



LUMIRON  
LED LIGHTING  
“ DMR 3006 PB 1 ZONE  
WIRELESS DIMMER RECEIVER ”

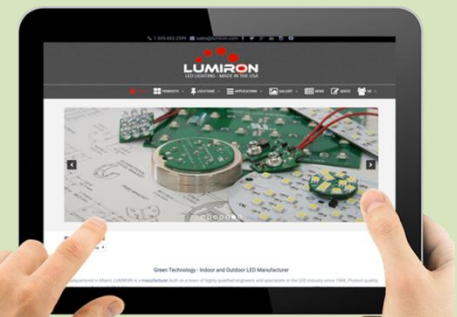
20725 NE. 16 AVE. #A-33  
MIAMI, FLORIDA 33179

Tel: (305) 652-2599

Fax: (305) 650-8812

[www.lumiron.com](http://www.lumiron.com)

Email: [sales@lumiron.com](mailto:sales@lumiron.com)



## Product Description

Our DMR 3006 PB 1 ZONE WIRELESS DIMMER RECEIVER is a wireless dimming and ON/OFF system for any LED Product that works at 12VDC, 24VDC, or 36VDC. The 800 MHz wireless remote can be placed anywhere and works as an on/off switch and dimmer with just one button. Easily adjust your LED Lights to your preferred brightness level and the unit will memorize the setting, so next time you turn on the lights they will light up at exactly the same level they were before they were turned off. The DMR 3006 PB 1 ZONE WIRELESS DIMMER RECEIVER product includes a PUSH BUTTON WIRELESS DIMMER and one UL Listed RECEIVER ensuring the safety and durability for the lifetime of the receiver. It is IP20, please avoid the sun and rain. When installed outdoors, please ensure it is mounted in a waterproof enclosure. Always be sure to mount it in an area with proper ventilation to avoid overheating. It is easy to install and operate and will provide many years of easy operation. The operation is very simple: Press the center button on the remote for less than 1 second to turn On or OFF. Press and hold the button to Increase/Decrease brightness.

## Main Functions

- Ultra-compact Wireless Dimmer remote (1.51in x 0.70in)
- Battery included with remote
- On/Off function
- 0-100% dimming
- 4 X 120W Outputs (total 480W @24VDC)
- Memory function (keeps settings even if power loss)
- Ultra-smooth dimming
- Remote Control unit can be hidden almost everywhere
- Up to 30 feet control distance (Unobstructed)

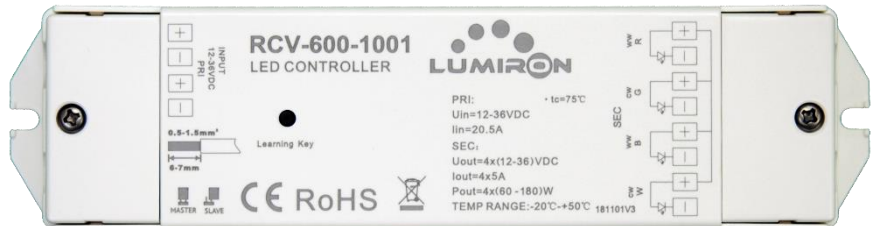
## Push Button and Receiver

Push Button



Receiver

For Wireless RGB-W Control:  
RECEIVER 8 ZONE LED CONTROLLER 5A

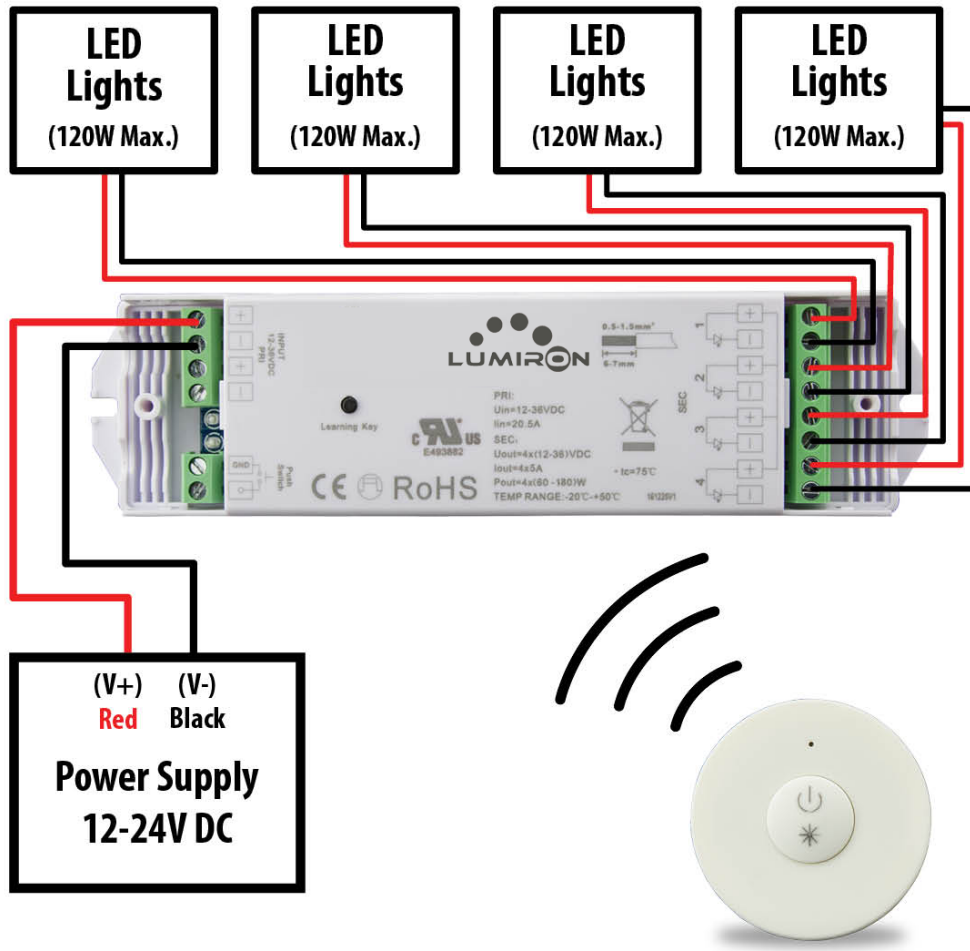


# Installation Guide

Lumiron's DMR 3006 PB 1 ZONE WIRELESS DIMMER RECEIVER is quick and easy to install, and will operate any four-single color LED Lighting fixtures. Additionally you are able to connect a power supply of 12-36 Volt DC power to the input end of the receiver to power your LED lighting fixture. Please note that the voltage of power you connect to the receiver will be the same voltage that it will output. For example if you attached a 12V DC power supply to your receiver, you would have 12V coming out to your lighting fixtures. This section will show you how to setup your receiver with your lighting fixtures and power supply. Please note this system's receiver is specific to the remote, and vice versa.

- **Tools Required**
  - Philips Screwdriver
  - Flat Head Screwdriver
  - Wire Stripper

## DMR 3006 PB 1 ZONE WIRELESS DIMMER RECEIVER Wiring Diagram



# Setting up the Dimming System

Once you have powered on and connected the receiver to a light fixture, you will be able to use the Included Push Button to control those fixtures, by either dimming brighter or less bright, or by turning On/Off.

1. To get the Push Button to work properly, you will need to pull out the plastic tab (between the Push Button and the battery) on the side of the Push Button. To locate the plastic tab, pull out the front face of the dimmer from its wall mount casing. Once, separated (from the wall mount case) flip the Push Button over, on the bottom, you will see the battery compartment and within the crevice is the plastic tab. Pull the tab off the Micro Dimmer and you are now ready to sync. To open the battery compartment, pinch the ends of the battery compartment towards the middle and pull out gently. The compartment should open and would allow you to inspect or replace the battery if needed. When replacing, the positive side of the battery is facing the back side of the dimmer. Negative is towards the front face of the dimmer.
2. When you plug in your receiver with the LED lighting fixtures attached, your lights will turn on. You can immediately begin to sync your receiver and remote by pressing the Learning Key once on the Receiver, and then the Dim/Power Button on your remote. Your lights will blink once, signaling that your receiver and remote are fully synchronized.
3. Now, you are able to dim and power on and off your lights. To power on or off your lights, simply press and release the “Dimming and Power Button” once. This will turn on and off your lights with a subtle fading effect. To dim your lights, or slowly increase the brightness, hold and press down on the “Dimming and Power Button” on your remote, and you will notice a gradual change to either a brighter or dimmer light.

Please Note: Once you dim your lights all the way down to an “Off” setting, you cannot simply press the “Dimming and Power Button” to turn it off. You have to hold down the button on your remote to increase the brightness. If you press down on your remote and your lights are not turning on, this is most likely the issue you are experiencing, and by simply pressing the power button once, then holding it down, and repeating that again, you can restore your lights to the “on setting quickly and easily.”

## Technical Information

### Push Button

- 30ft Unobstructed Control Distance
- Battery Included
- Infrared Signal

### Receiver

- Voltage Input: 12V DC to 36V DC
- 5A per Channel (60-180W per channel)
- Memory function when power off
- Smart learning function for channel assignment
- Size: 7" x 1-6/8" x 1-6/8"