

Product code: 478245 EAN: 5907777478245

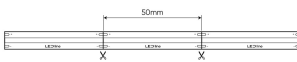
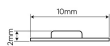
LED line PRIME LED strip 480 COB 24V 2700K 18W



Product description

LED strip for specialised and decorative lighting applications. Meets the requirements of demanding users.

A three-year manufacturer's warranty is provided for the product. The colour temperature range is within 3 steps of MacAdam ellipse, which guarantees that the emitted light maintains a uniform colour. The product has passed tests in LED line® Light Research & Measurement Centre, which were the basis for the preparation of reliable photometry files.



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.



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.



Manufacturer issues a 5-year warranty for this product.



IP protection rating



Lifespan



LED quantity (lm)



Voltage range and voltage type



Beam angle



LED type



LED quantity



Compatible dimmer type



Laminate (thickness)



LED quantity (lm)



Cutting section



Type of adhesive tape

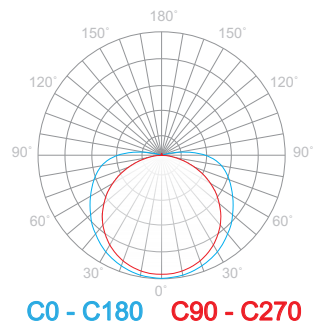


Ambient temperature suitable for operation

Name of the parameter	Value
Colour of the light	White
Correlated colour temperature	2700 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	9*16
Dimmable function	Yes
Survival factor	0.9
PCB layers	2 layers
Minimum purchase quantity	5
Lifetime L70B50	50000
COB led quantity (meter)	480 COB
Wire length	200 mm
Wire colours	Black, red
Wiring types	2-wire
Wattage (lm)	18 W
Luminous flux (lm)	1800
Current (lm)	0,5
Supply voltage range and voltage type	24V
Colour rendering index Ra	90
Metres per roll	5
The lumen maintenance factor	96
Beam angle	180 °

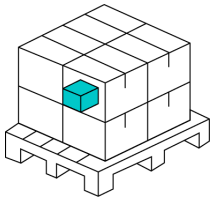
Name of the parameter	Value
LED type	COB
LED quantity	2400
Compatible dimmer type	PWM
Laminate (colour)	White
Laminate (thickness)	2
LED quantity (lm)	480
Cutting section	5
Type of adhesive tape	3M 300 LSE
Colour consistency in McAdam ellipses	≤3
Ambient temperature suitable for operation	-30 ÷ 45 °C
For indoor use	YES
Length	5000 mm
Width	10 mm
Height	2 mm
EPREL ID	1541726
Date of first placement on the market	23.02.2022
Form of the product (EPREL)	Dotyczy 10cm 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)	0.465 0.42
Connected light source (EPREL)	No
Colour-tuneable light source (EPREL)	No
Total luminous flux (EPREL)	180
On-mode power Pon (EPREL)	1.8
Useful luminous flux Φuse (EPREL)	180
Beam angle in degrees (EPREL)	180
Product code	478245
GPC classification	10003056 - Accent lighting
Status	Active (on sale)
Net content of the product	5
GSI unit	m

Luminous [cd/klm]



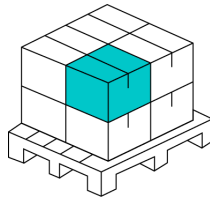
C0 - C180 **C90 - C270**

Pre-packaging



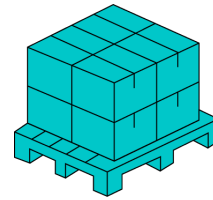
Width [mm] **153**
Height [mm] **182**
Length [mm] **15**

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**