

**Important: Read all instructions prior to installation.**

## Wireless LED Dimmer Push Button Switch for Easy Dimmer Series Controllers

### Parts Included

- 1 - 868MHz LED Dimmer Push Button Switch
- 1 - 3V CR2025 Battery
- 2 - Mounting Screws

### Push Button Switch

#### 1. On/Off/Brightness Push Button

Press switch for remotely activating / controlling LED products.

#### Button Actions:

|              |  |
|--------------|--|
| Single Press | Turns LEDs on/off. If the Controller Pairing Switch has been depressed, a single press on the Push Button Switch pairs the switch to the Controller. |
| Hold Press   | Increases or decreases brightness until you release, turning LED on will remember the last memory position   |

### Controller

#### 1. Pairing Switch

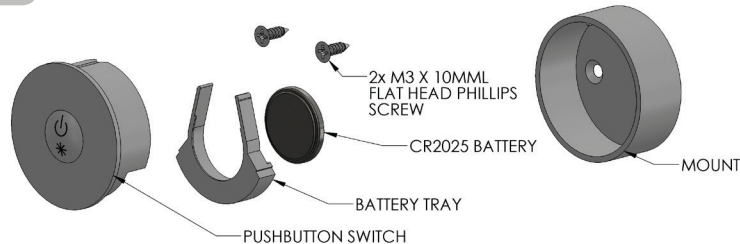
To pair Push Button Switch to Controller, press the Controller Pairing Switch once and then press Push Button Switch. Lights will blink once to indicate pairing. To unpair Push Button Switch(es), press and hold Controller Pairing Switch until lights blink twice.

#### 2. Master/Slave Jumper

Set Jumper to Master for main Controller. Master emits synchronization signal to Slave Controllers. Set Jumper to Slave to receive synchronization signal from Master Controller. Use Master for the first Controller in each zone. To achieve perfect synchronization between Controllers in one zone, set additional Controllers to slave.

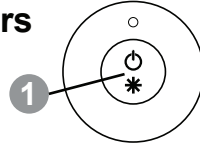
### Battery Replacement Instructions

- Follow illustrated steps to replace the battery.
- Locate notch in the back plate. Use a flat-head screwdriver to remove back plate from the housing.
- Remove PCB board completely from the front housing.

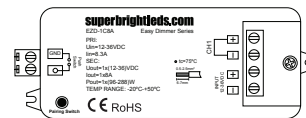


- If replacing battery: Push old battery down-and-out of it's slot.
- Insert the 3V (CR 2025) battery, push PCB board back into front plate along with the power button. Push back plate into place to complete the assembly.

EZD-1CPB  
Push Button Switch

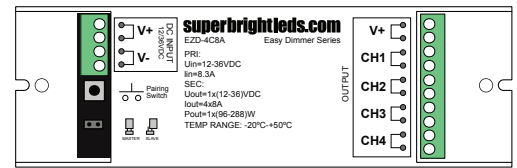


EZD-1C8A Controller



| EZD-1CPB Push Button Switch |                |
|-----------------------------|----------------|
| Operating Voltage           | 3 VDC          |
| Battery Size                | CR2025         |
| Operating Frequency         | 868 MHz        |
| FCC ID#                     | 2ACUQ-RF28XX01 |

EZD-4C8A Controller



| EZD-4C8A Controller |         |                                   |
|---------------------|---------|-----------------------------------|
| Input Voltage       | Current | Output Wattage                    |
| 12~36 VDC           | 4 X 8A  | 384W(12V) 768W(24V)<br>1152W(36V) |

| EZD-1C8A Controller |         |                                 |
|---------------------|---------|---------------------------------|
| Input Voltage       | Current | Output Wattage                  |
| 12~36VDC            | 1 X 8A  | 96W(12V) 192W(24V)<br>288W(36V) |

### FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### Set-Up Instructions

#### Remote

- Follow illustrated steps to remove the Battery Tray. Insert the 3V battery included with the Push Button Switch.

#### Controller

- Make sure power to the Controller is disconnected.
- Using a small flathead screwdriver, loosen the labeled terminal screws visible on the top of the controller.
- Matching light strip wires with labeled slots on the Controller, insert wires and tighten terminal screws.
- Turn power on and wait until light strip illuminates. If it does not come on, check light strips and wiring connections.

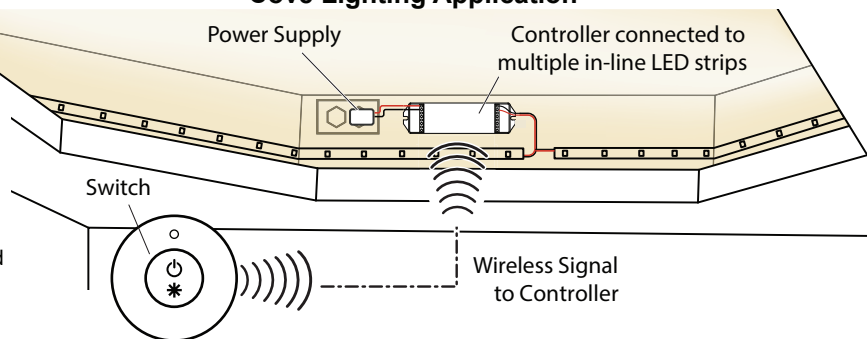
### Safety

- DO NOT install with power applied to controller.
- DO NOT expose the Push Button Switch or Controller to moisture.

### Cove Lighting Application

#### Operating the Push Button Switch/Controller

- Press "Pairing Switch" button on the Controller. Immediately press the Push Button Switch to pair it to the Controller. The LED lights wired to the Controller will blink when the pairing is complete.
- Multiple Push Button Switches can be paired to a Controller, and Push Button Switches can be paired to multiple Controllers. If multiple Controllers paired to a Push Button Switch are not in sync, unpair and then pair until Controllers and lights are in sync.

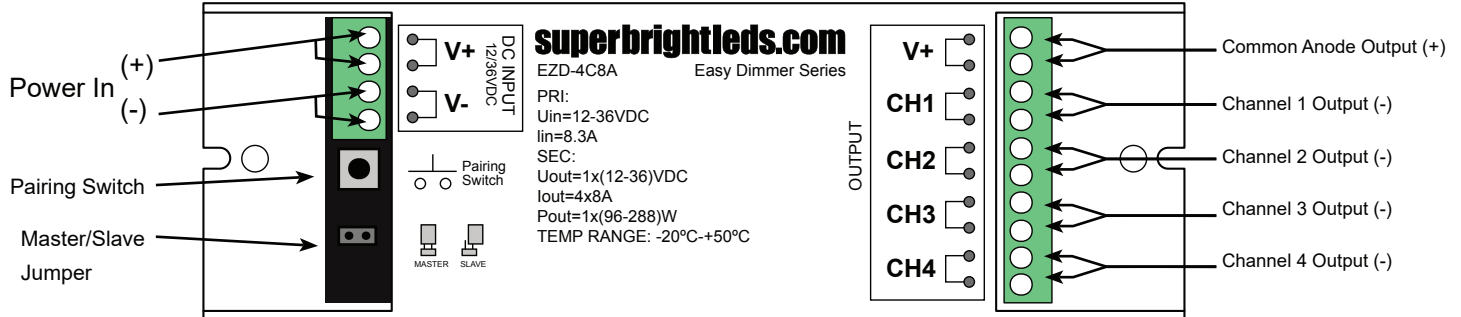


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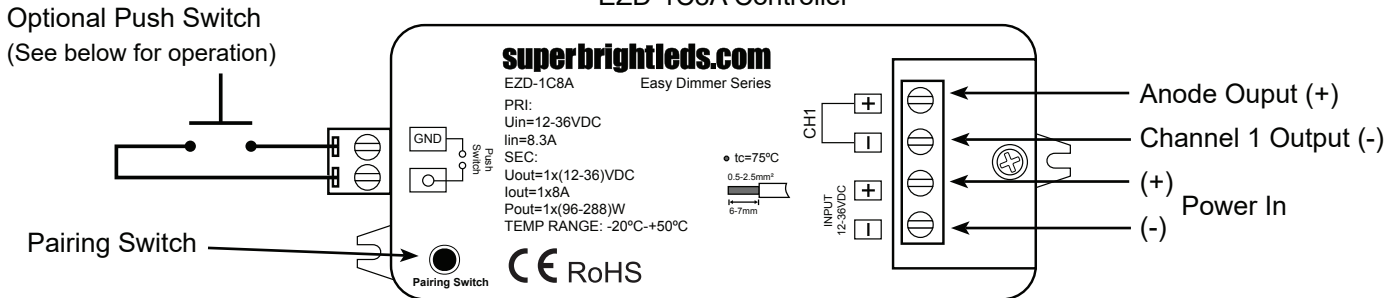
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### Connection Diagram

#### EZD-4C8A Controller

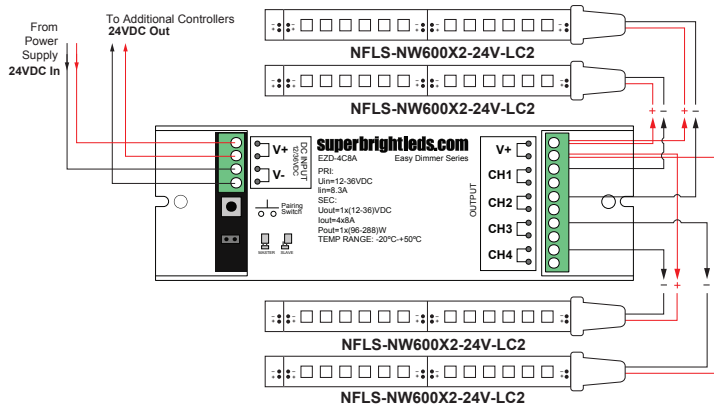


#### EZD-1C8A Controller

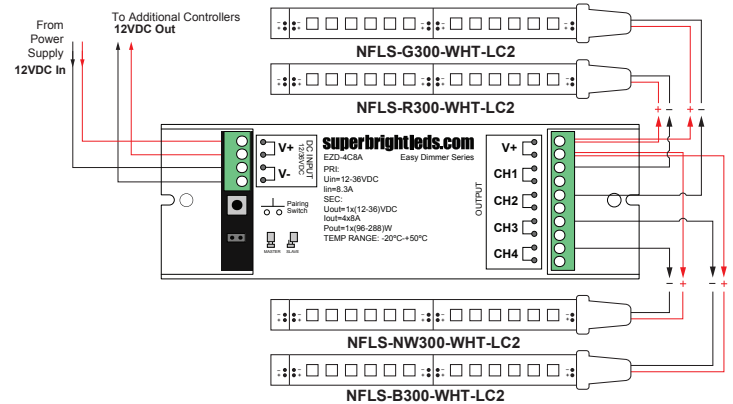


### Example Diagrams

#### (1) Single Color 24VDC Application / EZD-4C8A



#### (2) Four Color 12VDC Application / EZD-4C8A



#### (3) Single Color 12VDC Application / EZD-1C8A

