



# sbl BRI819P-B-D Fixture-Mounted Motion Sensor User Manual

[Home](#) » [sbl](#) » sbl BRI819P-B-D Fixture-Mounted Motion Sensor User Manual 

## Contents

- [1 sbl BRI819P-B-D Fixture-Mounted Motion Sensor](#)
- [2 Safety and Notes](#)
- [3 Specifications](#)
- [4 DIP Switch Settings](#)
- [5 Sensor Coverage](#)
- [6 Wiring Diagram](#)
- [7 Documents / Resources](#)
  - [7.1 References](#)
- [8 Related Posts](#)



**sbl BRI819P-B-D Fixture-Mounted Motion Sensor**



**Safety and Notes**

- Product should be installed and serviced 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	BRI819P-B-D
Maximum Detection Radius	30 ft (9.14 m)
Maximum Mounting Height	40 ft (12.2 m)
Operating Temperature	-40°–167° F (-40°–75° C)
Dimming	0–10 V <sup>1</sup>

Check product label for specific electrical specifications related to installation. Improper installation will void warranty. <sup>1</sup>Lights that use a 1–10 V dimming driver will not completely turn off when at the zero setting on the sensor.

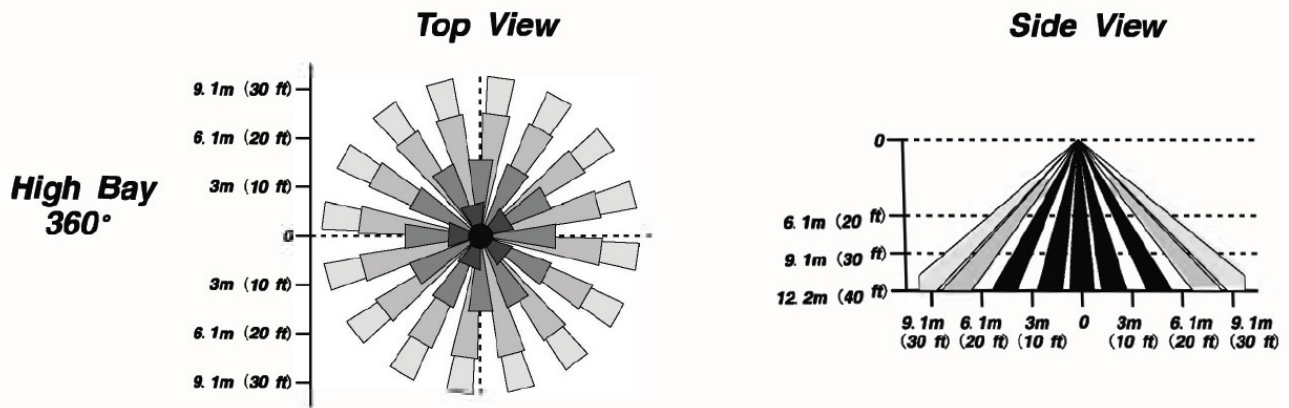
## DIP Switch Settings



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 minute	30 lx	30	30 minute
	100%	15 minute	50 lx	50	60 minute

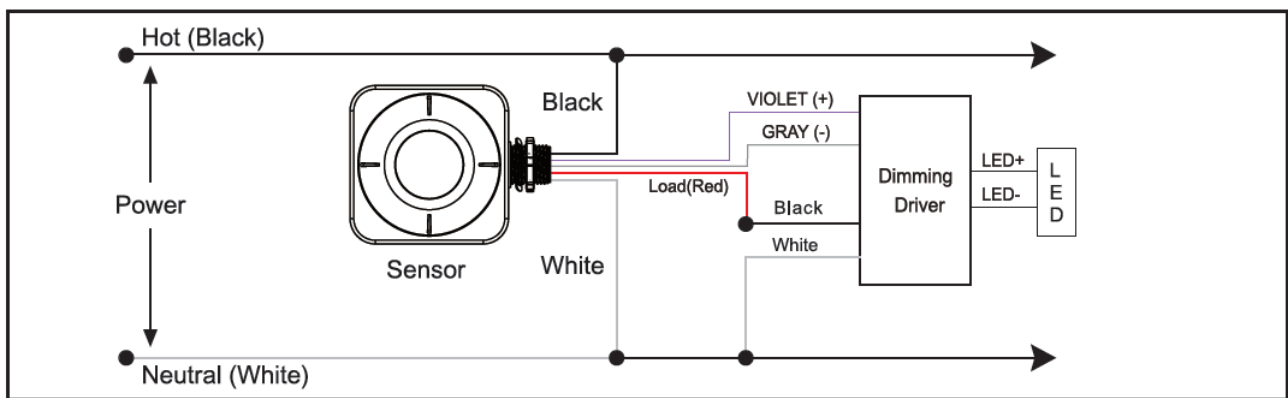
Sensitivity adjusts detection area. Time adjusts the amount of time between when motion is detected and when the light enters standby mode. Light adjusts the daylight threshold which allows the light to stay off if motion is detected and the room is already sufficiently illuminated. Standby Level adjusts the dimming level of the light during standby mode. It should be noted that “0” setting on a 1–10 V light will result in the light being set at 10% as the driver in this case cannot dim beyond this level. Standby Time adjusts the amount of time the light stays in standby mode before shutting off completely.

## Sensor Coverage

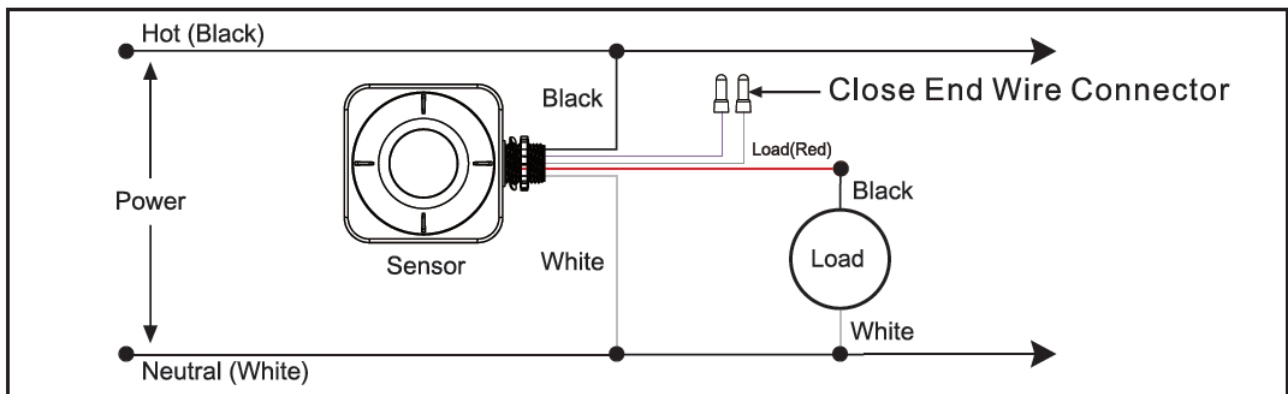


## Wiring Diagram

### Dimming Driver

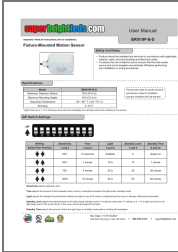


### Non-Dimming Driver



- Rev Date: V1 07/15/2021 4400 Earth City Expy, St. Louis, MO 63045
- 866-590-3533
- [superbrightleds.com](http://superbrightleds.com)

## Documents / Resources



[sbl BRI819P-B-D Fixture-Mounted Motion Sensor](#) [pdf] User Manual  
BRI819P-B-D Fixture-Mounted Motion Sensor, BRI819P-B-D, Fixture-Mounted Motion Sensor

References

- [LED Lighting For Everything | Super Bright LEDs](#)