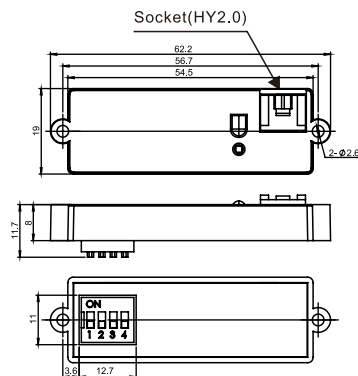
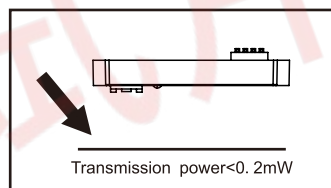




SPECIFICATIONS

Power supply	12V DC, >50mA
HF System	5.8GHz+75MHz
Dim control output	0-10V, max. 25mA sinking current
Detection radius/angle	Max 16ft.(5m)/360°
Mounting height	Max.12ft(4m)
Humidity	Max. 95% RH
Temperature	-40°F ~158°F (-40° ~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.



WARNING

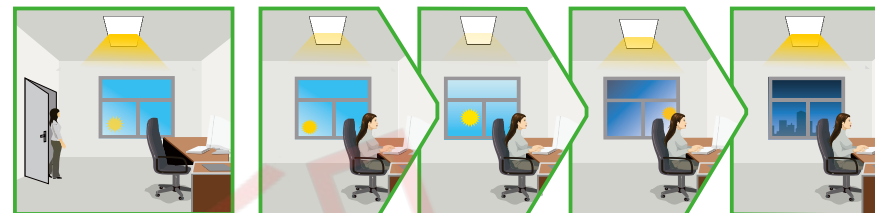
NOTE: Warm up time is 15seconds. After the sensor connects input power first time, the light will keep on 15 seconds, then go to dimming to work normally, the dimming brightness is 30%.

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

UTILIZING FIELD AND INTRODUCTION

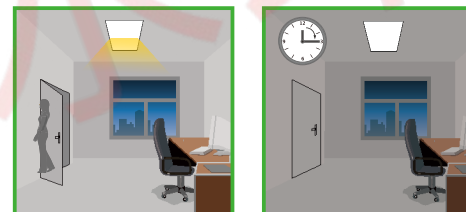
is a moving object sensor that can detect range of 360° and it's working frequency is 5.8GHz. The advantage of this product is stable working state (stable working temperature: -40°C~+70°C), adopts a microwave sensor(high-frequency output <0.2mW),so that it is safe and performs better than infrared sensor.

DAYLIGHT HARVESTING FUNCTION



When the natural light is sufficient or dark, movement is detected and the light will turn on and maintain to the fc level.

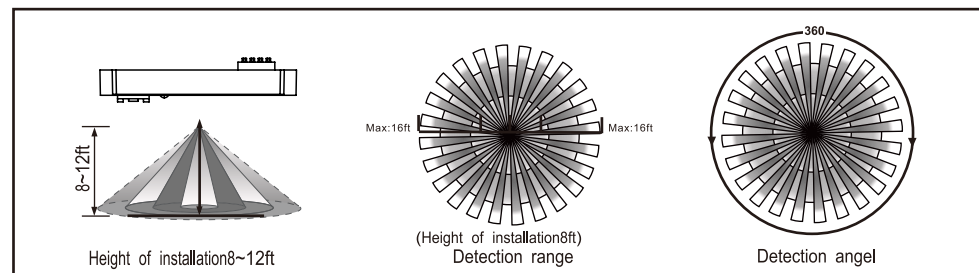
The light turns on at full or dims to maintain the fc level. The light output regulates according to the level of natural light available.



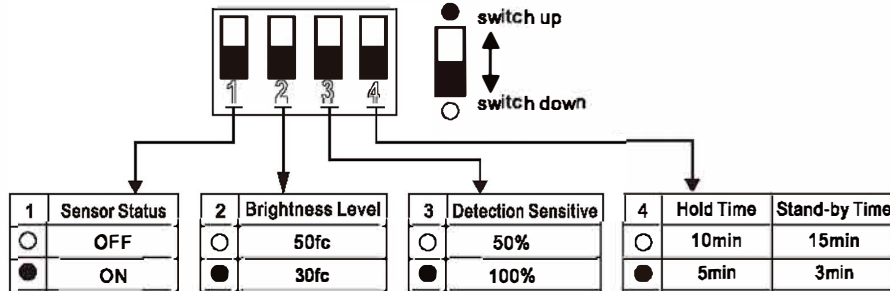
The light dims to stand-by period after 5min(or 10min) hold-time and stays on 30% power level.

The light switches off completely after 3min(or 15min)the stand-by period.

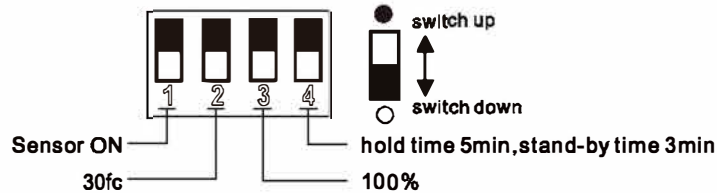
SENSOR COVERAGE



DIP SWITCH SETTINGS



Default



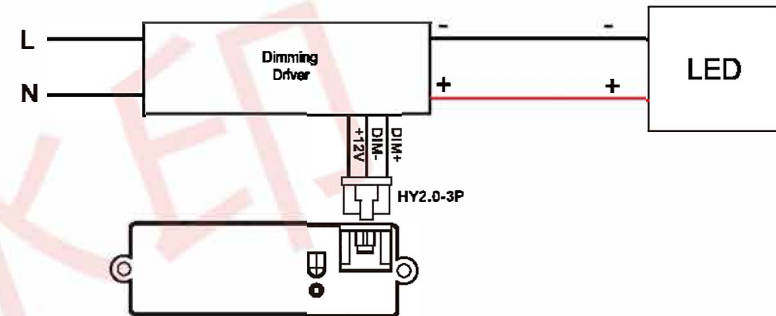
Position #1	Sensor Status	Description
ON	Sensor ON	Sensor operating, detects moving object light stay on, no moving object light will go into standby mode, after a period time of standby mode, light will off.
OFF	Sensor OFF	Deactivated sensor function, light will keep on.

Position #2	Brightness Level	Description
ON	Higher brightness (around 50fc)	According to the natural light, the fixture will earlier turn into full power.
OFF	Standard brightness (around 30fc)	According to the natural light, the fixture will later turn into full power.

Position #3	Detection sensitive	Description
ON	Wide-around 34ft diameter detection range	The farther distance that can be detected
OFF	Standard-around 17ft diameter detection range	Standard distance that can be detected

Position #4	Time Level	Description
ON	5mins hold time+ 3mins stand-by time	No moving object detected, light will stay on for 5mins, after 5mins the light will go into 30% brightness stand-by mode, after 3mins stand-by mode the light will turn off. Total 8mins to off.
OFF	10mins hold time+ 15mins stand-by time	No moving object detected, light will stay on for 10mins, after 10mins the light will go into 30% brightness stand-by mode, after 15mins stand-by mode the light will turn off. Total 25mins to off.

WIRING DIAGRAMS



This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- 1) This device may not cause interference.
- 2) This device must accept any interference, including interference that may cause undesired operation of the device.

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 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

1. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body at all times.

2. This device has been evaluated to meet general RF exposure requirements and can be used in mobile exposure conditions without restriction.