

BRI819P-B-D

Dimmable Motion Sensor



SKU No:

Type:

Date:

ACCESSORY FOR LINEAR HIGH BAY



DESCRIPTION

The product mounts in an indoor lighting fixture and provides multi-level control based on motion. It controls 0 - 10 VDC LED drivers or dimming ballasts. The product occupancy sensors are designed to mount to a light fixture and control one load in that fixture. They can be wired to control all ballasts in the fixture, or to control half of the ballasts providing high/ low lighting control. When motion is detected within the sensor's coverage area, the relay in the sensor closes, and lighting loads are automatically turned on.

WARNING

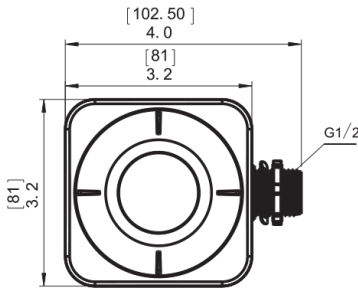
NOTE: Warm up time is 40 seconds. After the sensor connects input power first time, the light will keep on for 40 seconds, then go to dimming to work normally.

NOTE: Factory default setting: 100% sensitivity, Hold on time: 10 seconds, daylight sensor is 30 lux, dimming level: 30%, dimming time: 60 minutes

NOTE: Any setting changed by DIP switch or remote control, the LED light that sensor connect will on/off as confirm.



DIMENSIONS



Included:



L1 (Low bay)



L2 (High bay)

Sold Separately:



RC-100

TECHNICAL DATA

PRODUCT	BRI819-B-D
POWER SUPPLY	120/ 277 VAC, 50/60Hz
MAXIMUM LOAD	Resistive/ Tungsten - 600W @ 120V Electric Ballast - 800W @ 120V/ 1200W @ 277V
DIM CONTROL OUTPUT	0 - 10V, max. 25mA sinking current
PIR LE1	30FT @ 25FT height/ 360
PIR LE2	30FT @ 40 FT height/ 350
TIME SETTING	10 Sec - 15min
LIGHT-CONTROL	10-50 Lux (adjustable)
HUMIDITY	Max 95% RH
WORKING TEMPERATURE	-40°F~167°F

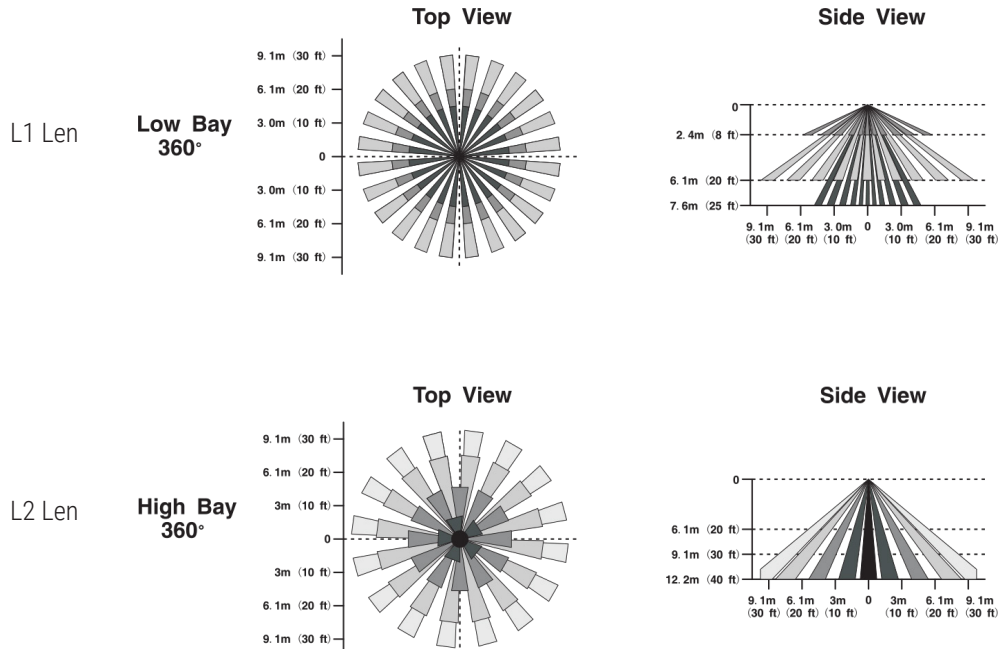
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SENSOR INFORMATION

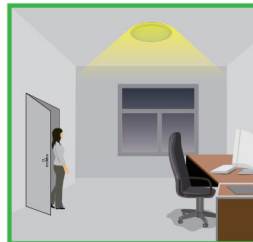


FUNCTION AND OPTIONS

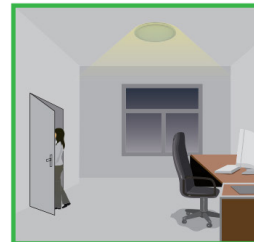
The microwave sensor to achieve tri-level dimming control, for same areas that require a light change notice before switch off. It offers 3 levels of the light control: 100% -- dimming light (0, 10%, 30%, 50%) -- off; and 2 periods of selectable waiting time: motion hold-time and stand-by time. Selectable daylight threshold and choice of detection area.



With sufficient natural light, the light does not switch on when presence detected.



With insufficient natural light, the sensor switches on the light automatically when person enters room.



People left, light still dims to 0/10%/30%/50% (options) standby level after the hold time.



Light switches off automatically after after stand-by time elapsed.

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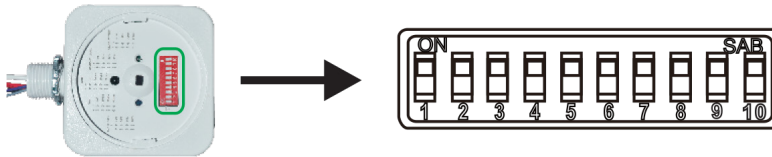
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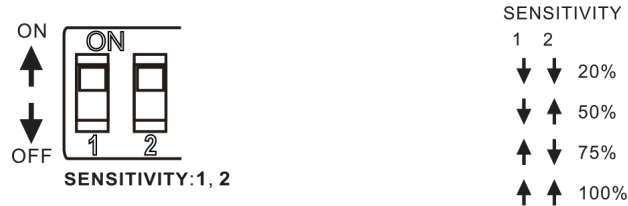
PARAMETER SETTING BY DIP SWITCH

- 1, 2 ~ Set sensitivity
- 3, 4 ~ Set hold time
- 5, 6 ~ Set light control setting
- 7, 8 ~ Stand-by light level
- 9, 10 ~ Set stand-by time



DETECTION RANGE SETTING (SENSITIVITY)

Detection range is the term used to describe the radius of more or less circular detection zone produced on the ground after mounting the sensor light at a height of 40FT (L2), pull switch to the ON position as "↑", pull switch to the OFF position as "↓", switch location and detection range of the corresponding table is as follows:



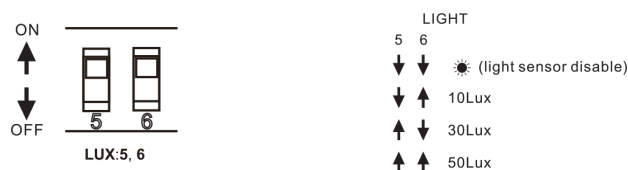
HOLD TIME SETTING

The light can be set to stay ON for any period of time between approx. 10 sec and maximum of 15 min. Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test. Pull switch to the ON position as "↑", pull switch to the OFF position as "↓", switch location and detection range of the corresponding table is as follows:



LIGHT-CONTROL SETTING

The chosen light response threshold can be infinitely from approx. 10-50 lux, pull switch to the ON position as "↑", pull switch to the OFF position as "↓", switch location and light-control of the corresponding table is as follows:



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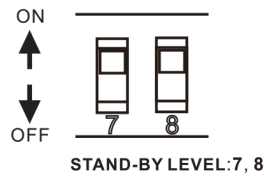
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ACCESSORY FOR LINEAR HIGH BAY

STAND-BY LIGHT LEVEL SETTING

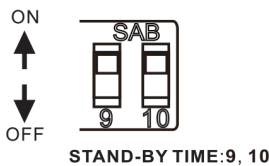
Switch to the on is "↑", switch to the off is "↓", the corresponding file of switch location and detection distance as follow:



STAND-BY LEVEL		
7	8	
↓	↓	0%
↓	↑	10%
↑	↓	30%
↑	↑	50%

STAND-BY TIME SETTING

File of switch location and detection distance as follow: file of switch location and detection distance as follow:



STAND-BY TIME		
9	10	
↓	↓	+∞
↓	↑	1Min
↑	↓	30Min
↑	↑	60Min

PARAMETER SETTING BY REMOTE CONTROL IN MANUAL OF RC-100

WIRING DIAGRAMS

