# LED line

Product code: 477316   EAN: 5907777477316

LED line® strip 300 SMD 24V 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.

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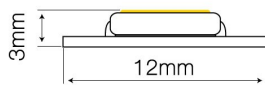
5-year warranty — Manufacturer issues a 5-year warranty for this product.

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

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.

IP20 — IP protection rating

50000 h L70B50 — Lifespan

voltage 24 — Voltage range and voltage type

5 —

120 ° — Beam angle

SMD 5050 — LED type

300 LED — LED quantity

PWM — Compatible dimmer type

PCB 3 oz — Laminate (thickness)

60 1m — LED quantity (1m)

10 cm — Cutting section

3M 300 LSE — Type of adhesive tape

MAX -20 ÷ 45 — Ambient temperature suitable for operation

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	50000
Wire length	200 mm
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)	0,8
Supply voltage range and voltage type	24
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	10
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	866321
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
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	477316

Luminous [cd/klm]

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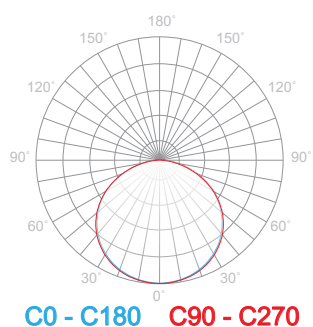
Cumulative packaging
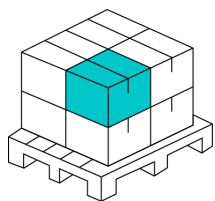
Number of pieces   **100**

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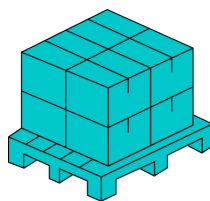
Number of pieces	**2400**
Bulk quantity	**60**
Weight [kg]	**300**
Weight [kg]	**300**
Pallet height [mm]	**1800**
Quantity in 1 layer	**6**
Number of layers	**10**