

LED line PRIME

Code: 246982

EAN: 5901583246982

**LED strip 300/5m SMD 12V 11000K 18W
IP20 SAMSUNG 10mm 5m 1800lm/m
PRIME**



LED line 300 SMD 12V 11000K 18W SAMSUNG is an innovative light source from the renowned LED line PRIME brand. It is characterized by impressive light output, reaching up to 100 lm/W, and an optimal light distribution angle of 120°. Coupled with high colour temperature 11000K offers bright, white light. The product made on the basis of SAMSUNG LEDs ensures reliability and durability, and the intended durability is up to 100000 hours.



Technical data

Parameter	Value
Energy efficiency class 2019/2015	F
Warranty	5
Power	• 18 W / m
Voltage	• 12 V DC
Correlated colour temperature	• 11000 K
Colour of the light	White
Colour rendering index Ra	80
IP protection rating	IP20
IEC protection class	III
Cutting section	5 cm
Luminous efficacy	100
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 (lm)	1800
Current (Im)	1,5
Beam angle	120
LED type	SMD5630
Compatible dimmer type	PWM
Laminate (colour)	White
Laminate (thickness)	3
LED quantity (lm)	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

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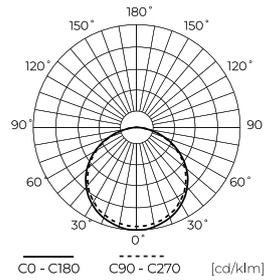
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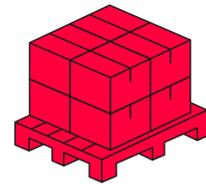
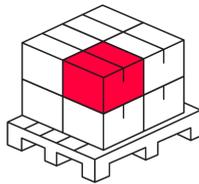
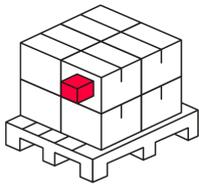
Technical drawing

Light distribution



Additional product photos

Logistics data



Single packaging

Quantity	5 m
Width	153 mm
Height	15 mm
Length	153 mm
Weight	0,15 kg

Bulk packaging

Quantity	40
Width	320 mm
Height	180 mm
Length	360 mm
Volume	0,020 m ³
Weight	5,58 kg
Comments	

Europallet

Quantity	12000 m
Height	1800 mm
Quantity in layer	240
Number of layers	10
Bulk quantity	2400
Weight	406 kg

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Example application