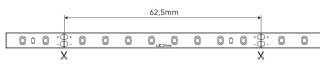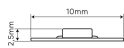# LED line PRIME LED strip 128 SMD 24V 2700K 8,5W 160lm/W

Product description

It is a solution for the needs of most demanding customers.

The colour temperature range of the product falls within 3 steps of MacAdam formula, which ensures high consistency of the produced light. Reliable photometric files are available based on photometric tests performed at the LED line® Light Research and Measurement Centre.

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.	**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.
		*.IES	Reliable photometric files are available based on photometric tests performed at the LED line® Light Research and Measurement Centre.
5-year warranty	Manufacturer issues a 5-year warranty for this product.		
160 lm / W		**IP20**	IP protection rating
50000 h L70B50	Lifespan	**voltage 24V**	Voltage range and voltage type
5		**120 °**	Beam angle
SMD	LED type	**640**	LED quantity
PWM	Compatible dimmer type	**PCB 3 oz**	Laminate (thickness)
128 1m	LED quantity (1m)	**6,25 cm**	Cutting section
3M® 3M 300 LSE	Type of adhesive tape	**MAX -30 ÷ 45**	Ambient temperature suitable for operation

Name of the parameter	Value	Name of the parameter	Value
Klasyfikacja GPC	10003056	Metres per roll	5
Jednostka gs1	m	The lumen maintenance factor	96
Zawartość netto produktu	5	Beam angle	120 °
Colour of the light	White	LED type	SMD
Correlated colour temperature	2700 K	LED quantity	640
Luminous efficacy	160 lm/W	Compatible dimmer type	PWM
Energy efficiency class 2019/2015	D	Laminate (colour)	White
Colour consistency in McAdam ellipses	≤3	Laminate (thickness)	3
IP protection rating	20	LED quantity (1m)	128
Warranty (years)	5	Cutting section	6,25
Dimmable function	Yes	Type of adhesive tape	3M 300 LSE
Survival factor	0.9	Colour consistency in McAdam ellipses	≤3
PCB layers	2 layers	Ambient temperature suitable for operation	`-30 ÷ 45 °C
Minimum purchase quantity	5	Length	5000 mm
Lifetime L70B50	50000	Width	10 mm
Wire length	200 mm	Height	2,5 mm
Wire colours	Black, red	Form of the product (EPREL)	Dotyczy 50cm taśmy
Wiring types	2-wire	Angle for useful luminous flux (EPREL)	Sphere 360 degrees
Wattage (1m)	8,5 W	Is the product equipped with an integrated light source? (EPREL)	No
Luminous flux (1m)	1360	Non-directional or directional light source (EPREL)	NDLS
Current (1m)	0,35	Is this product a light source? (EPREL)	Yes
Supply voltage range and voltage type	24V	Mains or non- mains light source (EPREL)	NMLS
Colour rendering index Ra	80	Chromaticity coordinates x i y (EPREL)	0.46|0.411
		Connected light source (EPREL)	No
		Colour-tuneable light source (EPREL)	No
		Total luminous flux (EPREL)	680
		On-mode power Pon (EPREL)	4.25
		Useful luminous flux Φuse (EPREL)	680
		Beam angle in degrees (EPREL)	120
		Product code	479945

LED line PRIME

Pre-packaging

Width [mm]	**153**
Height [mm]	**182**
Length [mm]	**15**

Cumulative packaging

Number of pieces	**100**
Width [mm]	**340**
Height [mm]	**280**
Length [mm]	**440**
Weight [kg]	**10**
Volume [m3]	**0,08**

Europallet

Number of pieces	**2400**
Bulk quantity	**60**
Weight [kg]	**300**
Weight [kg]	**300**
Pallet height [mm]	**1800**
Quantity in 1 layer	**6**
Number of layers	**10**