LED line

LED line® strip 300 SMD 12V 4000K 4,8W IP65
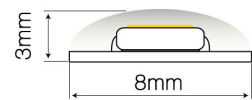
Product description

Yellow free technology means that the housing of this product is made of high quality material which is resistant to yellowing degeneration caused by UV radiation, thanks to which the product maintains its easthetic appearance for many years. This product is featured by a high degree of IP protection, which makes it suitable for a broader range of lighting applications and offers high safety of use. 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. Manufacturer issues a 3-year warranty for this product.

3mm
8mm

3-year warranty	Manufacturer issues a 3-year warranty for this product.
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.
💧	This product is featured by a high degree of IP protection, which makes it suitable for a broader range of lighting applications and offers high safety of use.
83 **lm** / **W**	
voltage 12 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

YELLOW FREE™	Yellow free technology means that the housing of this product is made of high quality material which is resistant to yellowing degeneration caused by UV radiation, thanks to which the product maintains its easthetic appearance for many years.
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50000 **h** L70B50	Lifespan
⊕ 5	
SMD3528	LED type
PCB 2 **oz**	Laminate (thickness)
✂ 5 cm	Cutting section
ON OFF 50000	Number of on/off cycles
III	IEC protection class

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	≤6
Warranty (years)	3
Dimmable function	Yes
Survival factor	0.9
Minimum purchase quantity	5
Lifetime L70B50	50000
Wattage (1m)	4,8 W
Luminous flux (1m)	400lm
Current (1m)	0,4
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	120 °
LED type	SMD3528
Not dimmable	TAK
Compatible dimmer type	PWM
Laminate (colour)	White
Laminate (thickness)	2
LED quantity (1m)	60
Cutting section	5
Type of adhesive tape	3M 300 LSE
Lifespan	100000
Number of on/off cycles	50000
Colour consistency in McAdam ellipses	≤6
Ambient temperature suitable for operation	`-20 ÷ 45 °C
For indoor use	YES
IEC protection class	III
LED strip (upper) IP protection rating	65
LED strip (bottom) IP protection rating	20
Full box quantity	75 pc
Lamp's warm-up time to 60%	1
Width	8 mm
Height	3 mm
Product weight with packaging (g)	>0,7 g
Master carton weight (kg)	14,4
EPREL ID	631996
Date of first placement on the market	01.06.2019
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)	17
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	245619

Luminous [cd/klm]

C0 - C180   C90 - C270
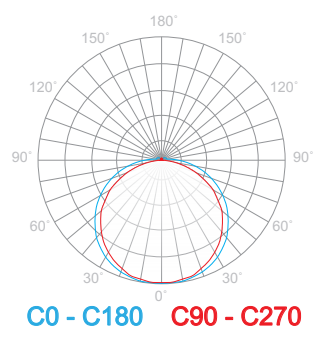
Cumulative packaging
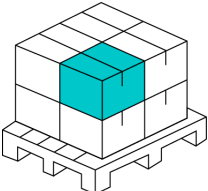
Number of pieces	**100**
Width [mm]	**340**
Height [mm]	**280**
Length [mm]	**440**
Weight [kg]	**0,18**
Volume [m3]	**0,042**

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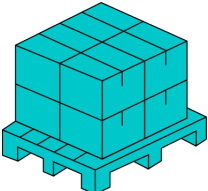
Number of pieces	**2400**
Bulk quantity	**60**
Weight [kg]	**300**
Weight [kg]	**300**
Pallet height [mm]	**1800**
Quantity in 1 layer	**6**
Number of layers	**10**