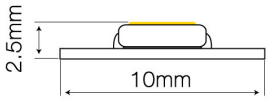
Product code: 246333 EAN: 5901583246333

LED line® strip 1500 SMD 12V 6500K 21W SPOTLESS



Product description

It is a solution for the needs of most demanding customers.
By significantly increasing the number and density of LEDs placed on the LED line® SPOTLESS strip, a continous line of light has been achieved, which in combination with the aluminum profile allows to create the ideal single luminaire without any visible dots of light. Manufacturer issues a 5-year warranty for this product. The colour temperature range of the product falls within 3 steps of MacAdam formula, which ensures high consistency of the produced light. High Colour Rendering Index ensures that the colour of illuminated objects/surface is truely revealed. The use of chosen components for the production of this item ensures extended life span of the product. Reliable photometric files are available based on photometric tests performed at the LED line® Light Research and Measurement Centre.

HIGH CRI — High Colour Rendering Index ensures that the colour of illuminated objects/surface is truely revealed.

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.

71 lm/W

50000 h L70B50 — Lifespan

5

SMD2216 — LED type

PCB 2 oz — Laminate (thickness)

1 cm — Cutting section

ON OFF 50000 — Number of on/off cycles

III — IEC protection class

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.

SPOTLESS — By significantly increasing the number and density of LEDs placed on the LED line® SPOTLESS strip, a continous line of light has been achieved, which in combination with the aluminum profile allows to create the ideal single luminaire without any visible dots of light.

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

IP20 — IP protection rating

voltage 12 DC — Voltage range and voltage type

120 ° — Beam angle

PWM — Compatible dimmer type

300 1m — LED quantity (1m)

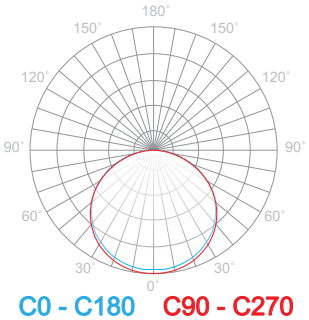
3M 3M 300 LSE — Type of adhesive tape

MAX -20 ÷ 45 — Ambient temperature suitable for operation

Name of the parameter	Value
Colour of the light	White
Correlated colour temperature	6500 K
Luminous efficacy	71 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	5
Lifetime L70B50	50000
Wattage (1m)	21 W
Luminous flux (1m)	1700lm
Current (1m)	2
Supply voltage range and voltage type	12 DC
Colour rendering index Ra	90

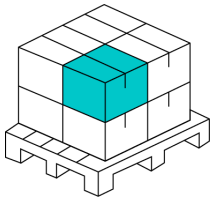
Name of the parameter	Value
CRI colour rendering index	90
Metres per roll	5
The lumen maintenance factor	96
Beam angle	120 °
LED type	SMD2216
Not dimmable	TAK
Compatible dimmer type	PWM
Laminate (colour)	White
Laminate (thickness)	2
LED quantity (1m)	300
Cutting section	1
Type of adhesive tape	3M 300 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	75 pc
Lamp's warm-up time to 60%	1
Width	10 mm
Height	2,5 mm
Product weight with packaging (g)	>0,7 g
Master carton weight (kg)	8,48
EPREL ID	632042
Date of first placement on the market	01.08.2019
Energy class	A
Form of the product (EPREL)	Dotyczy 10cm 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)	0.314|0.324
Connected light source (EPREL)	No
Colour-tuneable light source (EPREL)	No
R9 colour rendering index value (EPREL)	72
Total luminous flux (EPREL)	170
On-mode power Pon (EPREL)	2
Useful luminous flux Φuse (EPREL)	170
Beam angle in degrees (EPREL)	120
Product code	246333

Luminous [cd/klm]



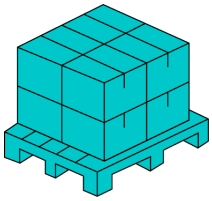
C0 - C180 C90 - C270

Cumulative packaging



Number of pieces	**100**

Europallet



Number of pieces	**2400**
Bulk quantity	**60**
Weight [kg]	**300**
Weight [kg]	**300**
Pallet height [mm]	**1800**
Quantity in 1 layer	**6**
Number of layers	**10**