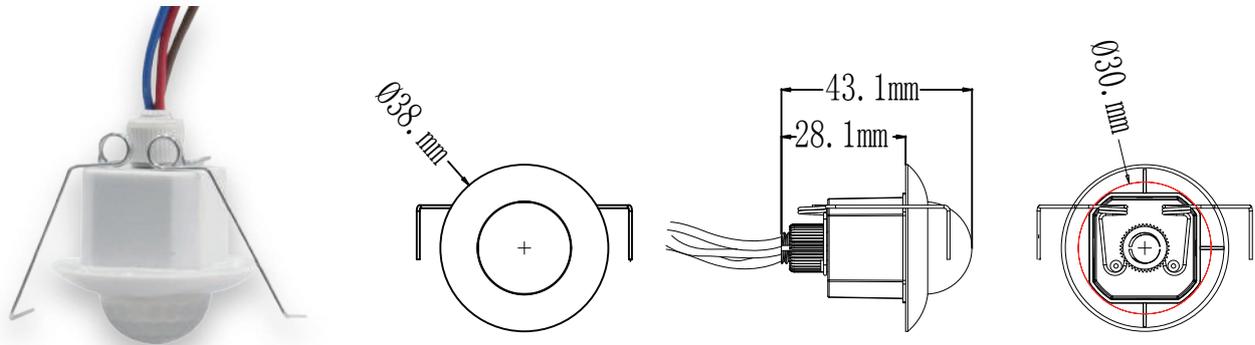


Anti-high current impact versio



Summary

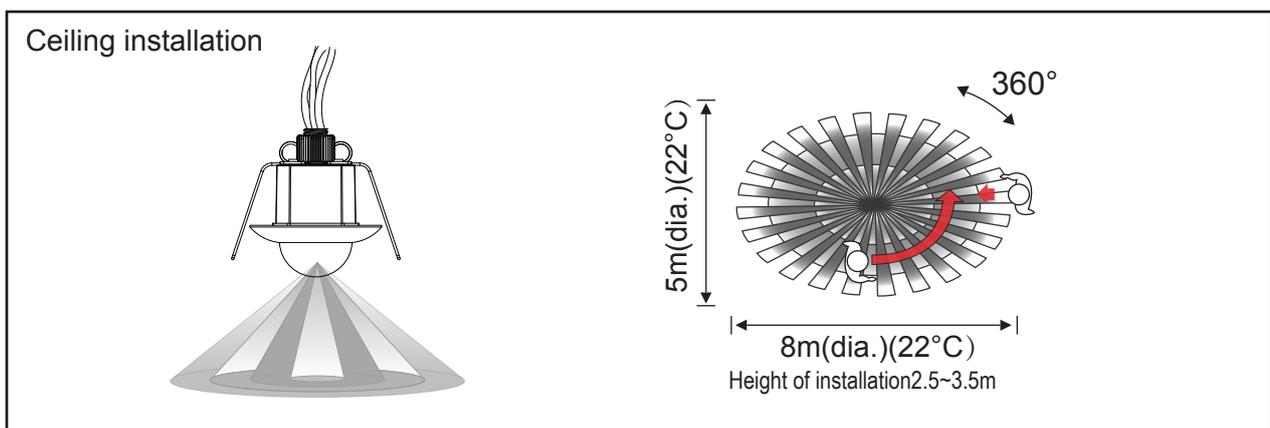
It gathers automatism, convenient safe, saving-energy and practical functions. One detector inside compose a wide range detection field, it utilizes the infrared energy from human as control-signal source, it can start the load at once when one enters detection field. It can identify day and night automatically. It is easy to install and used widely. This is the most advanced PIR sensor so far, which is thin and digital. It adopts the digital intelligent pyroelectric infrared sensor to make the circuit performance more stable, the error operation less, the sensitivity higher, the fault rate lower, the standby power consumption weaker and the resolution to signals stronger.

Specifications

Power source: 100-240VAC, 50/60Hz
 Rated load: 0.5A Max. tungsten. fluorescent & LED
 Light-control: <10LUX
 Detection angle: 360°
 Detection range: 8m(dia.)(22°C)
 Anti-surge current: 100A/200uS

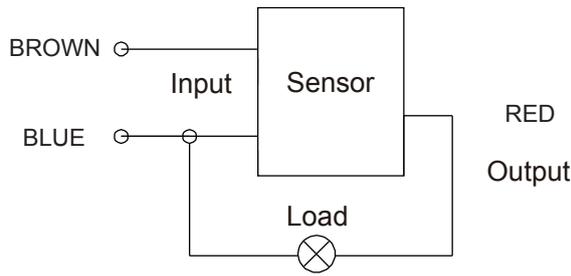
Time setting: 1min
 Installation height: 2.5~3.5m
 Working temperature: -10°C~+40°C
 Working humidity: <95%RH

Sensor information

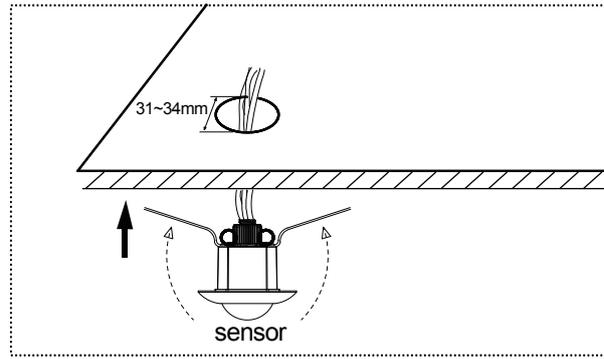


Connection-wire diagram

1. Connect brown and blue with power;
2. Connect red and blue with load.



Installation



! Warning! The following situations will lead to error reaction.

- 1、 Being installed on the rocking object will lead to error reaction.
- 2、 The shaking curtain blown by wind will lead to error reaction. Please select the suitable place to install.
- 3、 Being installed where the traffic is busy will lead to error reaction.
- 4、 The sparks produced by some equipment nearby will lead to error reaction.

Fault and the solution

Fault	Failure cause	Solution
The load fails to work.	Light-illumination is set incorrectly.	Adjust the setting of the load.
	The load is broken.	Change the load.
	The power is off.	Turn the power on.
The load works all the time.	There is a continuous signal in the region of the detection.	Check the settings of the detection area.
The load works when there is no motion signal detected.	The lamp isn't installed well so that sensor fails to detect reliable signals.	Re-adjust the installation place.
	Moving signal is detected by the sensor (movement behind the wall, the movement of small objects, etc.)	Check the settings of the detection area.
The load fails to work when there is motion signal detected.	The motion speed is too fast or the defined detection area is too small.	Check the settings of the detection area.

! Warning!

- Please confirm with professional installation.
- For safety purposes, please cut off power before installation and removal operations.
- Any losses caused by improper operation, the manufacturer does not undertake any responsibility.

We are committed to promoting the product quality and reliability, however, all the electronic components have certain probabilities to become ineffective, which will cause some troubles. When designing, we have paid attention to redundant designs and adopted safety quota to avoid any troubles.

This instruction, without our permission, should not be copied for any other purposes.

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