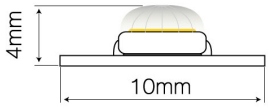
Product code: 244056 EAN: 5901583244056

LED line® strip 70 SMD 12V 6500K 18W WIDE BEAM 160°



Product description

It is a solution for the needs of most demanding customers.
Using LED line® WIDEBEAM strip, featured by a wide beam angle of 160°, the user will achieve even and consistant illumination with only 6 cm distance between LED and illuminated surface. 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. Reliable photometric files are available based on photometric tests performed at the LED line® Light Research and Measurement Centre.

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.

5-year warranty — Manufacturer issues a 5-year warranty for this product.

12600lx 160° 60mm — Using LED line® WIDEBEAM strip, featured by a wide beam angle of 160°, the user will achieve even and consistant illumination with only 6 cm distance between LED and illuminated surface.

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

70 lm/W

IP20 — IP protection rating

50000 h L70B50 — Lifespan

voltage 12 DC — Voltage range and voltage type

5

160° — Beam angle

SMD6060 — LED type

PWM — Compatible dimmer type

PCB 2 oz — Laminate (thickness)

14/1m — LED quantity (1m)

7 cm — Cutting section

3M 3M 300 LSE — Type of adhesive tape

ON OFF 50000 — Number of on/off cycles

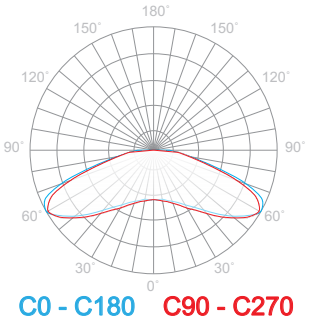
MAX -20 ÷ 45 — Ambient temperature suitable for operation

III — IEC protection class

Name of the parameter	Value
Colour of the light	White
Correlated colour temperature	6500 K
Luminous efficacy	70 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)	18 W
Luminous flux (1m)	1260lm
Current (1m)	1,5
Supply voltage range and voltage type	12 DC
Colour rendering index Ra	80

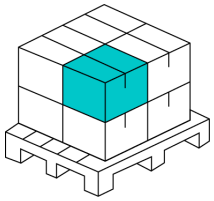
Name of the parameter	Value
Metres per roll	5
The lumen maintenance factor	96
Beam angle	160 °
LED type	SMD6060
Not dimmable	TAK
Compatible dimmer type	PWM
Laminate (colour)	White
Laminate (thickness)	2
LED quantity (1m)	14
Cutting section	7
Type of adhesive tape	3M 300 LSE
Lifespan	100000
Number of 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	4 mm
Product weight with packaging (g)	>0,7 g
Master carton weight (kg)	8,93
EPREL ID	632036
Date of first placement on the market	01.05.2017
Energy class	A
Form of the product (EPREL)	Dotyczy 7cm 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)	6
Total luminous flux (EPREL)	88
On-mode power Pon (EPREL)	1
Useful luminous flux Φuse (EPREL)	88
Beam angle in degrees (EPREL)	160
Product code	244056

Luminous [cd/klm]



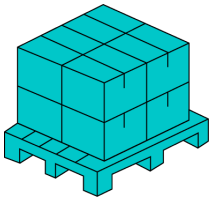
C0 - C180 C90 - C270

Cumulative packaging



Number of pieces	**100**

Europallet



Number of pieces	**960**
Bulk quantity	**24**
Quantity in 1 layer	**8**
Number of layers	**3**