

LED strip IP65 RGBW 5 m + PSU and controller, Tuya Smart Wi-Fi

Marka: **ORNO Home** | Symbol: **OR-SH-17902** | Ean: **5908254844577**



PRODUCT DESCRIPTION

The LED RGBW strip is a modern and universal appliance enabling to create a unique atmosphere in every interior. It is equipped with advanced smart home technology thanks to which one may remotely control the lighting from any place in the world.

The set consists of the LED strip and intelligent colour Tuya Smart controller. Light control becomes extremely easy and comfortable. Simply install app on a smartphone, pair with the controller and manage the lighting in

any place. The app supports Android and iOS systems. Besides, the controller allows local control, without smartphone.

The strip has 600 LED diodes. Thanks to RGB+CW+WW diodes the strip may emit white and colour light. The dedicated diodes enable the user to choose an adequate lighting shade with the help of controller or Tuya Smart app. This not only provides pure white with colour temperature of your choice (from warm white to cold white) but also the freedom to choose colours. In this way, the LED strip is a perfect choice to create a desired atmosphere in a room.

The LED technology is known for being energy-saving and, on the other hand, efficient in terms of the amount of light generated. Thanks to nominal voltage of 220-240V DC the appliance is safe. A wide beam angle of 120° illuminates a great part of a room.

The high ingress protection rate of IP65 protects the strip from dust, moisture and gentle water splashing. It perfectly works in dry rooms, not exposed to moisture, such as kitchens, bathrooms or closets. The strip may be glued to the desired location, or one may use profiles for LED strips (recessed, surface-mounted, angled). As it is only 10 mm wide, it may be easily used in places where there is no traditional light, e.g. wardrobe niches.

The LED strip is 5 m long and may be cut every 10 cm in order to customize it to individual needs.

TECHNICAL DATA

General information:

Lamp voltage [V]:	220-240
Lamp type:	LED, niewymienne
Lamp power per meter [W]:	3
Lamp power per foot [W]:	12
Luminous flux per meter [lm]:	600
Model:	Taśma
Degree of protection [IP]:	IP65
Protection class:	II
Energy efficiency class of the built-in lamp:	G
Max. system power [W]:	12
Energy consumption in on-mode 1000 KWh [W]:	12

Rated life time L70/B50 at 25 °C [h]:	40000
Colour temperature [K]:	3000-6500
Colour of light:	RGB+WW+CW
Colour rendering index [CRI]:	80-82
Beam angle [°]:	120
Number of nodes per meter:	60
Suitable for dimmer:	Tak
Cut every ... [cm]:	10
Width [mm]:	10
Height/depth [mm]:	2
Length [mm]:	5000
Total length [mm]:	5000
Mounting method:	Inne
Voltage type:	DC
Type of control gear:	Sterownik LED sterowany napięciowo
Exchangeable control gear:	Tak
Colour of light adjustable:	Bezstopniowo
Length of particular segments [mm]:	100
Self-adhesive:	Tak
Compatible with Google Assistant:	Tak
Compatible with Amazon Alexa:	Tak
Compatible with TUYA:	Tak
Wi-Fi:	Tak
Wi-Fi Standard:	IEEE 802.11 b/g/n, 2.4GHz
Wi-Fi power [W]:	≤0,8W
Standby power [W]:	0.2
Non-directional or directional :	Bez kierunkowy
Mains or non-mains:	Główne
Connected light source [CLS]:	Tak

Colour-tuneable light source:	Tak
Chromaticity coordinate [x]:	0,3211 0,4628
Chromaticity coordinate [y]:	0,3356 0,4106
Peak luminous intensity [cd]:	260
Beam angle range [°]:	115-125
R9 Colour rendering index R9:	10
Survival factor:	1
Lumen maintenance factor:	0.95
Displacement factor:	0.57
Colour consistency in McAdam ellipses:	0.5
Flicker metric [W]:	0.8
Stroboscopic effect metric [W]:	0.6
Energy consumption in on-mode [KWh/1000h]:	12
Power/m [W/m]:	4.8
Total mains efficacy η_{TM} (lm/W):	50 lm/w



