

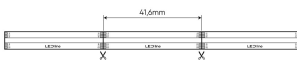
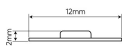
Product code: 200173 EAN: 5905378200173

## LED line PRIME LED strip 840 COB 24V RGBCCT 18W



### 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.



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 esthetic 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
Correlated colour temperature	2700-6500 K
Luminous efficacy	80 lm/W
Energy efficiency class 2019/2015	G
Wavelength GREEN (RGB and colour only, tolerance 5%)	520 nm
Colour consistency in McAdam ellipses	≤3
IP protection rating	20
Warranty (years)	5
Dimmable function	Yes
Survival factor	0.9
PCB layers	2 layers
Minimum purchase quantity	5
Lifetime L70B50	50000
COB led quantity (meter)	840 COB
Wire length	200 mm
Wavelength BLUE (RGB and colour only, tolerance 5%)	465 nm
Wavelength RED (RGB and colour only, tolerance 5%)	620 nm
Wattage (lm)	18 W
Luminous flux (lm)	720
Current (lm)	0,75
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	4200
Compatible dimmer type	PWM
Laminate (colour)	White
Laminate (thickness)	2
LED quantity (lm)	840
Cutting section	4,16
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	12 mm
Height	2 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
Mains or non- mains light source (EPREL)	NMLS
Connected light source (EPREL)	No
Colour-tuneable light source (EPREL)	Yes
Total luminous flux (EPREL)	360
On-mode power Pon (EPREL)	9
Useful luminous flux Φuse (EPREL)	360
Beam angle in degrees (EPREL)	180
Product code	200173
GPC classification	10003056 - Accent lighting
Status	Active (on sale)
Net content of the product	5
GSI unit	m

**Pre-packaging**



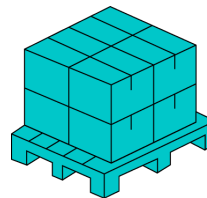
Width [mm] **180**  
Height [mm] **210**  
Length [mm] **20**

**Cumulative packaging**



Number of pieces **100**  
Width [mm] **340**  
Height [mm] **280**  
Length [mm] **440**  
Weight [kg] **10**  
Volume [m<sup>3</sup>] **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**