




# Super Bright LEDs BRI619 0-10 Volt Low Voltage PIR Motion Sensor User Manual

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**Super Bright LEDs BRI619 0-10 Volt Low Voltage PIR Motion Sensor**



**Safety and Notes**

- The product should be installed and serviced by a certified electrician in accordance with applicable national, state, and local building and electrical codes.
- To reduce the risk of electric shock, ensure that the main power source and circuit breakers are switched off before performing any installation or wiring procedures.

**Specifications**

|                          |                          |
|--------------------------|--------------------------|
| Model                    | BRI619                   |
| Maximum Detection Radius | 29.5 ft (9 m)            |
| Maximum Mounting Height  | 39.4 ft (12 m)           |
| Operating Temperature    | -40°–167° F (-40°–75° C) |
| Dimming                  | 0–10 V <sup>1</sup>      |

**Default Settings**

| Model  | Sensitivity | Hold On Time | Daylight Sensor | Dimming Level | Dimming Time |
|--------|-------------|--------------|-----------------|---------------|--------------|
| BRI619 | 100%        | 15 min       | 30 lux          | 30%           | 60 minutes   |

**DIP Switch Settings**



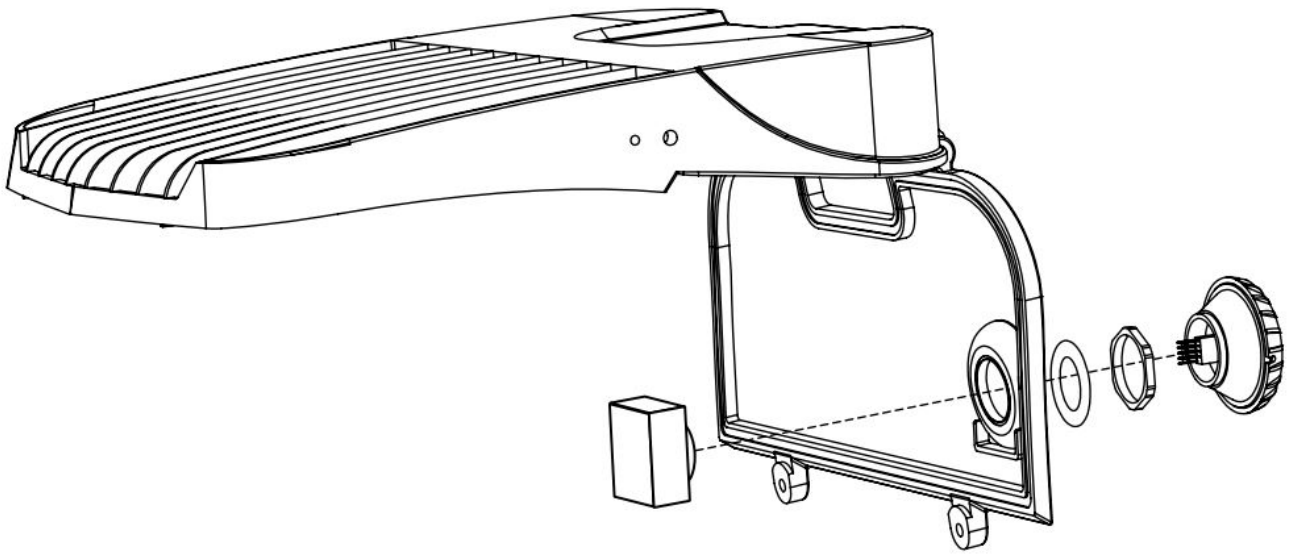
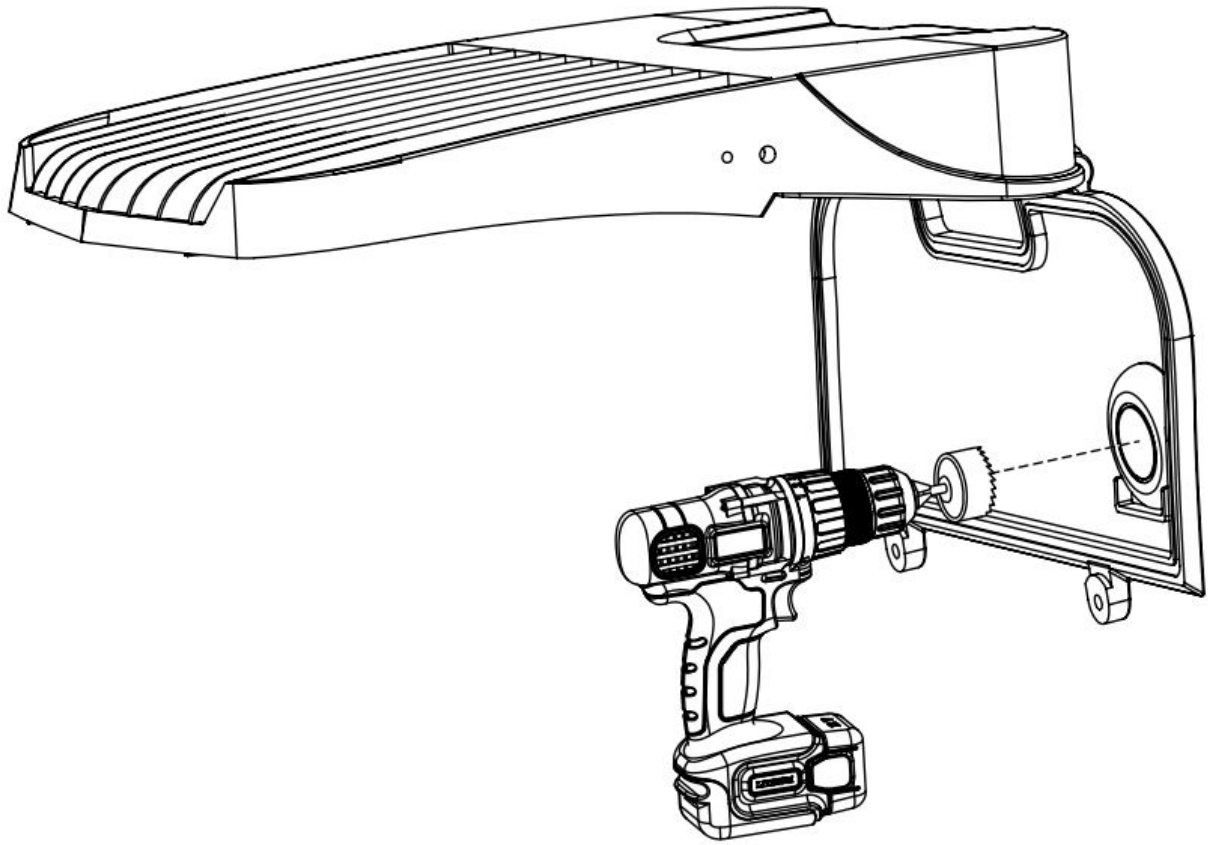
| Setting              | Sensitivity | Time       | Light    | Standby Level | Standby Time |
|----------------------|-------------|------------|----------|---------------|--------------|
| Switch Pair Position | 1 and 2     | 3 and 4    | 5 and 6  | 7 and 8       | 9 and 10     |
|                      | 20%         | 10 seconds | disabled | 0%            | always on    |
|                      | 50%         | 1 minute   | 10 lx    | 10%           | 1 minute     |
|                      | 75%         | 5 minutes  | 30 lx    | 30%           | 30 minutes   |
|                      | 100%        | 15 minutes | 50 lx    | 50%           | 60 minutes   |

- **Sensitivity** adjusts detection range.
- **Time** adjusts the amount of time before the light enters standby mode when no motion is detected.
- **Light** adjusts the ambient light threshold (photocell operation).
- **Standby Level** adjusts the dimming level in standby mode.
- **Standby Time** adjusts the amount of time between entering standby mode and fully disabling light.

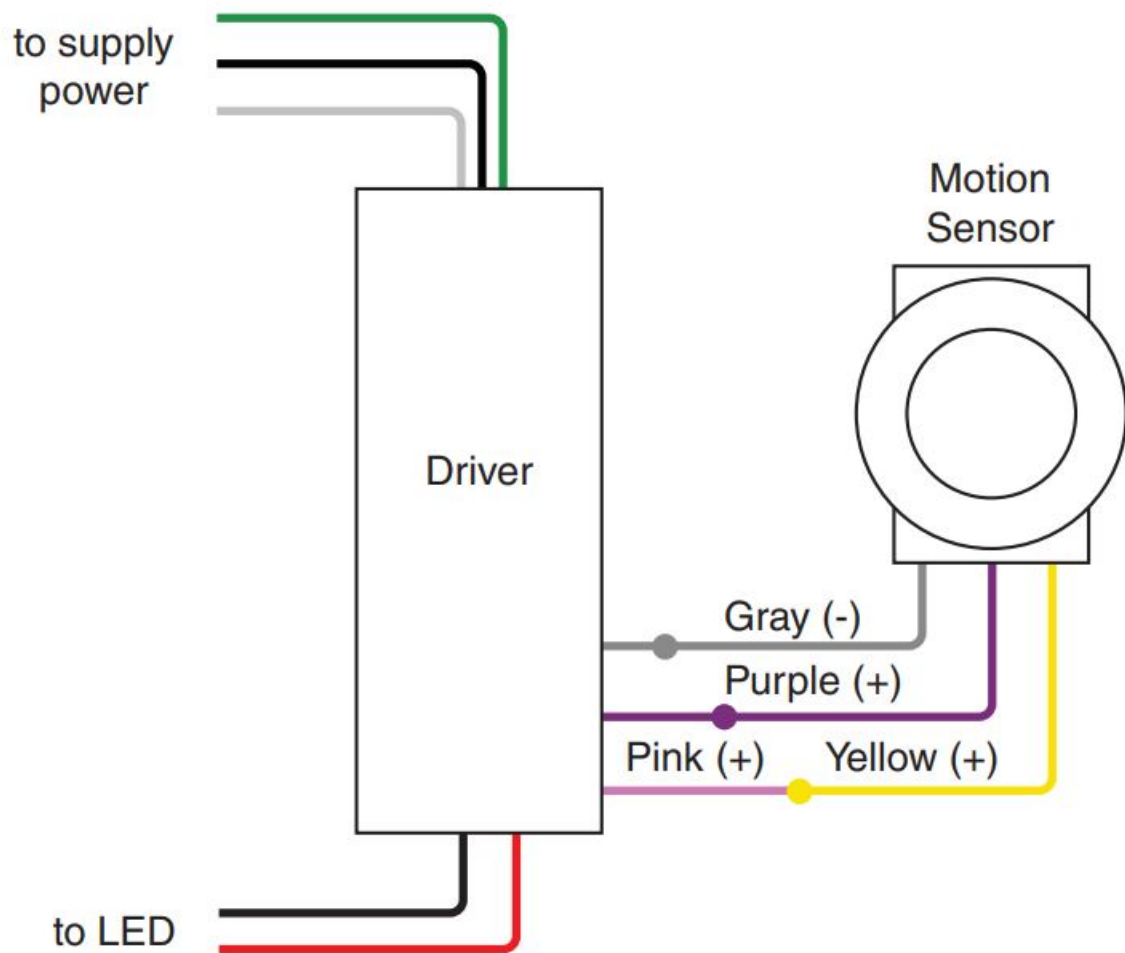
## Motion Sensor

### Installation

1. Remove supply power from
2. Remove two bolts to open access
3. Drill 1 5/16 in. hole in pre-marked
4. Place module through hole, then install rubber gasket and locking
5. Plug sensor into
6. Wire using wiring diagram
7. Close and secure panel then reapply supply.

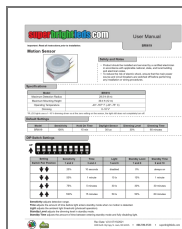


## Wiring Diagram



**Note: Sensor uses 12–24 VDC input only**

## Documents / Resources



[Super Bright LEDs BRI619 0-10 Volt Low Voltage PIR Motion Sensor](#) [pdf] User Manual  
BRI619, 0-10 Volt Low Voltage PIR Motion Sensor