# LED line

Product code: 249426   EAN: 5901583249426

LED line® strip 300 SMD 12V 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.
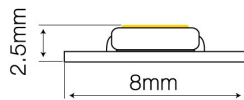
5-year warranty
Manufacturer issues a 5-year warranty for this product.

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

83 lm/W

IP20
IP protection rating

50000 h / L70B50
Lifespan

voltage 12 DC
Voltage range and voltage type

30

120 °
Beam angle

SMD3528
LED type

PWM
Compatible dimmer type

PCB 2 oz
Laminate (thickness)

60 / 1m
LED quantity (1m)

5 cm
Cutting section

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	Name of the parameter	Value
Colour of the light	White	Metres per roll	30
Correlated colour temperature	4000 K	The lumen maintenance factor	96
Luminous efficacy	83 lm/W	Beam angle	120 °
Energy efficiency class 2019/2015	G	LED type	SMD3528
Colour consistency in McAdam ellipses	≤3	Not dimmable	TAK
IP protection rating	20	Compatible dimmer type	PWM
Warranty (years)	5	Laminate (colour)	White
Dimmable function	Yes	Laminate (thickness)	2
Survival factor	0.9	LED quantity (1m)	60
Minimum purchase quantity	30	Cutting section	5
Lifetime L70B50	50000	Type of adhesive tape	3M 300 LSE
Wattage (1m)	4,8 W	Lifespan	100000
Luminous flux (1m)	400lm	Number of on/off cycles	50000
Current (1m)	0,4	Colour consistency in McAdam ellipses	≤3
Supply voltage range and voltage type	12 DC	Ambient temperature suitable for operation	`-20 ÷ 45 °C
Colour rendering index Ra	80	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	632024
		Date of first placement on the market	01.02.2020
		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)	10
		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	249426

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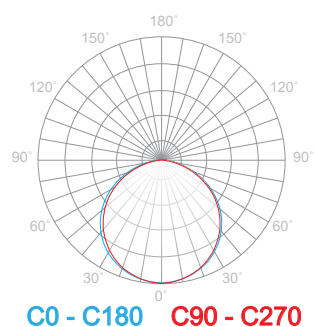
C0 - C180   **C90 - C270**

Cumulative packaging
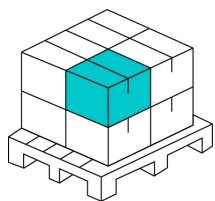
Number of pieces	**1**
Width [mm]	**340**
Height [mm]	**280**
Length [mm]	**440**
Weight [kg]	**0,56**
Volume [m3]	**0,042**

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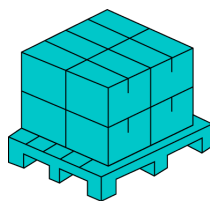
Number of pieces	**600**
Bulk quantity	**30**
Weight [kg]	**303**
Weight [kg]	**303**
Pallet height [mm]	**1800**
Quantity in 1 layer	**5**
Number of layers	**6**