

**Read these instructions before installation and retain for future reference.
This equipment should be installed by a competent electrician**



Important Information

We recommend that luminaires are installed by a qualified electrician ensuring the installation complies with current IEE wiring regulations BS7671:2018 & local building control.

- All tests should be carried out in accordance to EN 50172:2004.
- BELL will not accept responsibility for any claims arising from poor installation.

Important User Advice

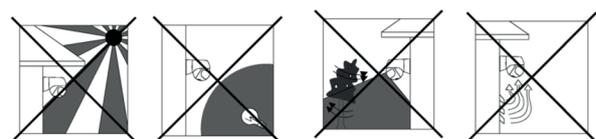
- The ambient temperature should not exceed 45°C.
- Ensure that there is adequate free air ventilation around the fitting.
- Always switch off mains supply before installing.

This product may contain substances that can be hazardous to the environment if not disposed of properly. Electrical and electronic equipment should never be disposed of with general household waste but must be separated for its correct treatment and recovery. Where possible recycle your packaging.



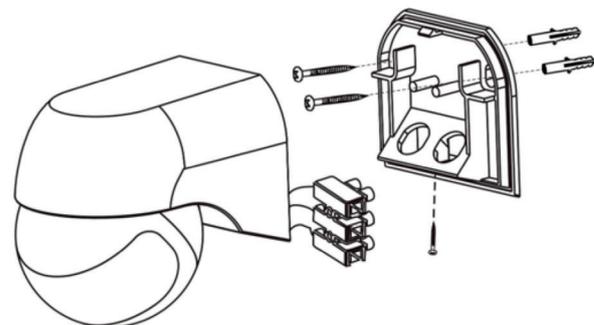
Specification

Power Source: 220-240V/AC
 Detection Range: 180°
 Power Frequency: 50/60Hz
 Detection Distance: 12m max(<24°C)
 Ambient Light: <10-2000LUX (adjustable)
 Working Temperature: -20~+40°C
 Time Delay: Min.10sec ± 3sec
 Working Humidity: <93%RH
 Max.7min ± 2min
 Power Consumption: approx 0.5W
 Installation Height: 1.8-2.5m
 Rated Load: Max.800W
 400W LED
 Detection Moving Speed: 0.6-1.5



Installation

Avoid pointing the detector towards objects with highly reflective surfaces, such as mirrors etc.
 Avoid mounting the detector near heat sources, such as heating vents, air conditioning units, light etc.
 Avoid pointing the detector towards objects that may move in the wind, such as curtains, tall plants etc
 Loosen the screw in the back and remove the bottom.
 Pass the power cable through gasket and connect according to the wiring diagram.
 Re-install the back of the sensor.

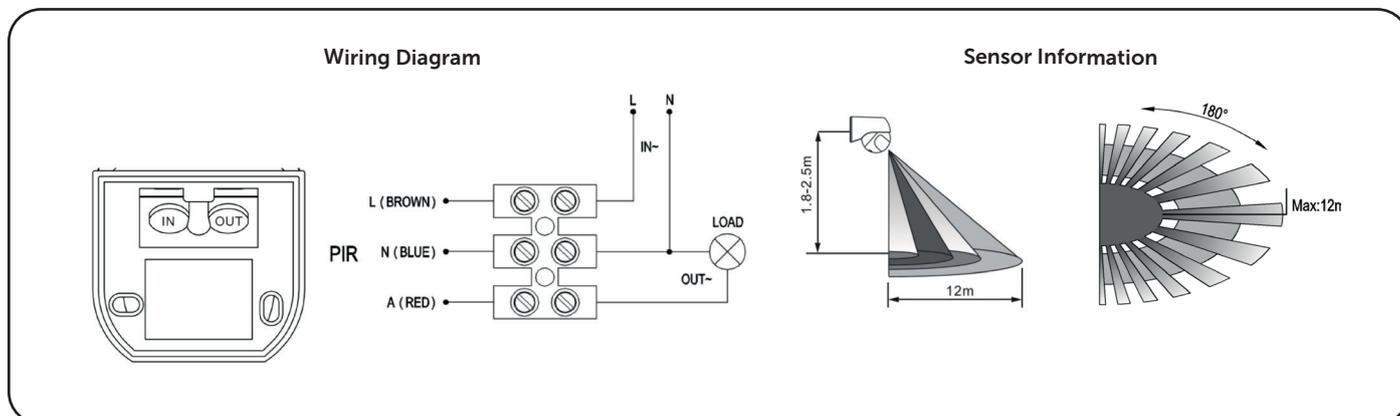




Infrared Motion Sensor

Code: 70401/70402

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Test

Turn the TIME knob anti-clockwise on the minimum (10s). Turn the LUX knob clockwise on the maximum (sun).

Switch on the power; the sensor and its connected lamp will have no signal at the beginning. After Warm-up 30sec, the sensor will start to work. If the sensor sees movement, the lamp will turn on. With no movement, the load should stop working within $10\text{sec} \pm 3\text{sec}$ and the lamp would turn off.

Turn LUX knob anti-clockwise to the minimum (-). If the ambient light is more than 10LUX, the sensor would not work and the lamp stop working too. If the ambient light is less than 10LUX (darkness), the sensor would work. With no movement, the sensor should stop working within $10\text{sec} \pm 3\text{sec}$.

Note: when testing in daylight, please turn LUX knob to (SUN) position, otherwise the sensor lamp will not work!

Installation Height: 1.8-2.5m
Detection Distance: Max.12m