



Connection and Installation Guide

RGBW 50 W Generator

1 output · control panel + My Smart LED app

SKU: GR0926.50.12.RGBW.1



Read this guide before installation

Keep it for as long as you use the device.

Safety rules

- Disconnect power before installing, connecting or cleaning the device.
- Make sure the input voltage is correct: 24 V DC from a power supply of adequate wattage.
- Do not place the generator in damp locations or where exposed to rain.
- Do not open the generator or modify the electronics unless you are a qualified professional.
- Ensure good ventilation – do not place the generator in a sealed space.
- Do not place any objects on or around the generator – this impairs heat dissipation.
- Do not look directly into the illuminated output of the generator.

Application

Decorative fiber optic lighting for indoor ceilings.

Installation

We recommend having the device installed and connected by a qualified installer. Carry out electrical work in accordance with applicable regulations.

Specifications and dimensions

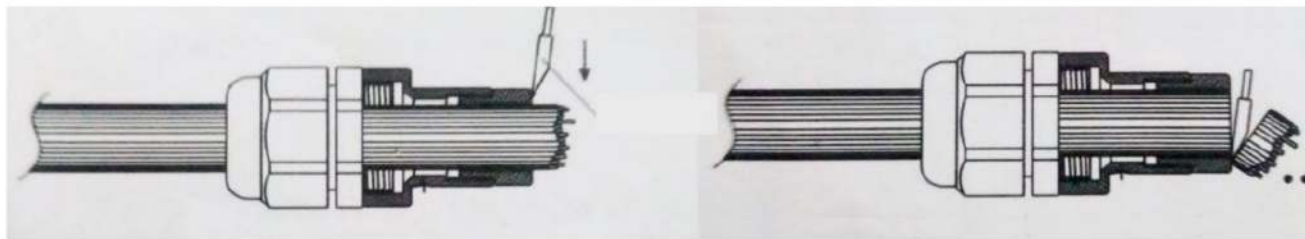
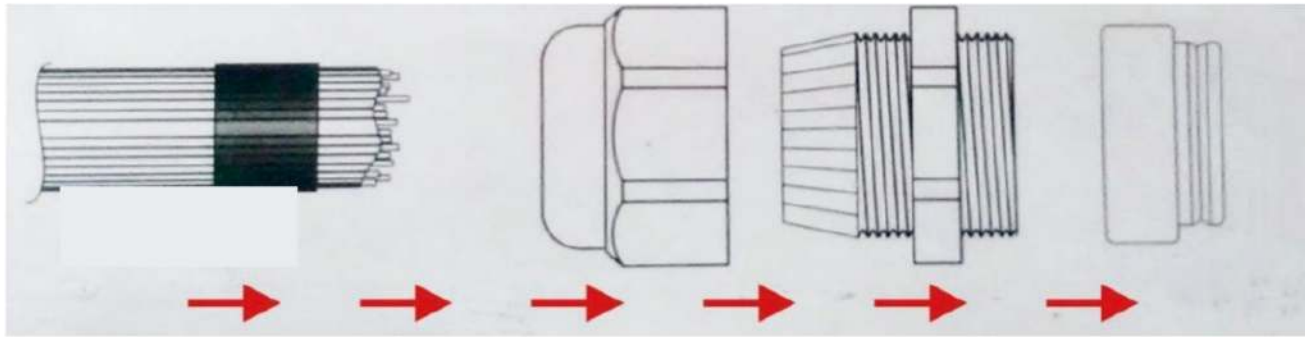
Data according to the manufacturer's documentation.

Power supply	24 V DC (external power supply)
Power	50 W
Light color	RGBW
Outputs	1
Bundle inlet	Ø 30 mm (inner diameter)
Housing	aluminum, 150 × 150 × 90 mm
Net weight	1000 g
Control	control panel (RF / Bluetooth) + My Smart LED app
Control panel	104 × 59 × 9 mm, CR2032 battery



Preparing and connecting the bundle

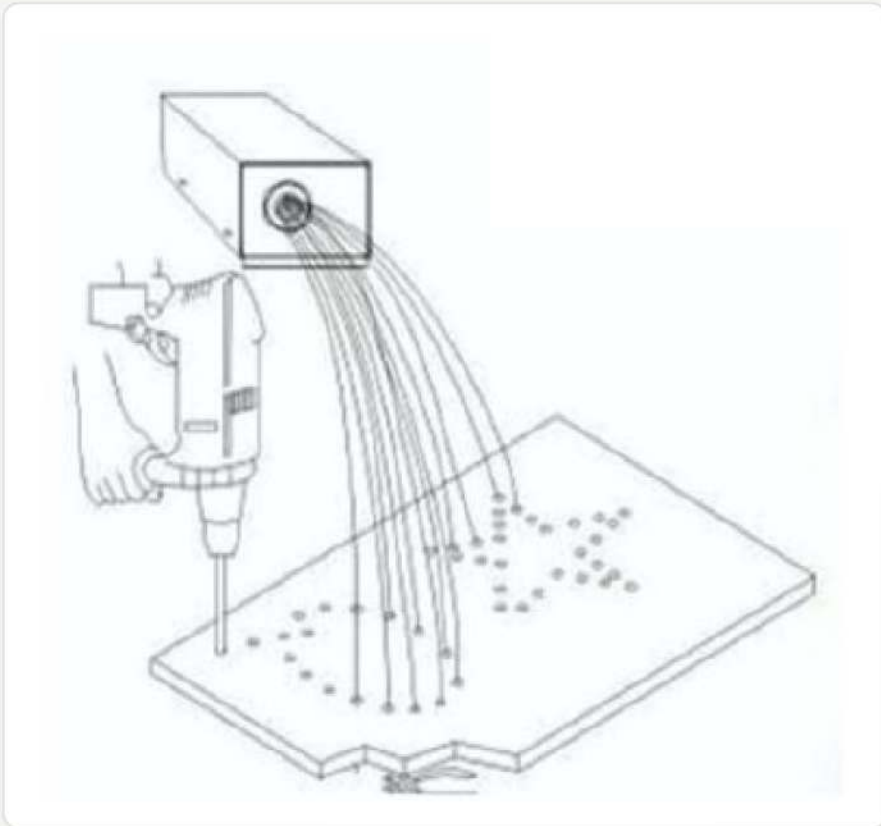
Perform with the power disconnected.



- 1 Align the fiber ends and wrap the bundle with tape rated for temperatures above 130 °C.
- 2 Pass the bundle through the coupling and tighten the nut so that the bundle cannot move and all fibers lie in the same plane.
- 3 Cut the bundle end flat with a hot knife or a blade.
- 4 Make sure the bundle end is smooth and clean – this way every fiber shines evenly.
- 5 Insert the entire coupling with the bundle into the generator's fixing ring and tighten the screw on the ring.

Ceiling installation and power connection

Plan the point layout and fiber lengths before drilling.



- 1 Drill holes in the ceiling base at the planned points.
- 2 Pass the fibers through the holes and fix them in place.
- 3 Trim excess fiber length flush with the ceiling surface.
- 4 Place the generator in a dry, ventilated location with service access.
- 5 Plug the 24 V DC power supply into the generator's power socket, then plug the power supply into the mains.
- 6 Turn on the light with the control panel or the app and check that all points light up.

Control panel

The device can be controlled by the control panel and the app at the same time.



Battery

The control panel is powered by a CR2032 battery.

How it works

- By default, one panel controls multiple generators.
- For 1:1 control, pair the panel (next page).
- One generator accepts up to 4 panels.

Pairing the panel and troubleshooting

Pairing the panel

Press and hold the MOTOR SPEED button, then switch on the generator's power. Three slow flashes of the light mean the pairing was successful. Otherwise, repeat the procedure.

Clearing the pairing

Press and hold the MOTOR ON/OFF button, then switch on the generator's power. Three flashes of the light mean the pairing has been cleared. Otherwise, repeat the procedure.

The panel does not control the device

- 1 Press any button on the panel and check whether its indicator flashes. No flashing means the battery is empty – replace the CR2032 battery.
- 2 If the panel works, check whether the generator's green indicator flashes. If not, switch the generator's power off and on again and retest.

Connecting to the My Smart LED app

Bluetooth control from your phone (iOS / Android).



- 1 Download the My Smart LED app from the App Store or Google Play (QR code on the left).
- 2 Turn on Bluetooth on your phone. On Android phones, also turn on location.
- 3 Switch on the generator's power, then open the app.
- 4 The app will connect to the device automatically. Do not pair the device manually in your phone's Bluetooth settings.

The app does not connect to the device

- Check the generator's power supply and that Bluetooth is on in your phone.
- If the device is connected in your phone's Bluetooth settings, disconnect it.
- Close the app and reopen it. A device can be connected to only one phone at a time.

App operating modes

Selected functions available in the My Smart LED app.



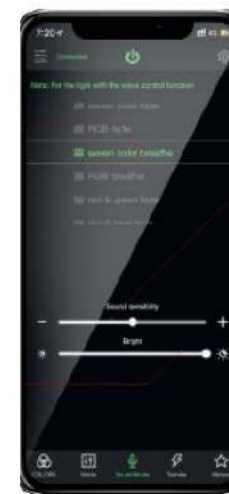
1 Static

Color wheel, preset and custom colors, brightness adjustment.



2 Dynamic

Effect selection with speed and brightness adjustment.



3 Sound

Effect selection, sound sensitivity and brightness adjustment.



4 Twinkle

Turn twinkle on and select its speed.

Additional information

Distributor

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Certificates

An EC-RED certificate (Directive 2014/53/EU) and a RoHS certificate (Directive 2011/65/EU) have been issued for this product.

Disposal

Do not dispose of the used device, power supply or batteries with household waste. Take them to a collection point for waste electrical and electronic equipment.

Legal notice

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