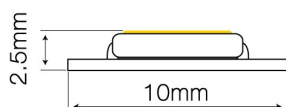


## LED line® strip 300 SMD 12V 6500K 18W SAMSUNG



**LED Strip line** is a modern and versatile linear **light source**, used for interior lighting, furniture, lightboxes, illuminated signs, and public spaces.



The colour temperature range of the product falls within 3 steps of MacAdam formula, which ensures high consistency of the produced light.



The use of chosen components for the production of this item ensures extended life span of the product.

LED provided by  
SAMSUNG

This product has been contrued with the use of high quality SAMSUNG branded LEDs.



Voltage range and voltage type



Ambient temperature suitable for operation



Lifespan



100 lm/W



Reliable photometric files are available based on photometric tests performed at the LED line® Light Research and Measurement Centre.



Product with decreased voltage drop which allows an extended section (length) of LED strip to be connected to a single LED driver without a gradual decrease in light intensity.

Manufacturer issues a 5-year warranty for this product.



Beam angle



LED type



LED quantity (1m)



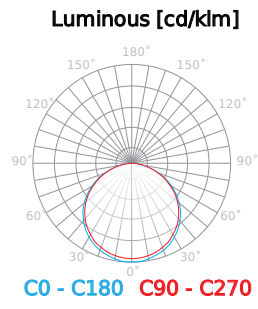
Dimmable

Parameter	Value
Luminous efficacy	100 lm/W
Colour of the light	White
Energy efficiency class 2019/2015	F
Correlated colour temperature	6500 K
Colour consistency in MacAdam ellipses	≤3
IP protection rating	20
Warranty (years)	5
Dimmable function	Yes
Survival factor	0.9
Minimum purchase quantity	5
Lifetime L70B50	50 000
Wattage (1m)	18 W
Luminous flux (1m)	1650lm
Current (1m)	1,5
Supply voltage range and voltage type	12 DC
Colour rendering index Ra	80

Parameter	Value
Number of on/off cycles	50000
Colour consistency in MacAdam ellipses	≤3
Ambient temperature suitable for operation	-20 ÷ 45 °C
For indoor use	Inside
IEC protection class	III
Full box quantity	75 pc
Lamp's warm-up time to 60%	1
Width	10 mm
Height	2,5 mm
Product weight with packaging (g)	140 g
Master carton weight (kg)	10,5
EPREL ID	632 002
Date of first placement on the market	01.06.2019
Energy class	A+
Form of the product (EPREL)	Dotyczy 50cm taśmy

Metres per roll	5
The lumen maintenance factor	96
Beam angle	120 °
LED type	SMD5630
Not dimmable	TAK
Compatible dimmer type	PWM
Laminate (colour)	White
Laminate (thickness)	3
LED quantity (1m)	60
Cutting section	5
Type of adhesive tape	3M 300 LSE
Lifespan	100000

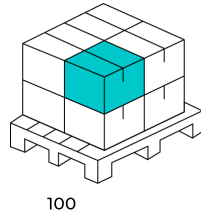
Angle for useful luminous flux (EPREL)	Sphere 360 degrees
Is the product equipped with an integrated light source? (EPREL)	No
Non-directional or directional light source (EPREL)	NDLS
Is this product a light source? (EPREL)	Yes
Mains or non- mains light source (EPREL)	NMLS
Connected light source (EPREL)	No
Colour-tuneable light source (EPREL)	No
R9 colour rendering index value (EPREL)	9
Total luminous flux (EPREL)	900
On-mode power $P_{on}$ (EPREL)	9
Useful luminous flux $\Phi_{use}$ (EPREL)	900
Beam angle in degrees (EPREL)	120



Single packaging



Bulk packaging



Europallet

