Technical Datasheet

RGB LED Strip Controller DC12–24V – 2.4GHz RF – 6A/CH

Product code:

Reference: 2598-FUT025

Technical specifications:

REFERENCE: 2598-FUT025
Rated Power : 216W (12V) 432W (24V)
Nominal Voltage: DC 12 -24V
Construction Material: PC
Certifications: CE - ROHS
IP : IP20
Dimensions (mm):
Frequency (Hz): 2,4GHz
Temperature Range (ºC): -10ºC ~ +40ºC
On/Off Cycles: 100.000
Other Information: RGB - 6A/CH
Control modes: Remote
Warranty Years: 3

Product short description:

Light up your spaces with style and precision using the **RGB LED controller** and the **2.4GHz RF remote control**; they offer access to **16 million colors**, **adjustable brightness and saturation**, and **smooth, flicker-free transitions**. The **2.4GHz RF technology** provides a **range of up to 30 meters**, perfect for **homes and businesses**. With a **durable and safe design**, it ensures a **long-lasting and reliable experience**. **Let your lighting match your style!**

(batteries not included)

Product description:

RGB LED Strip Controller DC12–24V – 2.4GHz RF – 6A/CH

Transform your lighting experience with the **MiBoxer RGB LED Controller** and **2.4GHz RF remote**, a modern and versatile solution that gives you complete control over your space's ambiance with just a touch. Designed for both **residential and commercial applications**, this system combines ease of use, high performance, and a secure, long-lasting design.

Key Features:

- **2.4GHz RF wireless technology**: Control your lighting remotely with a stable, interference-free signal up to **30 meters**.
- **16 million colors**: Choose the perfect hue for any occasion – from relaxing to energizing environments.
- **Adjustable brightness and saturation**: Fine-tune the intensity and depth of your lighting for a tailored experience.
- **6A output per channel (3 RGB channels)**: Supports up to **18A total**, ideal for high-power LED setups.
- **Smooth, flicker-free transitions**: Enjoy a fluid, comfortable visual experience in any setting.
- **Low energy consumption**: Remote operates with 2 AAA batteries, 20μA standby.
- **Durable and safe design**: Built with high-quality materials for long-term use in various environments.
- **Compatible with 12V–24V RGB LED strips**, max output of 10A.

Applications:

- **Home**: living rooms, bedrooms, kitchens, patios, entertainment areas.
- **Commercial**: display windows, restaurants, bars, hotels, event venues.
- **Interior design projects**: ideal for architects, designers, and installers seeking modern lighting solutions.

The **MiBoxer system** is a smart and reliable choice for those who want full lighting control with elegance, efficiency, and freedom.**Let the light work for you – at the push of a button!**

At FactorLED, we ensure that our products guarantee QUALITY and provide all the necessary elements for DISTRIBUTION, IMPORT, or WHOLESALE, including the technical specifications of each LED product.

Notice: Product subject to change without prior notice. Ensure to use the most recent technical datasheet.

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Additional images:

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