

**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

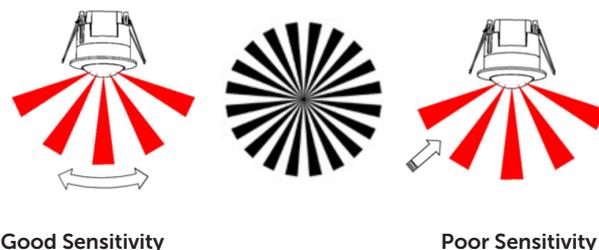
- The ambient temperature should not exceed 40°C.
- Ensure that there is adequate free air ventilation around the fitting.
- Always switch off mains supply before installing.



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: 360°
 Power Frequency: 50/60Hz
 Detection Distance: 6m max(<24°C)
 Ambient Light: <10-2000LUX (adjustable)
 Working Humidity: <93%RH
 Working Temperature: -20°~40°
 Time Delay: Min.10sec±3sec Max. 7min±2min
 Power Consumption: approx 0.5W
 Installation Height: 2-2.4m
 Rated Load: Max.1200W LED 300W
 Detection Moving Speed: 0.6-1.5m/s

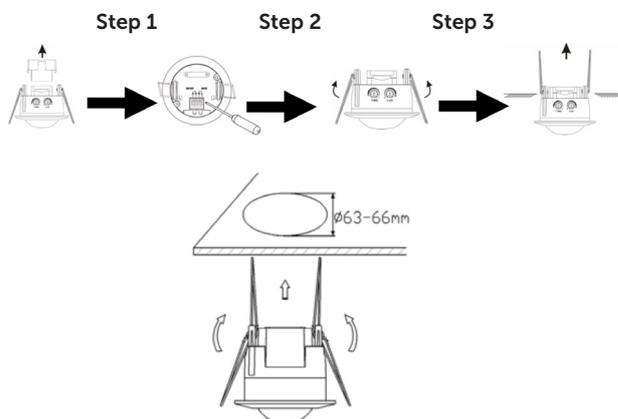


Installation Advice

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.
 Avoid pointing the detector towards objects that may move in the wind, such as curtains, tall plants etc.

Installation

Remove the transparent vinyl cover which is at the bottom of the sensor.
 Loosen the screws in the connection terminal, and then connect the power according to the wiring diagram.
 Replace the transparent vinyl cover into the original location.
 Fold the metal spring of the sensor upwards, until they are in "I" position with sensor, and then put the sensor into the hole.
 Releasing the spring, the sensor will be set in this installation position.
 After finishing installing, turn on the power and then test it.



Date	Revision
7.1.25	1



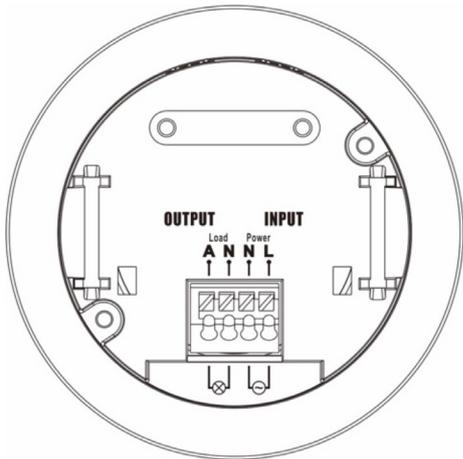
Infrared Motion Sensor

Code: 70407

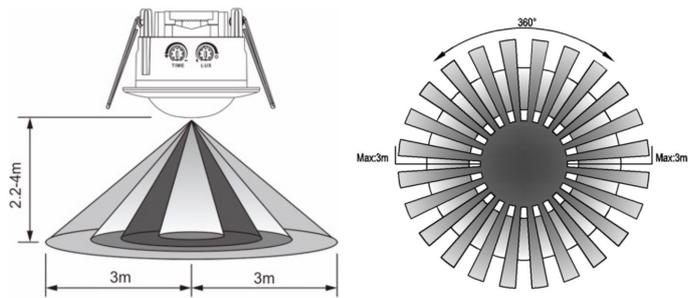
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Wiring Diagram



Sensor Information



**Installation Height: 2-2.4m
Detection Distance: Max.6m**

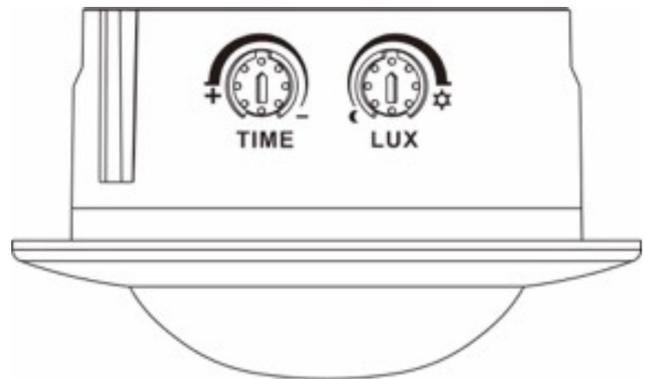
Test

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 a warm-up time of 30sec, the sensor will work. If the sensor detects movement, the lamp will turn on. While there is no movement, the load should stop working within 10sec±3sec and the lamp will turn off.

Turn the LUX knob anti-clockwise on the minimum (-). If the ambient light is more than 3LUX, the sensor will not work and the lamp stops working too. If the ambient light is less than 10LUX (darkness), the sensor would work. With no movement, the sensor should stop working within 10sec±3sec.

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



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