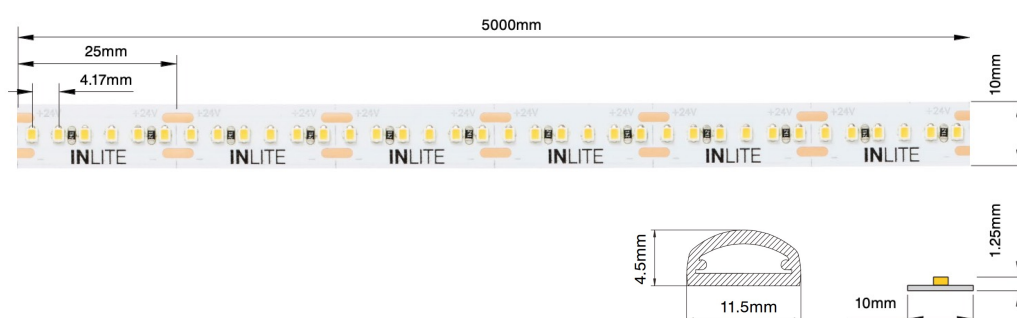
LED FLEX 15W



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



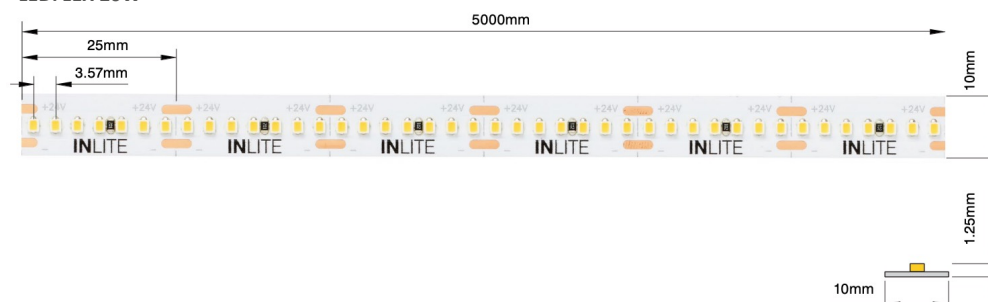
Technical Specification

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-PLUS

Ref. A00005 Strip Options

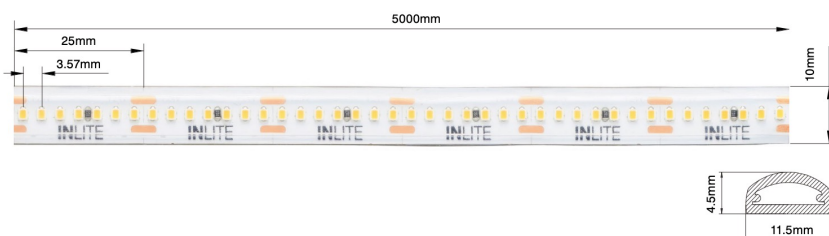
LED FLEX 20W



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 > CONNECTORS



CONNECTOR
ZM



CONNECTOR
ZM-NA



CONNECTOR
ZM-PION

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



HEAD
45-ST
C28111N00

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > MOUNTING BRACKETS



MOUNTING BRACKET
45-STN
C24144N00, C24262L07,
C24265L10

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > OTHER



GLAND
M8x1
C42265N00



GLAND
M10x1
C28275N00

RELATED ACCESSORIES > ELECTRONICS



MICRO
E61601

RELATED ACCESSORIES > ELECTRONICS > SWITCHES



UNI-11
E61603



UNI-P
E61580



UNI
E61579



UNI-11P
E61604