LED line PRIME   Code: 200173   EAN: 5905378200173

LED strip 840 COB 24V RGBCCT 18W IP20 12mm 5m 500lm/m PRIME

LED 840 COB 24V RGBCCT 18W LED line PRIME is an advanced lighting solution that stands out for high quality and efficiency. Equipped with COB diodes, it offers a wide range of colour temperatures from 2700 to 6500 K, which allows to get a pleasant atmosphere in the rooms. The length of 5 metres and the thickness of 2 mm laminate ensure reliability and stability during installation.

Technical data

Parameter	Value
Energy efficiency class 2019/2015	G
Warranty	5
Power	• 18 W / m
Voltage	• 24 V DC
Correlated colour temperature	• 2700-6500 K
Colour of the light	RGBCCT
Colour rendering index Ra	90
IP protection rating	IP20
IEC protection class	III
Cutting section	4,16 cm
Luminous efficacy	80
The lumen maintenance factor	96
Lifetime L70B50	50 000 h
L80B* – difference B10–B50 ≈ 1% (according to LightingEurope) – negligible	35000 h
Survival factor	0.9
Dimmable function	PWM
Colour consistency in McAdam ellipses	≤3

| Parameter	Value
Wire length	200 mm
Luminous flux (1m)	500
Current (1m)	0,75
Beam angle	180
LED type	COB
LED quantity	4200
Compatible dimmer type	PWM
Laminate (colour)	White
Laminate (thickness)	2
LED quantity (1m)	840
Type of adhesive tape	3M 300 LSE
Ambient temperature suitable for operation	-30÷45
For indoor use	Inside
Length	5000
Width	12
Weight	0,145 kg

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Technical drawing
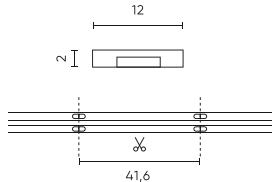
Light distribution

C0 - C180   C90 - C270   [cd/klm]
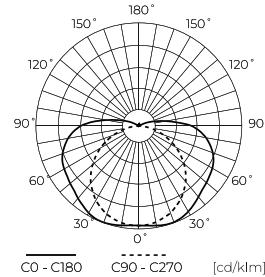
Additional product photos

Logistics data
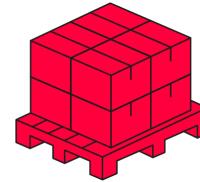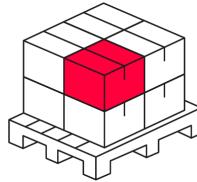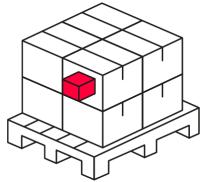
Single packaging

Quantity	5 m
Width	180 mm
Height	210 mm
Length	20 mm
Weight	0,188 kg
Comments	

Bulk packaging

Quantity	40
Width	340 mm
Height	280 mm
Length	440 mm
Volume	0,08 m3
Weight	7,54 kg
Comments	

Europallet

Quantity	2400
Height	1,90 m
Quantity in layer	6
Number of layers	10
Bulk quantity	60
Weight	206 kg

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Example application