LED line

LED line® strip 300 SMD 12V 2700K RGBW 19,2W

Product description

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

2.5mm
12mm
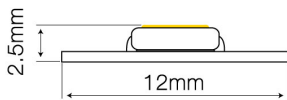
5-year warranty
Manufacturer issues a 5-year warranty for this product.

RGBW
In addition to the traditional RGB colour palette, an additional "W" chip has been added which allows to obtain an additional natural white colour light.

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21 lm / W

IP20
IP protection rating

50000 h / L70B50
Lifespan

voltage 12 DC
Voltage range and voltage type

5

120 °
Beam angle

SMD5050
LED type

PWM
Compatible dimmer type

PCB 3 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
Klasyfikacja GPC	10003056
Status	Aktywny (w sprzedaży)
Zawartość netto produktu	1
Jednostka gs1	m
Colour of the light	White
Correlated colour temperature	2700 K
Luminous efficacy	21 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)	19,2 W
Wavelength	620, 520, 465nm
Luminous flux (1m)	400lm
Current (1m)	1,6
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	SMD5050
Not dimmable	TAK
Compatible dimmer type	PWM
Laminate (colour)	White
Laminate (thickness)	3
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	≤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	12 mm
Height	3 mm
Product weight with packaging (g)	>0,7 g
Master carton weight (kg)	13,5
EPREL ID	631998
Date of first placement on the market	01.10.2019
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)	0.46|0.411
Connected light source (EPREL)	No
Colour-tuneable light source (EPREL)	Yes
R9 colour rendering index value (EPREL)	5
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	247071

LED line

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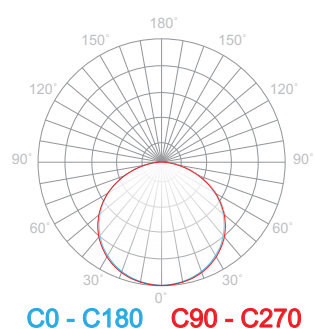
C0 - C180   C90 - C270

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**