

LED line PRIME

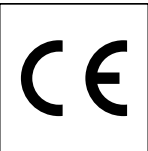
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EAN: 5901583243424

OPTO Module 3x SMD2835 12V 6500K 2.5W



OPTO Module 3x SMD2835 12V 6500K 2.5W by **LED line PRIME** is an innovative solution in the field of lighting. The high luminous efficacy of 95 lumens per watt and a total luminous flux of 237 lm ensure excellent brightness. Thanks to the use of SMD2835 diodes from the manufacturer **OSRAM**, the module features a long lifespan of up to 70 thousand hours and no flicker effect.



Technical data

Parameter	Value
Energy efficiency class 2019/2015	F
Warranty	5/7*
Power	• 2.5 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	237
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
Survival factor	0.9

Parameter	Value
Dimmable function	PWM
Colour consistency in McAdam ellipses	≤6
Beam angle	170
LED type	SMD2835
LED quantity	3
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	85 mm
Width	20 mm
Height	10 mm
Weight	0,021 kg

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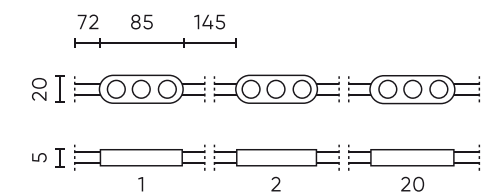
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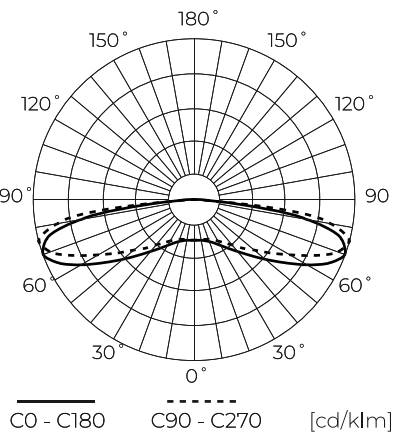
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2.5W

Technical drawing

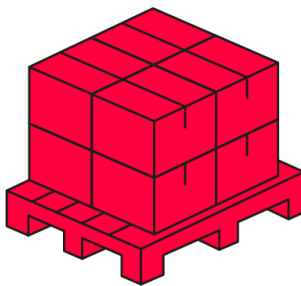
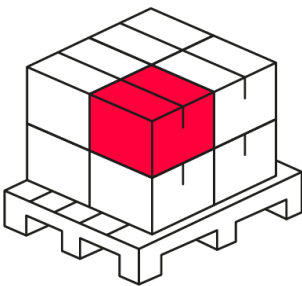
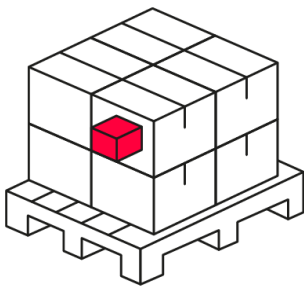


Light distribution



Additional product photos

Logistics data



Single packaging

Quantity	120
Width	85 mm
Height	5 mm
Length	20 mm
Weight	0,022 kg
Comments	

Bulk packaging

Quantity	960
Width	400 mm
Height	260 mm
Length	520 mm
Volume	1,297 m3
Weight	22,3 kg
Comments	

Europallet

Quantity	23040
Height	1,6 m
Quantity in layer	3840
Number of layers	6
Bulk quantity	24
Weight	415 kg

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Example application