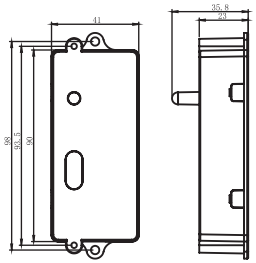
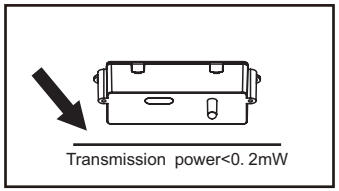


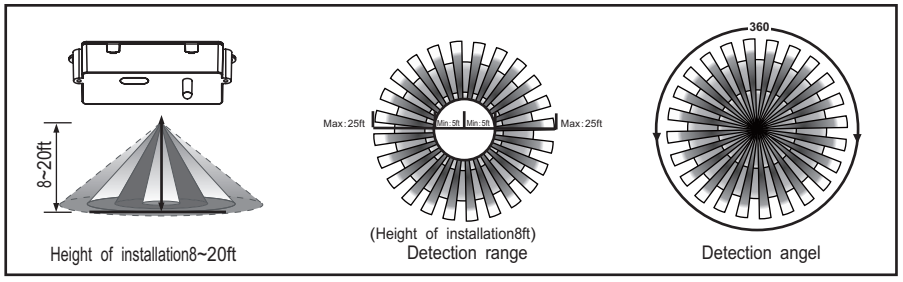
SPECIFICATIONS

Power supply	120-277VAC
Maximum load @ -40°F ~ 158°F (-40°C ~ 70°C)	Resistive/Tungsten - 600W@120V Ballast Electronic (LED) - 800/1200VA@120/277V
HF System	5.8GHz CW
Dim control output	0-10V, max. 25mA sinking current
Detection radius/angle	Max meters/360°
Mounting height	Max 20ft
Remote range	33ft. (10m) indoor, no backlight
Humidity	Max. 95% RH
Temperature	-104°F ~ 158°F (-40°C ~ 70°C)

NOTE: The high-frequency output of this sensor is <0. 2mW-that is just one 5000th of the transmission power of a mobile phone or the output of a microwave oven.



SENSOR INFORMATION



■ Photoelectric And Microwave Motion Sensor Switches
BRI810 instruction

UTILIZING FIELD AND INTRODUCTION

BRI810 is a moving object sensor that can detect range of 360° and it' s working frequency is 5. 8GHz. The advantage of this product is stable working state (stable working temperature: -15°C~+70°C), BRI810 adopts a microwave sensor(high-frequency output<0.2mW),so that it is safe and performs better than infrared sensor.

FUNCTION AND OPTIONS

If offers 4 levels of the light Control : dimming light(0,10%,20%, 30%)--100%--dimming light (0,10%,20%,30%)--off periods of selectable waiting time:motion holdtime and 24hours, selectable daylight threashold,and freedom of detection ara.
If natral light lower Light-control setting (10Lux,30Lux,50Lux),the light will not automatically on (0,10%,20%,30%). When person enter in the room,the light will on 100%,after person left the room,the room enter in semi bright brightness after hold on time.

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

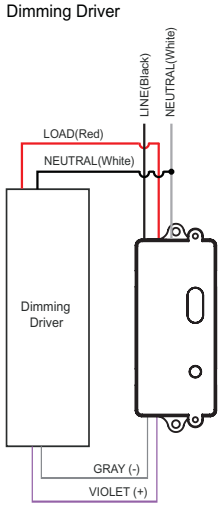
With insufficient natural light, the sensor switches on the light automatically when person enters the (options) standby level after the room.The lamp never switch off with presence, even the nature light is sufficient.

People left, light still dims to 0/10%/20%/30% (options) standby level after the hold time.

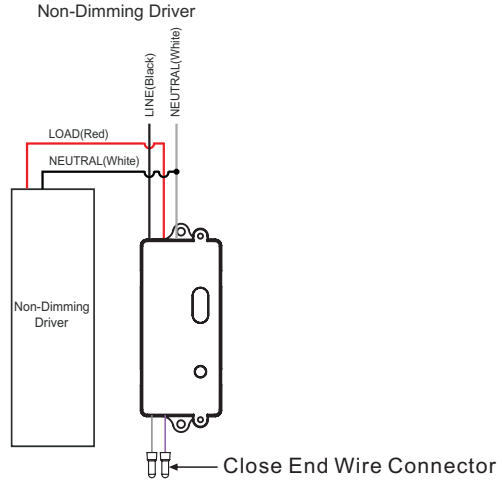
Light switches off automatically after the dimming time elapsed.

WIRING DIAGRAMS

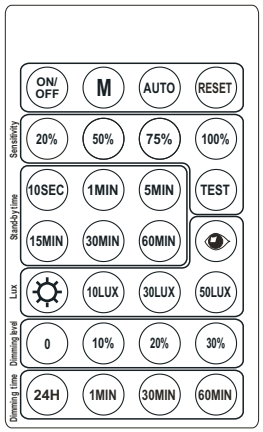
BRI810 wiring with dimming ballast or LED driver.



BRI810 wiring with non-dimming ballast or LED driver.

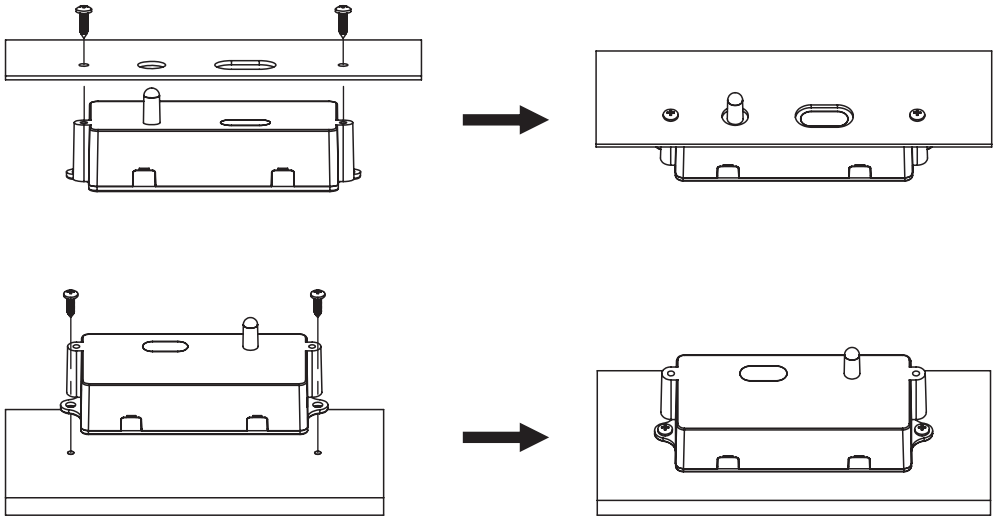


SETTING BY REMOTE CONTROL



ON/OFF	Press the on/off button,the light goes to permanent or permanent off mode,sensor is disabled.	TEST	This button test 2s is for testing prupose only.the sensor goes to test mode(hold time 2s) automatically after commissioning, meanwhile the stand-by period and daylight sensor are diabled.
M	Memory the paraments		
AUTO	Press auto mode button,the sensor starts to work and all settings remain the same as the latest status before the light was switched on/off.	RESET	One touch button, the default is 75% 10SEC 20% 24H
20% 50% 75% 100%	Sensitivity	10SEC 10MIN 20MIN 30MIN	Hold-time
	Press this button,the latest surounding lux value overwrites previous lux value learned,and is set as the daylight threshold. This feture enables the fixture to function well in any real application circumstance.	10 Lux 30 Lux 50 Lux	Press the buttons of the daylight sensor to set daylight threshold at 10lux/30lux/50lux/ (for daylight sensor disabled).
0 10% 20% 30%	Stand-by dimming level	24H 1MIN 30MIN 60MIN	Stand-by period(note:24H is never off)

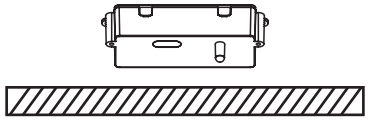
INSTALLATION



This product can be utilized in more fields than the above examples.
You can also install BRI810 alone to act intelligent switch to control other load.

Warning!

The product can not work normally if there is metal material in front of the Installed place.



when the sensor is installed inside the ceiling floor, the sensitivity to light will be invalid.

This product will be faithfully waiting for you. It will turn on the light automatically when you pass by,and turn off the light automatically when you leave off. You can set the closing delay time to meet your needs. For example,you may adjust the delay time 10sec~60min when you think you will come back in 60mins.

Warning! The following situation will lead to misoperation

1. Being installed in the rocking object will lead to misoperation.
2. The shaking curtain which is blown by wind will lead to misoperation, please select the suitable installed place.
3. Being installed in the place where the traffic is busy will lead to misoperation.
4. It will lead to misoperation when there are sparks produced by some equipment nearby.

FCC STATEMENT

1. 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.
(2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver.Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.Consult the dealer or an experienced radio/TV technician for help.

c UL us LISTED E484113

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