

Code: ZL5

LED LIGHTING CONTROLLER ZigBee, **ZL5** Wi-Fi, 2.4 GHz, RGCCT (RGBWW) 12 ... 48 V DC MiBOXER / Mi-Light

The ZL5 lighting controller is designed to control the activation, brightness and color of five-channel RGB+CCT (RGBWW) LED strips. The controller can be controlled via Wi-Fi using the MiBoxer mobile application and using a wireless remote control operating in the 2.4 GHz band (available separately).

The LED ZigBee 3.0 controller has the ability to change PWM frequency modulation. The built-in repeater function allows you to achieve an unlimited range, just keep the distance 30 m between subsequent MIBOXER devices. ZigBee is a widely used low-power data transmission protocol. Thanks to secured transmission, it is used in monitoring systems and is successfully used in intelligent solutions - sockets, bells, various types of sensors, etc.

The ZL5 controller can operate in one of the 5 modes:

- RGB + CCT.
- RGBW.
- RGB.
- 2 x CCT.
- 5 x W.

The MiBOXER controllers allow you to divide the lighting into up to 4 zones and independently control the zones using the remote control. Thanks to the repeater function, if the distance $\leq 30\text{m}$ is kept between the controllers, it is possible to transmit the control signal to controllers that are beyond the direct range of the remote control.



Application:	Works with LED lighting - (RGB/RGBW/RGCCT/CCT/MONO) 12-24V LED strips
Rated voltage:	12 ... 48 V DC
Maximal total load:	<ul style="list-style-type: none"> • 180 W @ 12 V, • 360 W @ 24 V
Total maximal current:	6 A / Channel, 15 A (total)
Number of inputs:	1
Number of outputs:	5 (power)
Connector type:	<ul style="list-style-type: none"> • screw terminals, • 5.5/2.1 socket / screw terminals - power input
Wireless:	<ul style="list-style-type: none"> • Wi-Fi : IEEE 802.11 b/g/n, • 2.4 GHz, • ZigBee 3.0
Radio communication range (at open area):	30 m
Mobile phones support:	<ul style="list-style-type: none"> • Android: Free application MiBoxer, • iOS (iPhone): Free application MiBoxer



DATA SHEET

Main features:	<ul style="list-style-type: none">• The repeater function allows you to transfer control to subsequent FUT035S / FUT036S / FUT038S / FUT039 modules even beyond the direct range of the remote control,• The LED ZigBee 3.0 controller has the ability to change PWM frequency modulation,• Ability to work with any type of LED strip
Housing:	Plastic
Color:	White
Operation temp:	-10 °C ... 40 °C
Weight:	0.06 kg
Dimensions:	124 x 37 x 22 mm
Manufacturer / Brand:	MiBOXER / Mi-Light
Guarantee:	2 years

