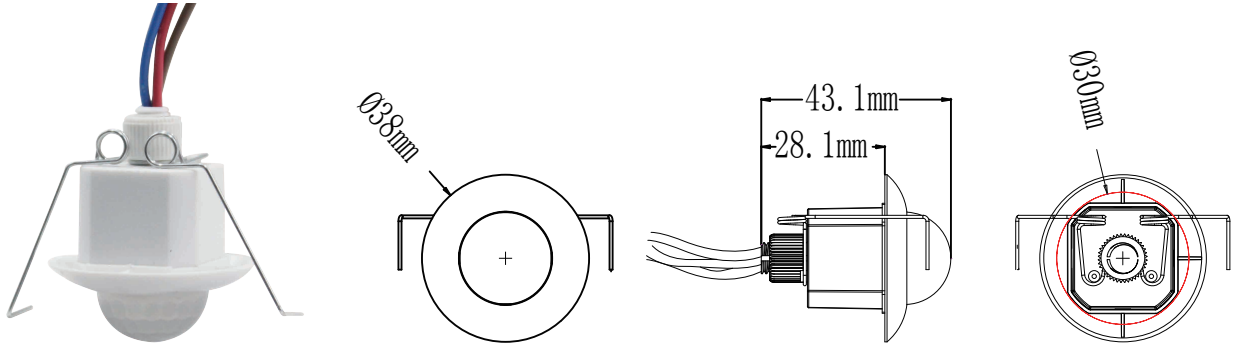


PD-PIRM20Z Infrared Sensor Instruction



Summary

PD-PIRM20Z is a digital technology of the latest version of the infrared sensor. Adopt anti-jamming SMD infrared sensor. The Finier lens is also equipped with a sensing status indicator and a photosensitive sensor.

PD-PIRM20Z adopts digital precise calculation sinusoidal wave zero point switch technology, which has strong impulse current capability and is incomparable with conventional products. Can be attached to any different load. Please refer to the following introduction for details.

Specifications

Power source: 100-240VAC, 50/60Hz

Rated load: 0.5A Max. tungsten. fluorescent & LED

Light-control: <5LUX, <20LUX, <50LUX, all light(adjustable)

Detection angle: 360°

Detection range: 8m(dia.)(22°C)

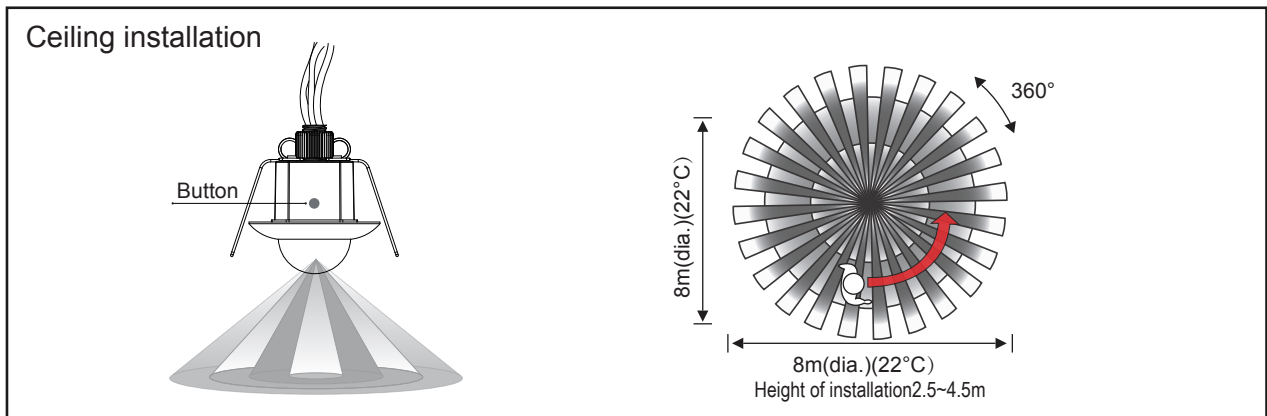
Time setting: impulse, 8s, 1min, 5min(adjustable)

Installation height: 2.5~4.5m

Working temperature: -20°C~+40°C

Working humidity: <95%RH

Sensor information



Button settings

Time setting

Press the button, you can adjust the time setting. At this point, the red indicator light will give corresponding instructions.

In turn: The red indicator light flashes once - impulse

The red indicator light flashes twice - 8s

The red indicator light flashes three times - 1min

The red indicator light flashes four times - 5min

Light-control setting

Long press the button for more than 3 seconds, the blue light will be on, you can adjust the light-control setting. At this point, the blue indicator light will give corresponding instructions.

In turn: The blue indicator light flashes once - <5LUX

The blue indicator light flashes twice - <20LUX

The blue indicator light flashes three times - <50LUX

The blue indicator light flashes four times - all light

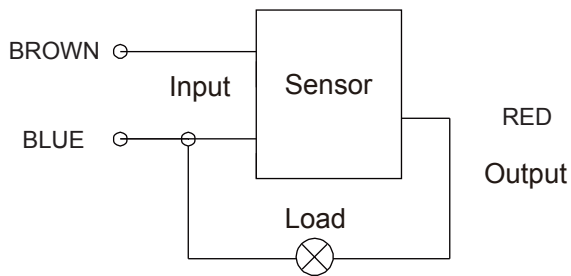
Quick setting

Press and hold the button to make the blue indicator light stay on until it goes out, then release the button (this process takes about 6 seconds), then it will automatically enter the quick setting, the parameter is <5 lux, 5 min. This setting is also the factory setting of the product.

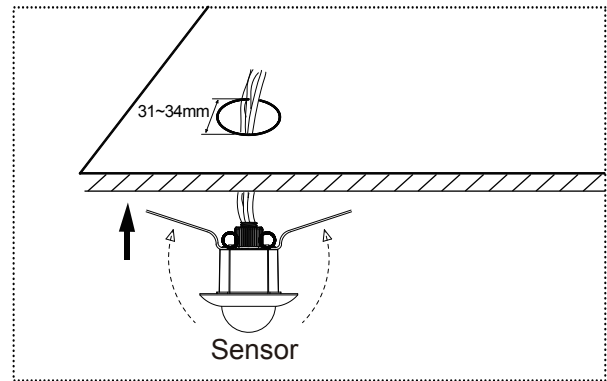
NOTE: 2 seconds after the setting is completed, the red and blue indicator lights will indicate the current setting status of the product. For example, if the red light flashes 2 times and the blue light flashes 3 times, it means that the delay is 8 seconds and the light control value is <50LUX.

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.



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.

This manual is the content of the product programming, we will not notify you separately. It is strictly forbidden to copy the contents of the instruction manual for any other purpose without the permission of the company.