LED line
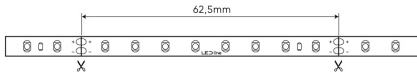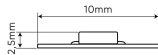
LED line PRIME LED strip 144 SMD 24V 2700K 6,5W 200lm/W

LED Strip line is a modern and versatile linear **light source**, used for interior lighting, furniture, lightboxes, illuminated signs, and public spaces.

10mm

2,5mm

62,5mm

*.IES Reliable photometric files are available based on photometric tests performed at the LED line® Light Research and Measurement Centre.

3-step MacAdam The colour temperature range of the product falls within 3 steps of MacAdam formula, which ensures high consistency of the produced light.

YELLOW FREE™ Yellow free technology means that the housing of this product is made of high quality material which is resistant to yellowing degeneration caused by UV radiation, thanks to which the product maintains its easthetic appearance for many years.

5-year warranty Manufacturer issues a 5-year warranty for this product.

voltage 24V Voltage range and voltage type

120° Beam angle

MAX -30 ÷ 45 Ambient temperature suitable for operation

SMD LED type

50 000 h L70B50 Lifespan

144 1m LED quantity (1m)

200 lm W

720 LED quantity

Parameter	Value
Luminous efficacy	200 lm/W
Colour of the light	White
Energy efficiency class 2019/2015	B
Correlated colour temperature	2700 K
Colour consistency in McAdam ellipses	≤3
IP protection rating	20
Warranty (years)	5
Dimmable function	Yes
Survival factor	0.9
Minimum purchase quantity	5
Lifetime L70B50	50 000
Wire length	200 mm
Wattage (1m)	6,5 W
Luminous flux (1m)	1300
Current (1m)	0,27
Supply voltage range and voltage type	24V

Parameter	Value
Laminate (colour)	White
Laminate (thickness)	3
LED quantity (1m)	144
Cutting section	6,25
Type of adhesive tape	3M 300 LSE
Colour consistency in McAdam ellipses	≤3
Ambient temperature suitable for operation	`-30 ÷ 45 °C
Length	5000 mm
Width	10 mm
Height	2,5 mm
Form of the product (EPREL)	Dotyczy 50cm taśmy
Angle for useful luminous flux (EPREL)	Sphere 360 degrees
Is the product equipped with an integrated light source? (EPREL)	No
Non-directional or directional light source (EPREL)	NDLS
Is this product a light source? (EPREL)	Yes

Colour rendering index Ra	80		Mains or non- mains light source (EPREL)	NMLS
Metres per roll	5		Connected light source (EPREL)	No
The lumen maintenance factor	96		Colour-tuneable light source (EPREL)	No
Beam angle	120 °		Total luminous flux (EPREL)	650
LED type	SMD		On-mode power Pon (EPREL)	3.25
LED quantity	720		Useful luminous flux Φuse (EPREL)	650
Compatible dimmer type	PWM		Beam angle in degrees (EPREL)	120

Single packaging

153
182
15
5

Bulk packaging

100

Europallet

6