LED line

LED line® strip 600 SMD 24V 4000K 14,4W

Product description

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.

1,3mm

10mm
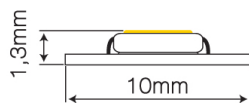
YELLOW FREE™

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.

5-year warranty

Manufacturer issues a 5-year warranty for this product.

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

100 lm / W

IP20

IP protection rating

50000 h / L70B50

Lifespan

voltage 24 V DC

Voltage range and voltage type

LED type

120 °

Beam angle

SMD2835

LED type

600

LED quantity

PWM

Compatible dimmer type

PCB 2 oz

Laminate (thickness)

120 / 1m

LED quantity (1m)

5 cm

Cutting section

3M® 3M 300 LSE

Type of adhesive tape

MAX -25 ÷ 45

Ambient temperature suitable for operation

Name of the parameter	Value
Klasyfikacja GPC	10003056
Jednostka gs1	m
Status	Aktywny (w sprzedaży)
Zawartość netto produktu	1
Colour of the light	White
Correlated colour temperature	4000 K
Luminous efficacy	100 lm/W
Energy efficiency class 2019/2015	F
Colour consistency in McAdam ellipses	≤3
IP protection rating	20
Warranty (years)	5
Led size	28x35
Dimmable function	Yes
Survival factor	0.9
PCB layers	2 layers
Minimum purchase quantity	5
Lifetime L70B50	50000
Coating UV resistance	Yes
Wire length	200 mm
Wire colours	Balck, red
Wiring types	2-wire
Reel size (diameter)	178 mm
Reel size (thickness)	10 mm
Wattage (1m)	14,4 W
Luminous flux (1m)	1440
Current (1m)	0,6
Supply voltage range and voltage type	24 V DC
Colour rendering index Ra	80

| Name of the parameter	Value
Metres per roll	5
The lumen maintenance factor	96
Beam angle	120 °
LED type	SMD2835
LED quantity	600
Compatible dimmer type	PWM
Laminate (colour)	White
Laminate (thickness)	2
LED quantity (1m)	120
Cutting section	5
Type of adhesive tape	3M 300 LSE
Colour consistency in McAdam ellipses	≤3
Ambient temperature suitable for operation	`-25 ÷ 45 °C
For indoor use	YES
Length	5000 mm
Width	10 mm
Height	1,3 mm
EPREL ID	651982
Date of first placement on the market	01.09.2017
Energy class	A++
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
Mains or non- mains light source (EPREL)	NMLS
Chromaticity coordinates x i y (EPREL)	0.38|0.377
Connected light source (EPREL)	No
Colour-tuneable light source (EPREL)	No
R9 colour rendering index value (EPREL)	3
Total luminous flux (EPREL)	720
On-mode power Pon (EPREL)	7
Useful luminous flux Φuse (EPREL)	720
Beam angle in degrees (EPREL)	120
Product code	476869

Luminous [cd/klm]
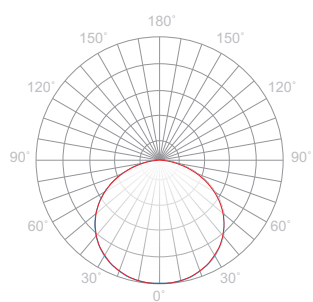
C0 - C180   C90 - C270

Pre-packaging
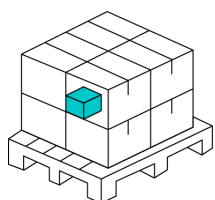
Type	**Film (foil)**
Width [mm]	**260**
Height [mm]	**230**
Length [mm]	**303**
Weight [kg]	**3,9**

Cumulative packaging
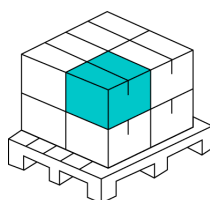
Number of pieces	**100**
Width [mm]	**472**
Height [mm]	**280**
Length [mm]	**620**
Weight [kg]	**15,6**
Volume [m3]	**0,08**
Type of carton box	**Cardboard**

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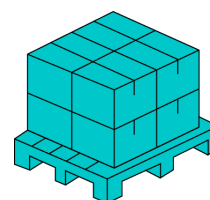
Number of pieces	**2400**
Bulk quantity	**60**
Weight [kg]	**300**
Weight [kg]	**300**
Pallet height [mm]	**1800**
Quantity in 1 layer	**6**
Number of layers	**10**