LED line

LED line® strip 300 SMD 12V 4000K RGBW 19,2W

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

12mm

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.
***.IES**	Reliable photometric files are available based on photometric tests performed at the LED line® Light Research and Measurement Centre.
IP20	IP protection rating
voltage 12V	Voltage range and voltage type
120 °	Beam angle
300	LED quantity
PCB 3 oz	Laminate (thickness)
5 cm	Cutting section
MAX -20 ÷ 45	Ambient temperature suitable for operation
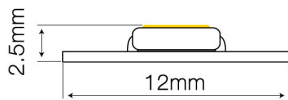
5-year warranty	Manufacturer issues a 5-year warranty for this product.
RGBW	In addition to the traditional RGB colour palette, an additional "W" chip has been added which allows to obtain an additional natural white colour light.
30000 h L70B50	Lifespan
5	
SMD 5050	LED type
PWM	Compatible dimmer type
60 1m	LED quantity (1m)
3M® 3M 300 LSE	Type of adhesive tape

Name of the parameter	Value
Klasyfikacja GPC	10003056
Jednostka gs1	m
Status	Aktywny (w sprzedaży)
Zawartość netto produktu	1
Colour of the light	RGBW MULTICOLOR&WHITE
Correlated colour temperature	4000 K
Energy efficiency class 2019/2015	G
Wavelength GREEN (RGB and colour only, tolerance 5%)	520 nm
Colour consistency in McAdam ellipses	≤3
IP protection rating	20
Warranty (years)	5
Led size	50*50
Dimmable function	Yes
Survival factor	0.9
PCB layers	3 layers
Minimum purchase quantity	5
Lifetime L70B50	30000
Wire colours	white/blue/red/green/black
Wiring types	5-wire
Wavelength BLUE (RGB and colour only, tolerance 5%)	465 nm
Wavelength RED (RGB and colour only, tolerance 5%)	620 nm
Wattage (1m)	19,2 W
Luminous flux (1m)	400
Current (1m)	1,6
Supply voltage range and voltage type	12V
Colour rendering index Ra	80

| Name of the parameter	Value
Metres per roll	5
The lumen maintenance factor	96
Beam angle	120 °
LED type	SMD 5050
LED quantity	300
Compatible dimmer type	PWM
Laminate (colour)	White
Laminate (thickness)	3
LED quantity (1m)	60
Cutting section	5
Type of adhesive tape	3M 300 LSE
Colour consistency in McAdam ellipses	≤3
Ambient temperature suitable for operation	`-20 ÷ 45 °C
Length	5000 mm
Width	12 mm
Height	2,5 mm
EPREL ID	866319
Date of first placement on the market	12.11.2021
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)	Yes
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	477309

Luminous [cd/klm]

C0 - C180   C90 - C270
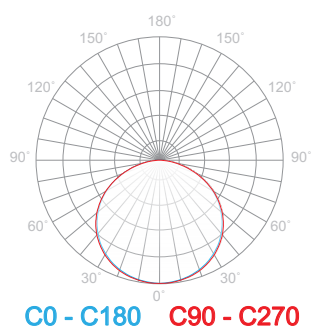
Cumulative packaging
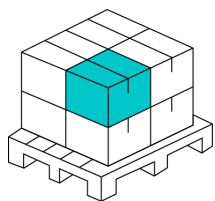
Number of pieces	**100**

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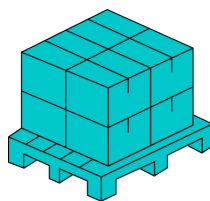
Number of pieces	**2400**
Bulk quantity	**60**
Weight [kg]	**300**
Weight [kg]	**300**
Pallet height [mm]	**1800**
Quantity in 1 layer	**6**
Number of layers	**10**