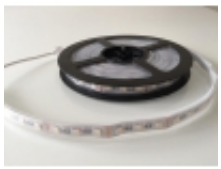
Data current as of: 28-03-2024 11:59

Link to the product: https://stair-lighting.com/color-led-strip-rgbw-cold-white-one-chip-ip65-p-1651.html



Color LED strip - RGBW - cold white - one chip - IP65

Price	**51.48 Euro**
Availability	**Available**
Shipping time	**3 days**
Number	**1651**
Manufacturer	**RESTAN**

Product description

A colorful LED strip is a great choice for people who are interested in decorating their apartment and using modern lighting systems that will be able to perfectly match the expectations. Strips equipped with LEDs in different colors are powered by 12V and can be used in many different applications. The products are able to meet the expectations of all customers and guarantee bright and high-quality lighting in many different spaces. Reaching for solutions from our offer can therefore give excellent results. We invite you to familiarize yourself with our products.

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.

RGBW LED strips are often chosen by customers because they correspond to many aspects important in the contemporary arrangement of space. It is environmentally friendly solution. It does not contain harmful substances, type of mercury. Besides rarely they throw them away - LED life is 35 thousand. hours while as many as 50 thousand. cycles on / off.

RGB models especially important is the fact that the LED itself, without additional filters can emit light with high saturation different colors. Thanks drivers multicolor variant can not only use well over ten million colors and shades. At the same time you can manage them in order to change smoothly or abruptly and were not fixed, as it was at the beginning of their placing on the market. The LED used in the proposed here 1s tape needs only to ignite the fullness of his power.

IP65 LED strip can be installed both indoors and outdoors. There is no requirement to somehow further protect it from the weather, although it is permissible exposure rather momentary tape and LEDs to high humidity or eg. Heavy rain. It is not allowed its immersion in water. Water damage silicon layer, which has a tape with a coefficient of IP65.

Cold shade of white is crisp and sharp, often with a blue glow. Is chosen wherever a need to highlight any element of the arrangement, eg. Fish pond. In contrast to the warm color temperature it is less relevant for personal use. Very well suited for use in industry, manufacturing plants, commercial lighting.

TECHNICAL DATA SUBJECT

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

