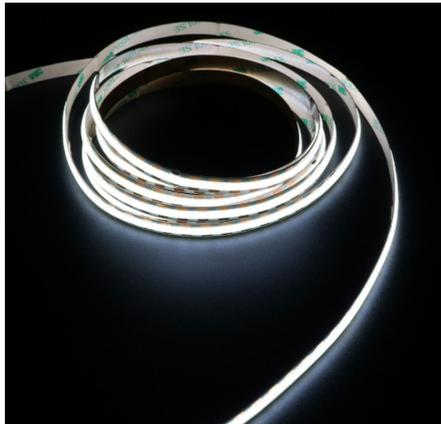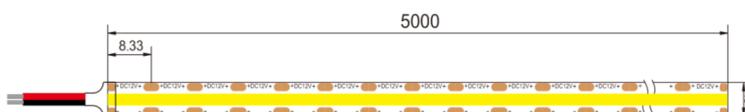# 12W Dot Free COB LED Strip Light

Technical Specification

Model	SE-12V-12W-480-IP20		
Watts	12W		
Input Voltage	DC12V		
LED Chip	480 COB LED CHIPS		
Color Temp.	3000K	4000K	5000-5500K
Lumens Output	1000lm	1100lm	1200lm
CRI	Ra>90		
Beam Angle	120°		
Size	5000 * 08*1.0mm		
IP Grade	IP 20		
Operating Temp.	-20˚ - +45˚		
Max Length	5M Per Driver		
Net Weight (kg)	0.23		
Certification	CE&ROHS		

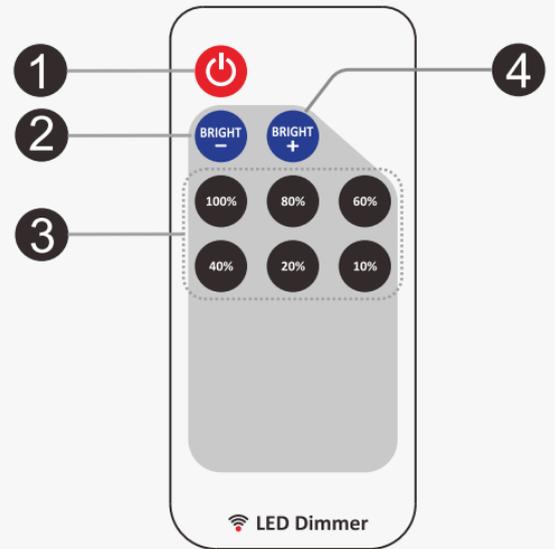* The information in this datasheet may be changed by Everglow Lighting at any time without prior notice.

8mm
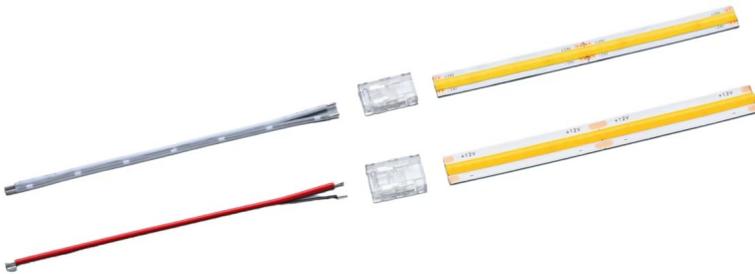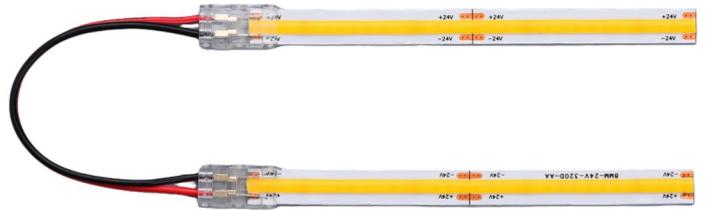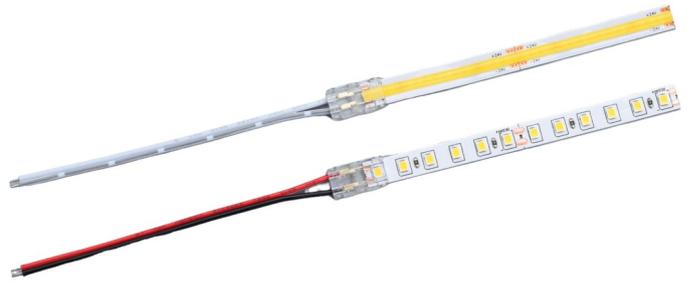
RF Wireless Remote

LED Dimmer

Instructions

- For LED Strip/Module
- 64-level Dimmer
- 8 Shortcut Brightness
- 5-24V Wide Voltage
- High Out Current
- Card Type RF Remote
- Ultra Slim Design
- Smooth Dimmer Effect
- Easy Remote Pairing
- Power off Memorize

Functions

1. Turn On/ Standby

Press this key to turn on unit or switch to standby mode. At power on, unit will automaticly turn on and restore to previous status .

2/4. Brightness Adjust

Adjust LED brightness Press BRIGHT+ to increase brightness and press BRIGHT- to decrease brightness.

3. Brightness Shortcuts

Directly switch to 100%, 80%, 60%, 40%, 20% or 10% of full brightness.

Installing

1. Power Supply

This unit accepts DC 5V to 24V power supply. The red cable (or inner pole of DC jack) should be connected to positive and black cable (or sleeve pole of DC jack) to negative. Please make sure the power supply voltage is same as the LED load.

2. LED Output

The red cable (or inner pole of DC plug) should be connected to LED positive and black cable (or sleeve pole of DC plug) to negative.

The peak output current is 12 amperes and maximum constant current is 6 amperes, please reduce load if main unit is overheating.

CAUTION! Do not short circuit or overload the LED outputs, this may lead to permanent damage!

LED DIMMER
With RF Remote Control
Peak Output Current: 12A 107
5-24V   LED
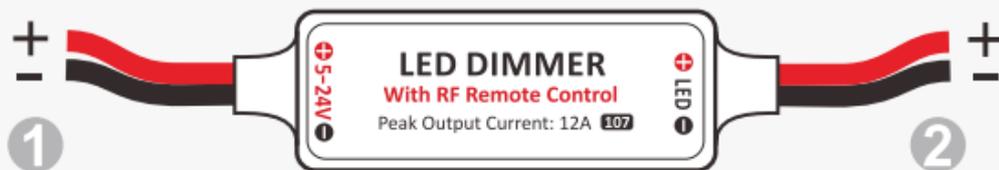
Operation

1. Using Remote Controller

Please pull out the battery insulate tape before using. The RF wireless remote signal can pass through barrier, so it's not necessary to aim at the main unit when operate.

For proper receiving remote signal, please do not install the main unit in closed metal parts.

2. Pairing New Remote

The remote and main unit is 1 to 1 paired as default. Further more, main unit can be paired to 3 remote controllers and each remote controller can be paired to any main unit.
Please do following steps to pair new remote controller:
1). Plug off the power of main unit and plug in after 5 seconds.
2). Press '100%' and '60%' key together in 5 seconds after power on.
After this operation, the main unit will recognize the new remote controller.

3. Free Remote Pairing Mode

In some specific cases, the main unit may need to be paired to any remote controllers. Please do following steps for free remote pairing mode:
1). Plug off the power of main unit and plug in after 5 seconds.
2). Press 'ON/OFF' and 'BRIGHT+' key together in 5 seconds after power on.
After this operation, the main unit will recognize any remote controller. To pair the main unit back to specific remote, please repeat the 'Pairing New Remote' operation.

Specification

Lighting brightness level	64 levels
Brightness Shortcut	6 shortcuts
Smooth dimmer effect	Yes
Working voltage	DC 5~24V
Output current	peak 12A, constant 6A
Remote controll mode	RF Wireless
Remote frequency	433.92MHz
Remote distance	>15m at open area