

Description

Infrared Motion Sensor

OR-OB-36B



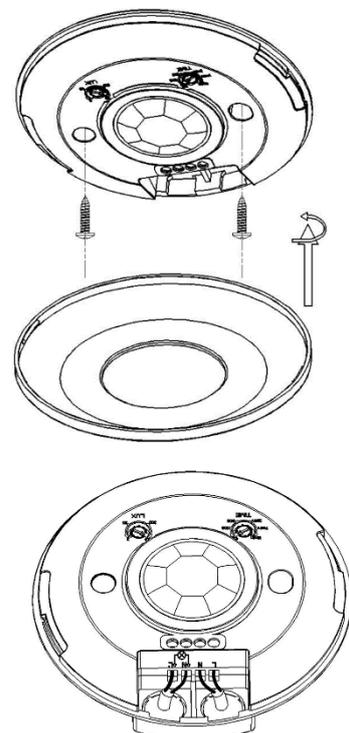
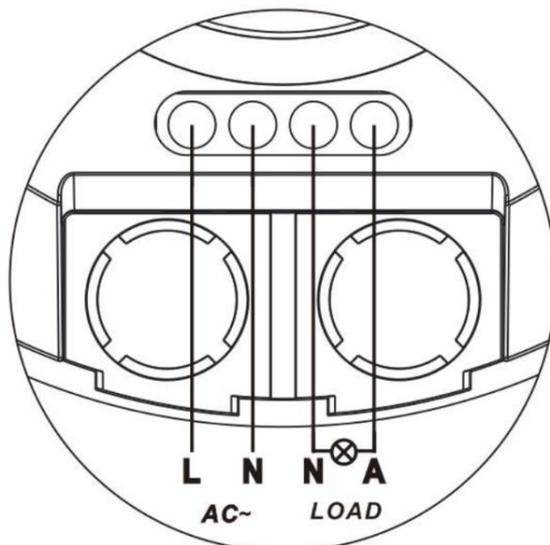
Product front view

Technical Specification

- Power Source: 220-240V/AC
- Power Frequency: 50/60Hz
- Ambient Light: <10-2000LUX (adjustable)
- Time Delay: Min. 10sec±3sec
Max. 7min±2min
- Rated Load: Max. 800W (incandescent)
(lamp type) Max. 400W (energy-saving)
- Detection Range: 360°
- Detection Distance: 6m max (<24°C)
- Working Temperature: -20~+40°C
- Working Humidity: <93%RH
- Power Consumption: ~ 0.5W
- Installation Height: 2.2m- 4m
- Detection Moving Speed: 0.6-1.5m/s

Installation

- Remove cover by twisting the top cover anti-clockwise in order to access wiring terminals and mounting holes
- Wire the AC power and to the load as shown:

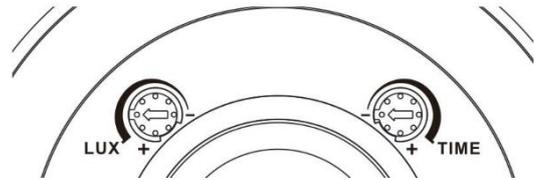


(Wires can enter from the bottom or side)

Adjustments

TIME: Delay switch off after no motion is detected
Fully anti-clockwise (-) delay-off ~10s,
Fully clockwise (+) delay-off ~7min

LUX: Sensor operates when ambient is bright or dark
Fully anti-clockwise (+) ~ 2000 lux (bright)
Fully clockwise (-) ~ <10 lux (dark)



Note: Warm-up time ~30 sec upon sensor powered up

Sensor location

Avoid the following:

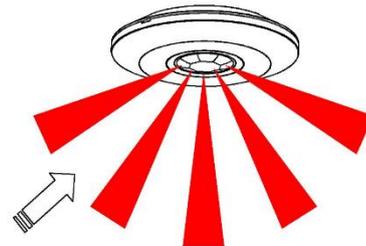
- Pointing the sensor towards objects with highly reflective surfaces, such as mirrors etc.
- Mounting the sensor near heat sources, such as heating vents, air conditioning units, lights, etc.
- Pointing the sensor towards objects that may move in the wind, such as curtains, tall plants, etc.
- Install in high ambient temperature environment such as heated room or room with ovens or heaters.
- Distance between bright light source and sensor should be >0.6m.

Application Note:



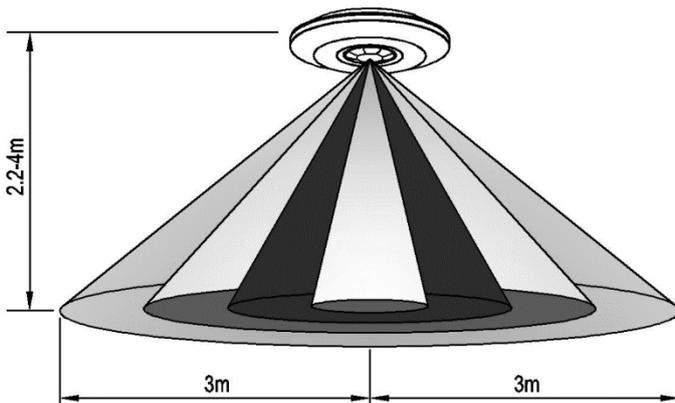
Good sensitivity

– when object moving across sensor

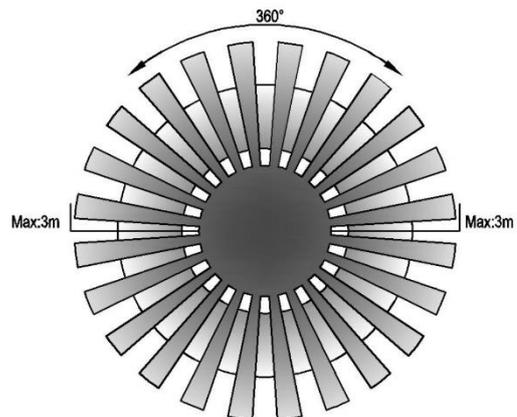


Low sensitivity

– when object moving towards sensor



Installation Height



Detection Range