LED line PRIME
Code: 247750
EAN: 5901583247750

LED strip 300/5m SMD 24V 4000K 18W IP20 SAMSUNG 10mm 5m 1800lm/m PRIME

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LED line 300 SMD 24V 4000K 18W SAMSUNG is an advanced lighting solution that provides excellent energy quality and efficiency. Thanks to the use of SAMSUNG diodes and 3.0 mm laminate material, it is distinguished by exceptional durability and stability. High light efficiency of as much as 100 lm/W guarantees brightness while maintaining low energy consumption.

CE

Technical data

Parameter	Value
Energy efficiency class 2019/2015	F
Warranty	5
Power	• 18 W / m
Voltage	• 24 V DC
Correlated colour temperature	• 4000 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	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

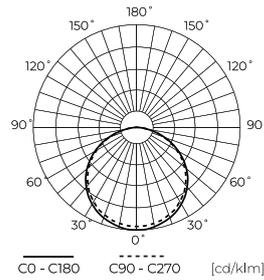| Parameter	Value
Colour consistency in McAdam ellipses	≤3
Luminous flux (1m)	1800
Current (1m)	0,75
Beam angle	120
LED type	SMD5630
Compatible dimmer type	PWM
Laminate (colour)	White
Laminate (thickness)	3
LED quantity (1m)	60
Type of adhesive tape	3M 300 LSE
Lifespan	100 000 h
Number of on/off cycles	50000
Lamp's warm-up time to 60%	1
Ambient temperature suitable for operation	-20÷45
For indoor use	Inside
Height	2,5

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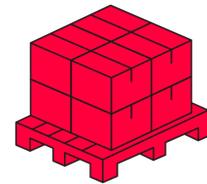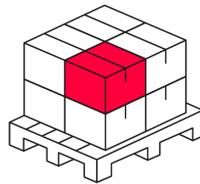
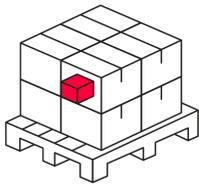### Technical drawing

Light distribution

C0 - C180   C90 - C270   [cd/klm]

Additional product photos

Logistics data

Single packaging

Quantity	5 m
Weight	0,152 kg

Bulk packaging

Quantity	100
Width	320 mm
Height	180 mm
Length	360 mm
Weight	6,08 kg
Comments	

Europallet

Quantity	2400
Height	1800 mm
Quantity in layer	6
Number of layers	10
Bulk quantity	60
Weight	300 kg

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Example application