

Link to the product: <https://stair-lighting.com/colored-led-strips-rgbw-warm-white-one-chip-p-1648.html>

Colored LED strips - RGBW - warm white - one chip

Price	43.72 Euro
Availability	Available
Shipping time	3 days
Number	1648
Manufacturer	RESTAN

Product description

High-quality colored LED strips from our offer are a great choice. We offer a white tape, which will perfectly fit into any interior and will completely change its appearance. If you want to refresh your apartment, reaching for our products can give excellent results and will allow you to brighten the interior without spending large amounts of money. The proposed strip from RESTAN is 5 meters long and is equipped with 300 LEDs. Thanks to the possibility of mounting on self-adhesive tape, the skirting board can be placed on walls, on furniture, behind mirrors and in many other places.

RGBW LED strips 12V 5050 - Construction of the LED strip is based on a three-chip SMD LEDs. On this tape you will find LED besides the traditional RGB LEDs SMD LEDs 5050 in color hot or cold (depending on the model of LED strip). Through the use of alternating RGB LEDs and LED (MONO), we can get besides a full range of colorful hues as white in color with warm or cold. To suitably adjust the **RGBW LED strips** also require appropriate controller. RGBW LED strip is mainly used for decorative purposes.

RGBW LED strip can be used in the system **FIBARO** to cooperate with the controller RGBW.

Decorative lighting and eco-friendly solution for durability estimated at 35 thousand., Hours of light is nothing else but easy to assemble tape LED SMD 5050 variant warm white color temperature. In addition, the light may have any other color, in accordance with the characteristics that have RGB led strips.

The substrate for light emitting, which is the bar on which are placed the modules is made from a flexible copper laminate in white. It's a very universal solution and the color of the substrate supports LED lighting effect.

The entire 5-meter strip contains 300 LED 60 has a meter. Customers appreciate the advantages of this lighting solution, primarily due to easy installation, flexibility in arranging illumination (the possibility of cutting every 5 cm multicolor) and the small size of the object. In this case, resistance to damage. In terms of the quality of the light source can not be underestimated is the long service life, incomparably longer compared to conventional bulbs. Model tape, which we in this place can shine 35 thousand. hours. High energy efficiency. 14W and 1.2A per meter.

Warm white is a color variant more sun, tending towards yellows. It is friendlier to the eye, creates a so-called. atmosphere, but at the same it gives the impression of weaker than in the white cold and neutral. It is preferable to use it where the overriding role of lighting is to highlight the space, giving it clarity. Most often used in the interiors.

TECHNICAL DATA

Supply voltage - 12V DC

Light color: RGBW MULTICOLOR & WHITE

The luminous flux (5 meters): red 620 nm; green 520 nm; blue 460 nm (+/- 2%); warm white 2700-3300K

Number of LED (meter): 60

LED quantity (roll 5 meters) 300

Power consumption (meter): 14W

Power consumption (roll 5 meters): 72W

Power consumption (meter): 1.2A

Power consumption (roll 5 meters): 6A

LED type: SMD5050 (4xCHIP)

Beam angle: 120 °

Section cuts: 5cm

Backing: a flexible copper laminate PCB

Colour base: white

The dimensions (width x height) - 12 x 3 mm

Lifespan: 35 000 hours

Warm-up time to 60% of: 1 s

The number of cycles on / off: 50000

Świetlenego stream factor of 30 000 h light: 30%

Starting time: 1.1 seconds

Lamp Power Factor: ≥ 0.5

Cooperation with dimming: PWM dimmers only

