

Code: 243400

EAN: 5901583243400

OPTO Module 1x SMD2835 12V 6500K 1W



The OPTO 1x SMD2835 LED line module is an innovative light source with a power of 1 W, powered by a voltage of 12 V DC. It features a bright luminous flux of 95 lm and a light color of 6500 K, which guarantees excellent color reproduction at a level of Ra 80. The product is distinguished by high durability, reaching up to 70,000 hours of operation. Thanks to the phase shift coefficient Df and the absence of flicker, it ensures user comfort.



Technical data

Parameter	Value
Energy efficiency class 2019/2015	F
Power	• 1 W
Voltage	• 12 V DC
Correlated colour temperature	• 6500 K
Colour of the light	White
Colour rendering index Ra	80
Luminous efficacy	95
Luminous flux	95
The lumen maintenance factor	96
Lifetime L70B50	70 000 h
L80B* – difference B10–B50 ≈ 1% (according to LightingEurope) – negligible	50000 h
L90B* – difference B10–B50 ≈ 1% (according to LightingEurope) – negligible	35000 h

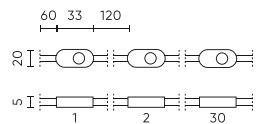
Parameter	Value
Dimmable function	PWM
Colour consistency in McAdam ellipses	≤6
Beam angle	170
LED type	SMD2835
LED quantity	1
Compatible dimmer type	PWM
Lifespan	70 000 h
Number of on/off cycles	50000
Lamp's warm-up time to 60%	1
Ambient temperature suitable for operation	-40÷55
Length	36
Height	10

Code: 243400

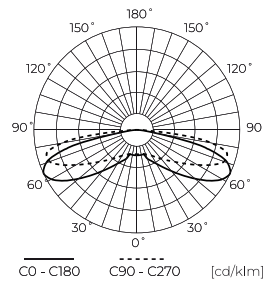
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Technical drawing

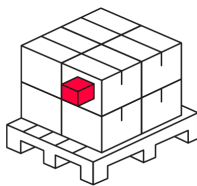


Light distribution



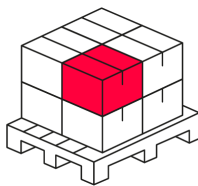
Additional product photos

Logistics data



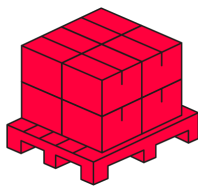
Single packaging

Quantity	180
Width	36 mm
Height	10 mm
Length	21 mm
Weight	0,01 kg
Comments	520



Bulk packaging

Quantity	1800
Width	400 mm
Height	260 mm
Length	520 mm
Volume	0,054 m3
Weight	17,29 kg
Comments	6



Europallet

Quantity	240
Height	1820 mm
Quantity in layer	7200
Number of layers	7
Bulk quantity	
Weight	410,4 kg

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Example application