

BRI812P-D-A-O



BRI812P-D-B-O

INTRODUCTION

The BRI812P-D-A-O/BRI812P-D-B-O mounts in an outdoor lighting fixture and provides multi-level control based on motion and/or daylight contribution. It is rated for wet and cold locations.
All control parameters are adjustable via a wireless configuration tool capable of storing and transmitting sensor profiles.

SPECIFICATIONS

Power supply	120~480VAC 50/60Hz
Maximum load @-40°F ~ +158°F (-40°C ~ +70°C)	Tungsten -800W@120V/1200W@277V Electronic Ballast - 8A@120V/5A@277V/5A@347V Standard ballast - 5A@480V
Detection radius/angle	Max 26.2ft.(8m)/360°
Mounting height	Max 40ft.(12m)
Time setting	10sec.-30min. (adjustable)
Light-control	10-2000Lux (adjustable)
Humidity	Max. 95% RH
Temperature	-40°F ~ +158°F (-40°C ~ +70°C)

⚠ NOTE

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

NOTE: Factory Default Setting: 100% sensitivity, Hold on time: 10seconds, daylight sensor is disable.

NOTE: Any setting changed by DIP Switch, the led light that sensor connect will on/off as confirm.

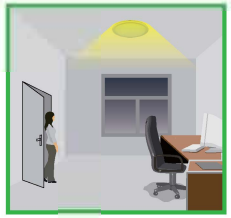
■ Passive Infrared Fixture Integrated Sensor
BRI812P-D-A-O/BRI812P-D-B-O Instruction

FUNCTION AND OPTIONS

The sensor is a motion-sensitive switch that controls lighting.Lights go on when people are around and off when no one is around. The sensor has a built-in light sense and only works if the ambient brightness is lower than the light sense setting.



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

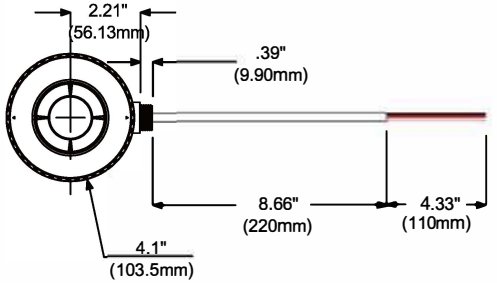


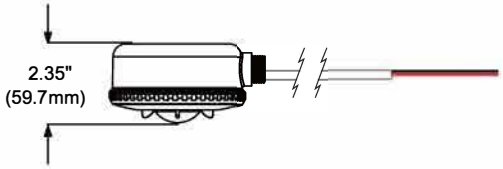
With insufficient natural light, the sensor switches on the light automatically when presence is detected.



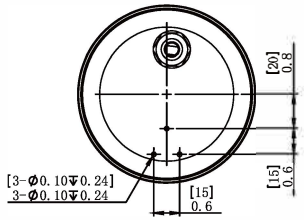
Light switches off automatically after the hold-time elapses.

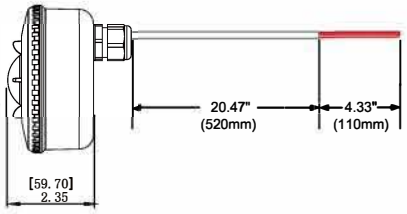
DIMENSIONS





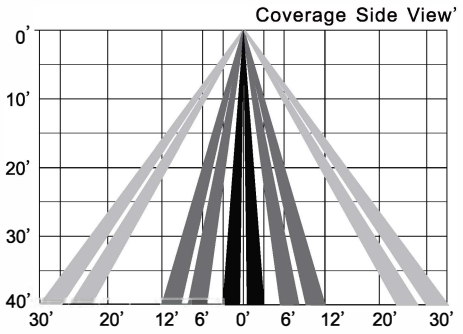
BRI812P-D-A-O-Lxdimensions

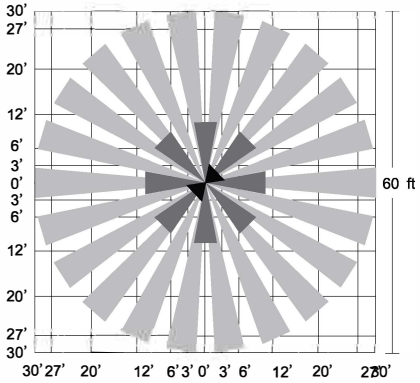




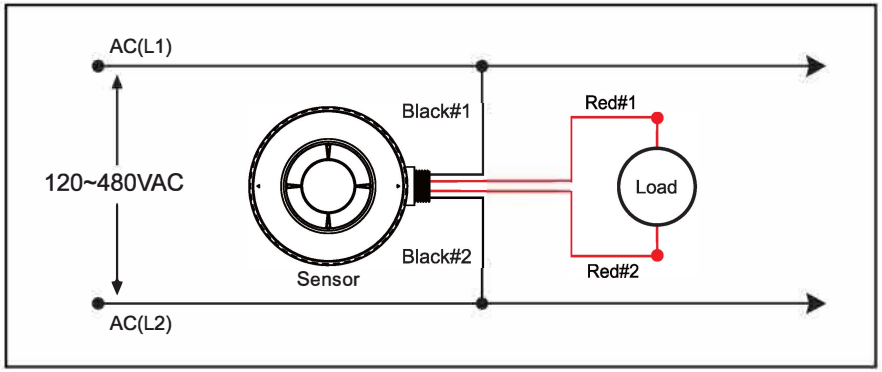
BRI812P-D-B-OLxdimensions

SENSOR INFORMATION



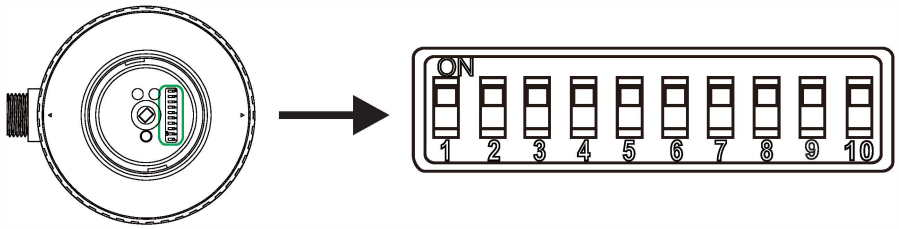


BRI812P-D-A-O/BRI812P-D-B-O WIRING DIAGRAMS



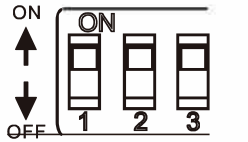
PARAMETER SETTING BY DIP SWITCH

Shown as chart below : By setting the 1, 2, 3 to set the detection range of products , by setting 4, 5, 6, 7 to set the delay time of products, by setting the 8, 9, 10 to set the light-control of products.



Detection Range Setting (sensitivity)

Detection range is the term used to describe the raduis of the more or less circular detection zone produced on the ground after mounting the sensor light at a height of40ft, 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:

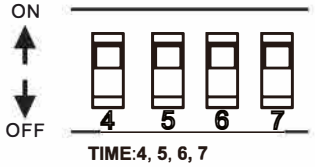


SENSITIVITY:1, 2, 3

SENSITIVITY 1	2	3	
↓	↓	↓	20%
↓	↑	↑	50%
↑	↓	↑	75%
↑	↑	↑	100%

Hold Time Setting

The light can be set to stay ON for any period of time between approx.10sec and a maximum of 30min. 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 hold time of the corresponding table is as follows:

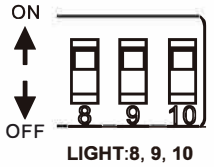


TIME:4, 5, 6, 7

TIME 4	5	6	7	
↓	↓	↓	↓	10S
↓	↓	↓	↑	1Min
↓	↑	↓	↓	5Min
↓	↑	↓	↑	10Min
↑	↓	↓	↑	30Min

Light-control Setting

The chosen light response threshold can be infinitely from approx. 10-300lux, 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:



LIGHT:8, 9, 10

LIGHT 8	9	10	
↓	↓	↓	☼ (light sensor disable)
↓	↓	↑	10Lux
↓	↑	↑	50Lux
↑	↑	↓	300Lux

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