

Description

Infrared Motion Sensor

OR-OB-15C

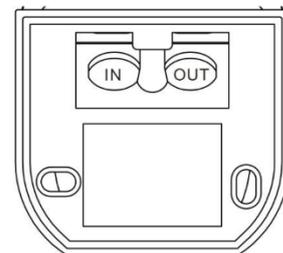
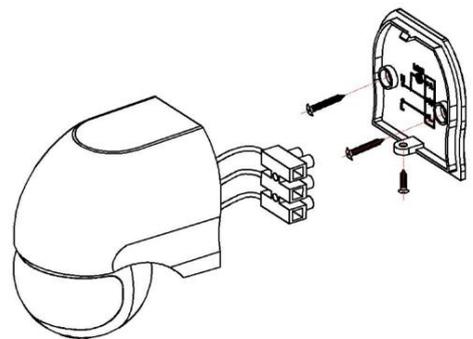
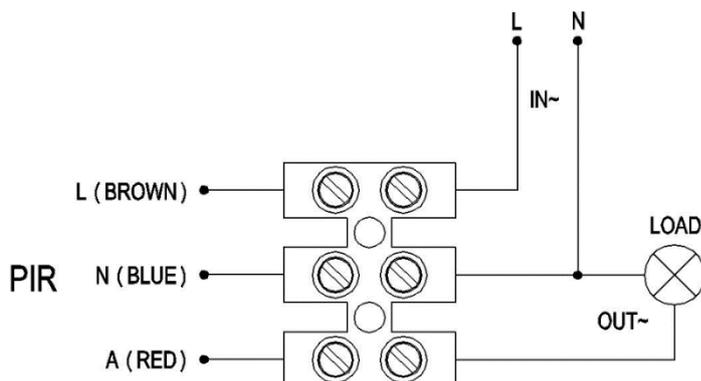


Technical Specification

- Power Source: 220-240V/AC
- Power Frequency: 50Hz
- 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: 180°
- Detection Distance: 12m max (<24°C)
- Working Temperature: -20~+40°C
- Working Humidity: <93%RH
- Power Consumption: ~ 0.45W (activated)
- Power Consumption: ~ 0.1W (standby)
- Installation Height: 1.8- 2.5m
- Detection Moving Speed: 0.6-1.5m/s

Installation

- Loosen the screw on the base lid, lift up the screw terminals, pass the power and load cabling through the base lid.
- Wire the AC power to the Sensor (PIR) and to the load as shown:



Cables in/out through the base lid

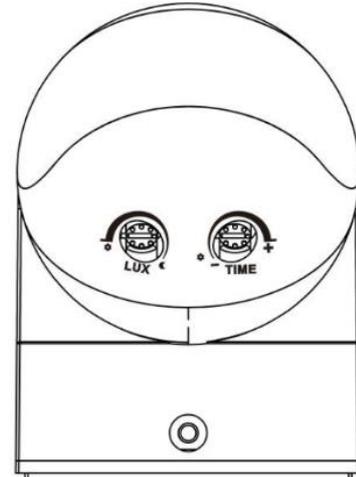
Adjustments

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)

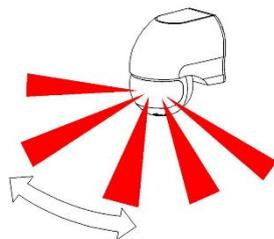
Note: Warm-up time ~30 sec upon sensor powered up



Sensor location

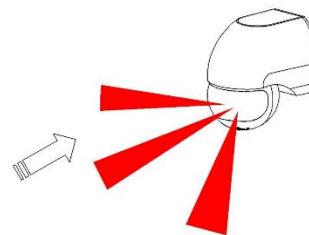
Avoid the following:

- 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.
- High ambient temperature environment such as heated room or room with ovens or heaters.



Good sensitivity

– when object moving across sensor



Low sensitivity

– when object moving towards sensor