LED line PRIME   Code: 241758   EAN: 5901583241758

LED strip 300/5m SMD 24V 3000K 4,8W IP20 8mm 30m 480lm/m PRIME

LED strip 300 SMD 24V 3000K 4.8W 30m from LED line PRIME is an innovative light source that ensures high performance and long-lasting. It offers a warm white colour with a temperature of 3000K, which affects the pleasant atmosphere in the rooms. The use of SMD3528 diodes and PWM technology guarantees uniform lighting without flickering. 2 mm thick laminate and 3M adhesive ensure a durable installation. The tape is characterized by class III protection and class G energy efficiency.
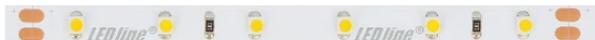
Technical data

Parameter	Value
Energy efficiency class 2019/2015	G
Warranty	5
Power	• 4.8 W / m
Voltage	• 24 V DC
Correlated colour temperature	• 3000 K
Colour of the light	White
Colour rendering index Ra	80
IP protection rating	IP20
IEC protection class	III
Cutting section	10 cm
Luminous efficacy	83
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

Parameter	Value
Colour consistency in McAdam ellipses	≤3
Luminous flux (1m)	400
Current (1m)	0,2
Beam angle	120
LED type	SMD3528
Compatible dimmer type	PWM
Laminate (colour)	White
Laminate (thickness)	2
LED quantity (1m)	60
Type of adhesive tape	3M 300 LSE
Lifespan	100 000 h
Number of on/off cycles	50000
Lamp's warm-up time to 60%	1
Ambient temperature suitable for operation	-20÷45
For indoor use	Inside
Height	2,5

LED line

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Technical drawing
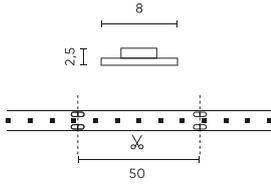
Light distribution

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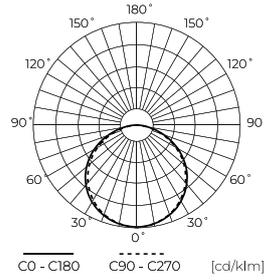
Additional product photos

Logistics data
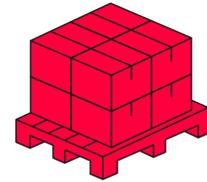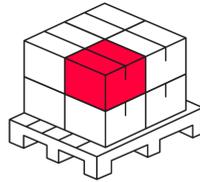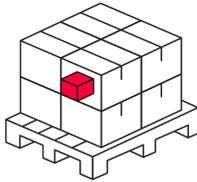
Single packaging

Quantity	1
Width	380 mm
Height	130 mm
Length	400 mm
Weight	0,495 kg
Comments	

Bulk packaging

Quantity	20
Width	350 mm
Height	290 mm
Length	450 mm
Volume	0,045 m3
Weight	11 kg
Comments	

Europallet

Quantity	14400 m
Height	1740 mm
Quantity in layer	80 szt.
Number of layers	6
Bulk quantity	480 szt.
Weight	223,0

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Example application