

# Wall mounted PIR

Installation instructions for LEV68003 stand alone detector



## Warnings & Cautions

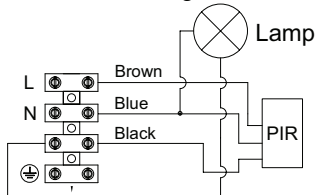
- To avoid electric shock, serious injury or property damage, isolate power before installing, removing or servicing the product.
- It is recommended that this product is installed by a qualified electrician to ensure the installation complies with the local current wiring regulations.
- Any broken or damaged parts should be replaced as soon as possible.
- JCC will not accept responsibility for claims arising from sub-standard installations; which will void the warranty.
- This product is designed for connection to a 240V~ 50Hz.
- It may be necessary to upgrade your MCBs to allow for increased inrush current.
- Do not install in areas that are exposed to continual running water or prone to flooding.
- Ensure that the mounting surface is both flat and stable.
- Never remove the lens cover as this will damage the sensor & render all warranties invalid.
- Suitable for 1000W halogen only & 300W for LED or CFL only.

## INSTALLATION

ENGLISH

240V~ 50Hz Class I

Fig. 1 Circuit Diagram



### PIR Specification

Time Delay: Max. 10+5sec. ~4+1min.  
Detection Distance\*: Max. 12+2m  
Detection Range: 180°  
Installation Height: 2.5m Max.

\*Detection distance will vary, depending on installation height

Available finishes: Black & White

- Read instructions and check that you have all of the tools and accessories required to complete the installation correctly. Isolate power supply before starting the installation.

Fig. 2

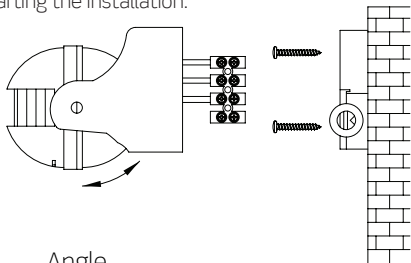


Fig. 4

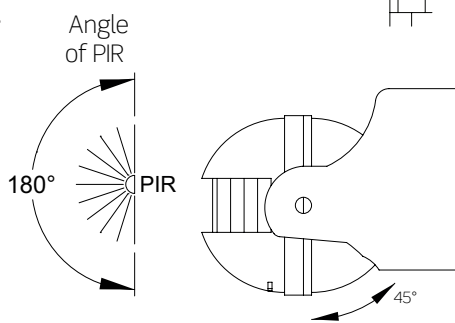
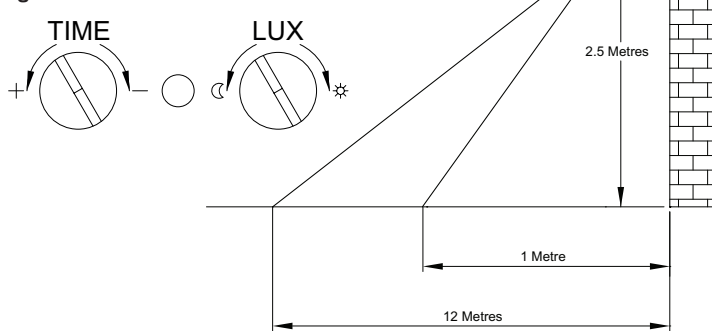


Fig. 5



### General Maintenance

JCC recommends that all exterior products, especially those with stainless steel components are cleaned with warm water and dried with a chamois leather or absorbent dry cloth. Weathering, environmental pollution and bird droppings should be cleaned off with a non-abrasive cleaner suitable for the material type. To preserve the finish of the product, clean every two to three months. After installation is complete, then bi-annually, grease or lubricate removable fixings, to help ensure maintenance is trouble free.

### Installation

- Remove the two screws securing back plate.
- Use back plate as a template to mark the holes for the fixings supplied and secure to the desired location. See fig.2.
- Feed power supply through the IP rated grommet and terminate wiring as per Fig.1.
- Replace main cover and check for operation as shown below.
- Once powered the PIR will operate; which is indicated by the attached luminaire flashing three times prior to going in to auto mode.

### Positioning The Unit (Fig. 3)

- When selecting the mounting position take into account the following points:
- The sensor is designed for optimum performance when mounted 2.5 meters above ground level.
  - Avoid positioning close to trees or shrubs; which may cause false triggering during windy weather.
  - Avoid pointing at or positioning close to heat sources such as flu's of heat extraction units; which may cause false triggering.
  - Avoid positioning too close to bright lights, the unit will not function when setting LUX level to dark.
  - The sensor is most sensitive to movement across the detection area as opposed to directly towards or away from the unit.

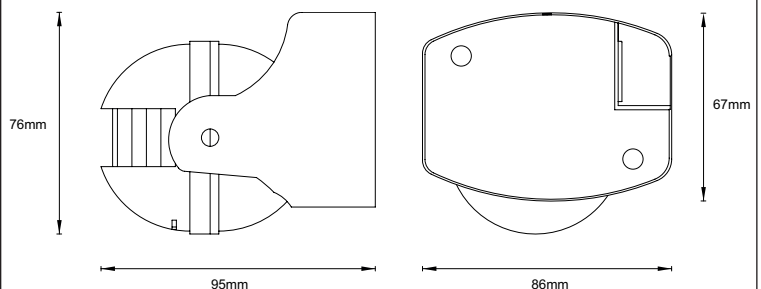
### The Field of Detection (Fig. 4)

The field of detection can be adjusted 45° in a vertical direction. By means of adjustment the permanent 180° field of detection can be directed to avoid any false detections from neighbouring grounds or streets.

### Operation Mode & Adjusting (Fig. 5)

- ADJUSTING THE LUX CONTROL LEVEL:** The LUX control module has a built in sensing device (photocell) that detects daylight and darkness by rotating the LUX knob clockwise or anti clockwise/dark to light, you can set unit to the desired LUX level. Note: Wait for 5 - 10 seconds for the stability of the photocell (CDS) when adjusting the LUX level.
- ADJUSTING THE DURATION TIME:** The length of time sensor remains on after activation can be adjusted from (10±5seconds to 4±1minutes). Rotate the TIME knob to increase or decrease the duration time. Note: Once the load has been triggered by the PIR detector any subsequent detection will restart the time period.
- The PIR detector will change to MANUAL MODE from AUTO MODE by effective override switching (ON / OFF mains switch twice within 3 secs).  
**MANUAL MODE:** This will stay in this mode for up to 8 hours. Turn off the override switch for more than 3 mins to begin new process for MODE CHANGE.

### Profile & Dimensions



### Important warranty information

This product is supported by a 2-year standard warranty. (See website for terms and conditions).

BS EN ISO9001 - 2015 - Registered Firm Certificate No. GB 1552  
JCC Lighting Products Ltd. Lux Park, Chichester Business Park, City Fields Way, Tangmere, Chichester, West Sussex, PO20 2FT

Technical Support: +44(0)1243 838986 Customer Services: +44(0)1243 838999

V5\_Sept\_2022\_RS