LED line

LED line® strip 300 SMD 24V 4000K 4,8W 30m

Product description

The colour temperature range of the product falls within 3 steps of MacAdam formula, which ensures high consistency of the produced light. Reliable photometric files are available based on photometric tests performed at the LED line® Light Research and Measurement Centre.

2.5mm

8mm

3-step MacAdam	The colour temperature range of the product falls within 3 steps of MacAdam formula, which ensures high consistency of the produced light.
83 lm / W	
50000 h L70B50	Lifespan
30	
SMD3528	LED type
PCB 2 oz	Laminate (thickness)
10 cm	Cutting section
ON OFF 50000	Number of on/off cycles
III	IEC protection class
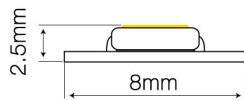
5-year warranty	Manufacturer issues a 5-year warranty for this product.
*.IES	Reliable photometric files are available based on photometric tests performed at the LED line® Light Research and Measurement Centre.
IP20	IP protection rating
voltage 24 DC	Voltage range and voltage type
120 °	Beam angle
PWM	Compatible dimmer type
60 / 1m	LED quantity (1m)
3M® 3M 300 LSE	Type of adhesive tape
MAX -20 ÷ 45	Ambient temperature suitable for operation

Name of the parameter	Value
Colour of the light	White
Correlated colour temperature	4000 K
Luminous efficacy	83 lm/W
Energy efficiency class 2019/2015	G
Colour consistency in McAdam ellipses	≤3
IP protection rating	20
Warranty (years)	5
Dimmable function	Yes
Survival factor	0.9
Minimum purchase quantity	30
Lifetime L70B50	50000
Wattage (1m)	4,8 W
Luminous flux (1m)	400lm
Current (1m)	0,2
Supply voltage range and voltage type	24 DC
Colour rendering index Ra	80

Name of the parameter	Value
Metres per roll	30
The lumen maintenance factor	96
Beam angle	120 °
LED type	SMD3528
Not dimmable	TAK
Compatible dimmer type	PWM
Laminate (colour)	White
Laminate (thickness)	2
LED quantity (1m)	60
Cutting section	10
Type of adhesive tape	3M 300 LSE
Lifespan	100000
Number of on/off cycles	50000
Colour consistency in McAdam ellipses	≤3
Ambient temperature suitable for operation	`-20 ÷ 45 °C
For indoor use	YES
IEC protection class	III
Full box quantity	15 pc
Lamp's warm-up time to 60%	1
Width	8 mm
Height	2,5 mm
Product weight with packaging (g)	>0,7 g
Master carton weight (kg)	8,7
EPREL ID	632028
Date of first placement on the market	01.04.2016
Energy class	A+
Form of the product (EPREL)	Dotyczy 50cm taśmy
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
Chromaticity coordinates x i y (EPREL)	0.38|0.377
Connected light source (EPREL)	No
Colour-tuneable light source (EPREL)	No
R9 colour rendering index value (EPREL)	18
Total luminous flux (EPREL)	200
On-mode power Pon (EPREL)	2
Useful luminous flux Φuse (EPREL)	200
Beam angle in degrees (EPREL)	120
Product code	241765

Luminous [cd/klm]
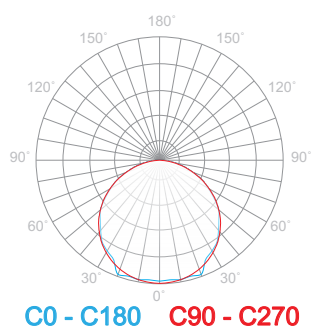
C0 - C180   C90 - C270

Cumulative packaging

Number of pieces	**1**
Width [mm]	**340**
Height [mm]	**280**
Length [mm]	**440**
Weight [kg]	**0,57**
Volume [m3]	**0,042**

Europallet

Number of pieces	**600**
Bulk quantity	**30**
Weight [kg]	**303**
Weight [kg]	**303**
Pallet height [mm]	**1800**
Quantity in 1 layer	**5**
Number of layers	**6**