

# HOME

## **Stainless Steel PIR Lantern** G03131P



## **Care & Instruction Manual**


Please read and retain these instructions for future reference

This light fitting must be installed in accordance with the Institution of Electrical Engineers (BS 7671) Wiring Regulations and the current Building Regulations. If in any doubt consult a qualified electrician.

## WARNING

- If in doubt about the installation of this light fitting or difficulty is experienced consult a qualified electrician.
- Ensure that the power is switched off at the fuse box, and remove the relevant fuse or circuit breaker before installing this fitting.
- Always use the recommended lamp (bulb) type and do not exceed the maximum wattage.
- If the glass lampshade is damaged, stop use immediately and contact the helpdesk for advice / replacement. Take care when handling glass shade.
- The surfaces of this light fitting and the lamps get hot during use, do not touch. Switch off and allow lantern and lamp to cool fully before replacing the lamp or cleaning the fitting.
- This product should not be modified, any modification may make the fitting unsafe.
- Wear safety goggles and dust mask when drilling.
- The use of a residual current device (RCD) is recommended when working with power tools.
- Always use a suitable platform (e.g. stepladder) when installing this light fitting. Read the manufacturers safety instructions and do not exceed the maximum weight loading for the platform.
- Take care when lifting and installing this light fitting and seek assistance if you find it heavy or cumbersome.

## Explanation of symbols

	This fitting must be connected to an earthed supply.
<b>IP44</b>	Protected against solid objects greater than 1mm. Protected against splashing water

## Selecting a location

1. Select a suitable location for your lantern where it will not cast heavy shadows, obstruct headroom or any outward opening doors.
2. Avoid positions that are exposed to very heavy rain or snow.
3. Ensure that there is sufficient space above the lantern to be able to unscrew and remove the glass cover.
4. The chosen location should allow for the product to be securely mounted and safely connected to the mains supply (lighting circuit). If an existing lighting point is not available, consult a qualified electrician.

## Pack contents

Part	Quantity
Light fitting	1
Fixing screw (Ø4.2 x 35mm)	4
Wall plug (Ø6 x 30mm)	4

## Items required

Light bulb

Drill

6mm masonry drill bit

Small adjustable spanner

Crosshead screwdriver

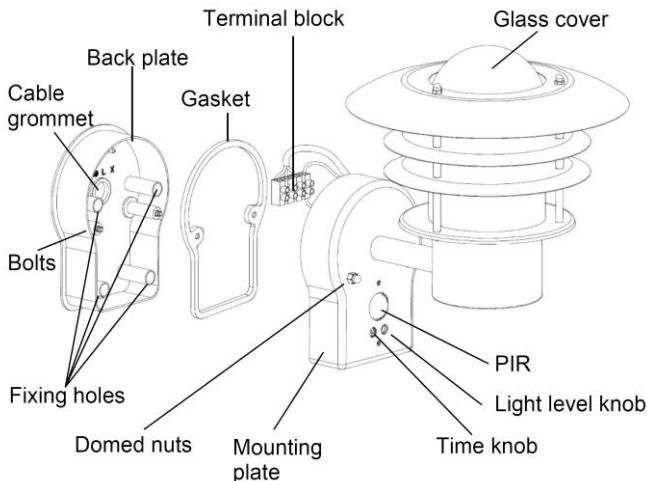
Small electrician's screwdriver

Pencil

Spirit level

Insulation tape (if additional terminal block used)

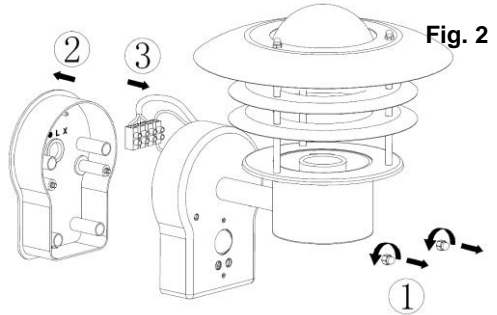
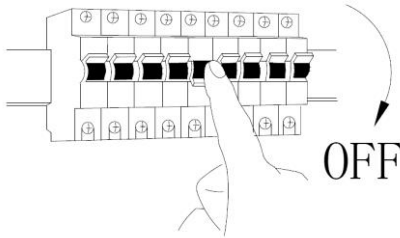
## Parts



## Securing the light fitting to the wall

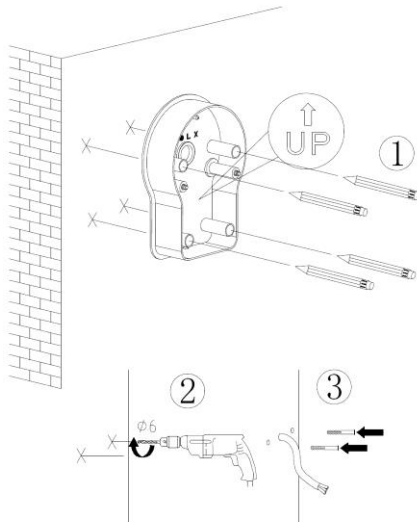
1. Isolate the lighting circuit to be used and remove the circuit fuse or switch off the circuit breaker at the consumer unit (fig.1).
2. Remove any existing light fitting from the wall.
3. Unscrew the domed nuts and separate the back plate from the light fitting. Gently pull the terminal block to separate from the back plate (fig. 2).

Fig. 1



4. Position the back plate in the desired location and check with a spirit level that the straight sides are vertical. Using the back plate as a guide, mark the positions of the holes for the fixing screws and supply cable (fig. 3). Check that there are no buried cables and pipes at these positions.
5. If fixing to a masonry wall, use a 6 mm masonry drill bit and drill fixing holes to a depth of 32 mm and insert the wall plugs into the holes.

Fig. 3



6. Using the point of a bradawl or screwdriver, make a small hole in the centre of the cable grommet and feed the cable and insulation through the grommet (fig. 4).
7. Check the fixing bolts are still in position, before securing the back plate to the wall using the screws supplied (fig. 4).

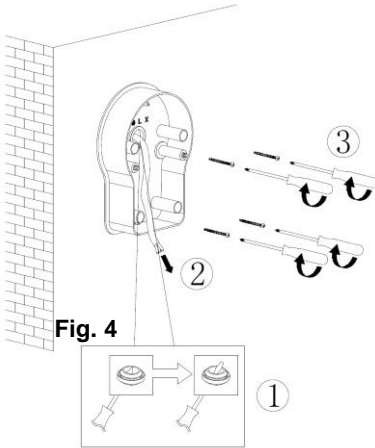


Fig. 4

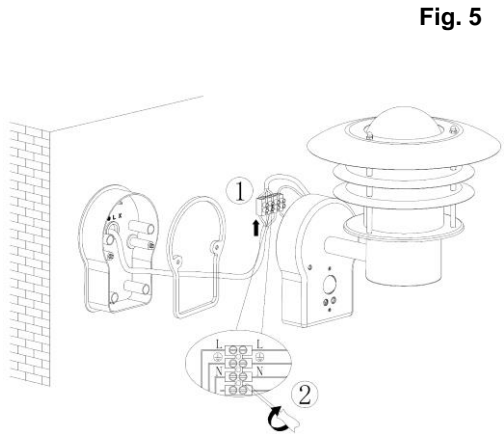


Fig. 5

8. Ensure that gasket is in position and make the electrical connections (fig. 5) - see section 'Connecting to the mains supply'.
9. Ensure that the gasket is fitted onto the rim of the back plate and refit the terminal block. Carefully arrange wires into the back plate recess. Align the holes in the mounting plate with the bolts and secure the light fitting refitting the two domed cap nuts (fig. 6).
10. Fit a suitable bulb (not included) into the lantern (fig. 8 & 9) – see section 'Bulb replacement'.
11. Reconnect to the mains supply.

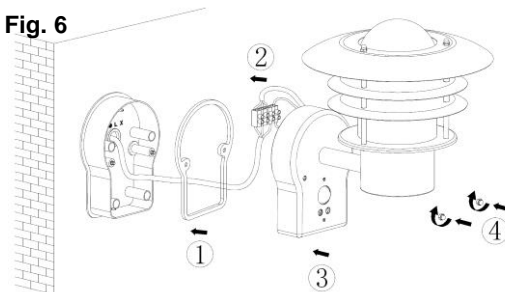


Fig. 6

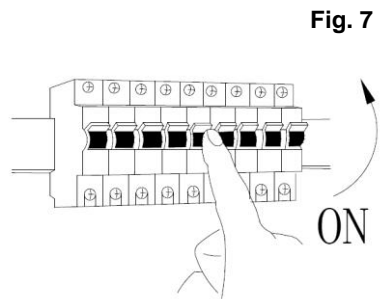


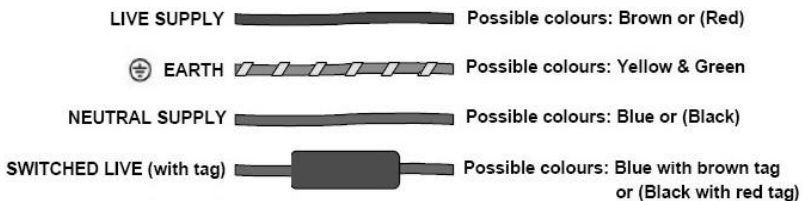
Fig. 7

**Note:**

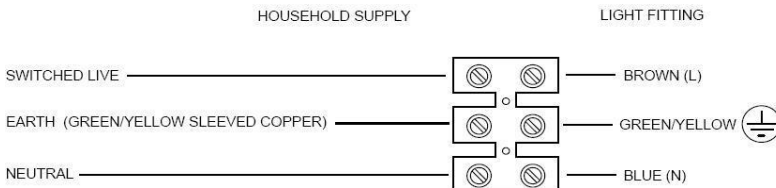
- If fixing to timber surfaces, use a drill bit suitable for wood and do not use the wall plugs.

## Connecting to the mains supply

- Connect this unit to a lighting circuit protected by a 5-Amp fuse or 6-Amp miniature circuit breaker. If this unit is to be connected to a ring main, a fused connection unit fitted with a 3-Amp fuse should be installed.
- The colours of current incoming UK supply cables should conform to those shown below. If the cable colours differ or if tags are missing from switched live ('loop in' wiring systems only), contact a qualified electrician - do not try to identify the cables yourself. Colours indicated in brackets are wiring colours used prior to April 2004.

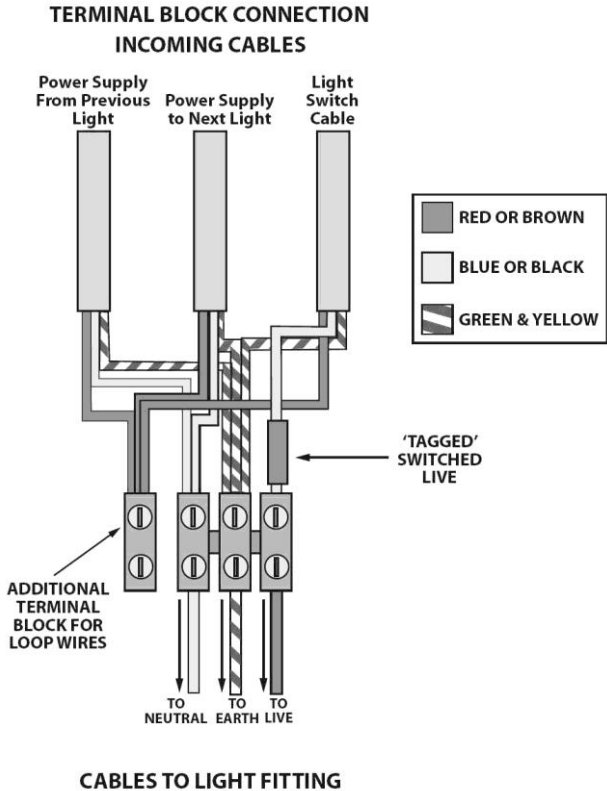


- Incoming cable should be connected into the terminal block as shown below. Ensure that the incoming LIVE supply is connected opposite the terminal marked 'L' and the incoming NEUTRAL supply should be opposite terminal marked 'N'.



- When connecting cables ensure that there are no loose strands coming out of the terminals. Ensure that all terminals are tightened securely to prevent cable being easily / accidentally removed. All non-fixed terminal blocks must be covered in two layers of electrical insulation tape for added security.

- Any existing mounting plate or rose must be removed before installing this fitting. When installing, a 'loop in' wiring system may be encountered. If these are encountered, the wires from the existing rose or loop must be transferred to the terminal block as per the diagram below. It is recommended that a qualified electrician carries this out, only attempt to connect the fitting if electrically competent.



### Notes

- This product must be earthed – if no earth wire is available, consult an electrician.
- All existing earth cables must be connected to the earth terminal to ensure earth continuity throughout your property.

### Fitting and replacing the bulb (not included)

1. Switch off the lantern and allow the fitting to cool completely.
2. Carefully unscrew the glass cover and place to one side (fig. 8). Take care of the glass cover supplied, as replacements are not available.
3. Remove (unscrew) any spent bulb and replace with one of the same type (Max 60W E27 (Edison screw) GLS or 8 – 10 W LED Energy Saving bulb). Handle the new one carefully and screw in firmly, taking care not to cross threads (fig. 9). **Always use the same or lower wattage bulb.** Please use low energy bulbs where possible.
4. Refit the glass cover (fig. 9).

Fig. 8

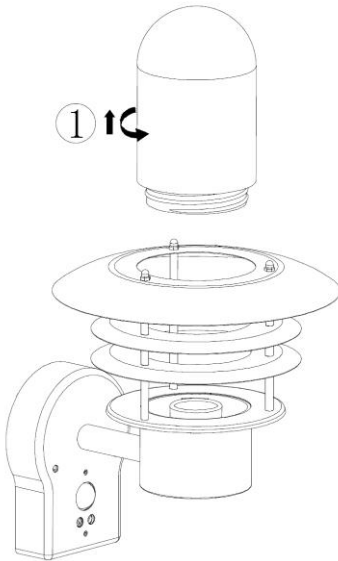
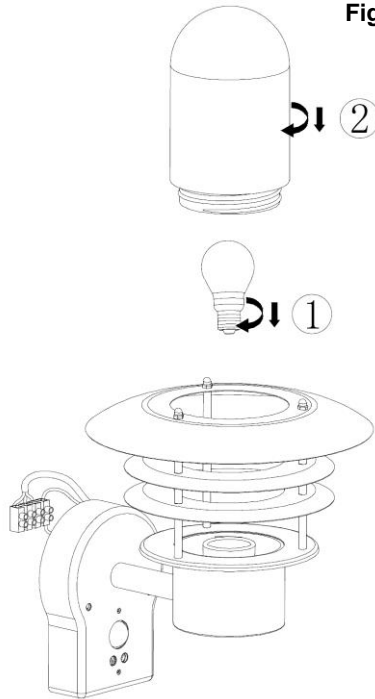


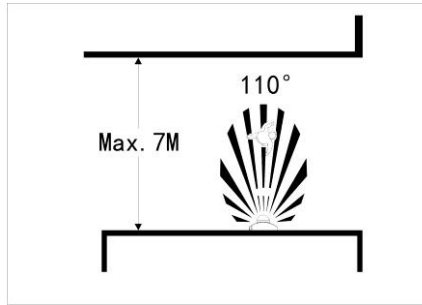
Fig. 9





## Motion detector range

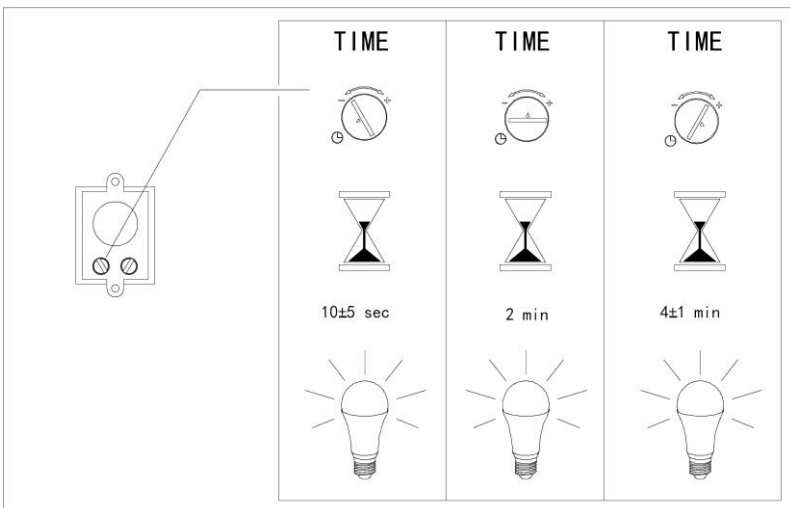
The PIR detects heat or movement in a fan shaped arc of approximately  $110^\circ$  for a distance up to 7 metres. The detection distance will depend on the installation height and the weather conditions. Each time movement is detected the lamp will illuminate.



## Activation time interval

The length of time that the lamp will illuminate can be set between 10 seconds and 5 minutes (from last time movement is detected). Adjust the left hand control using a flat head screwdriver.

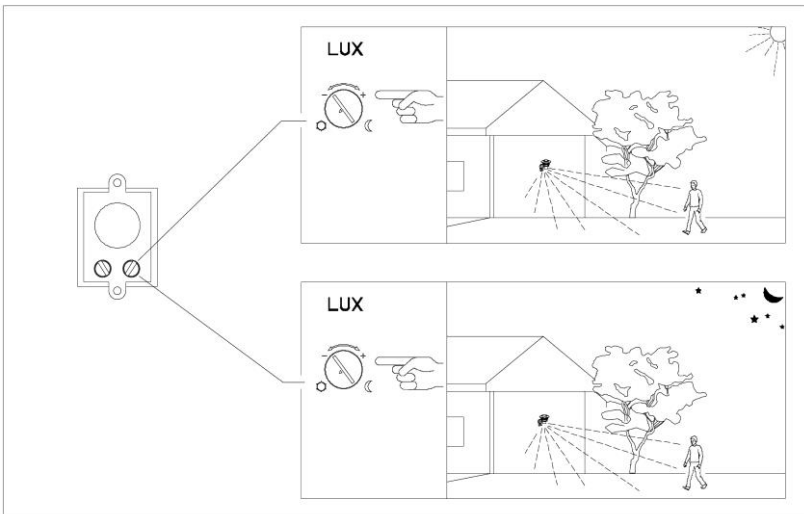
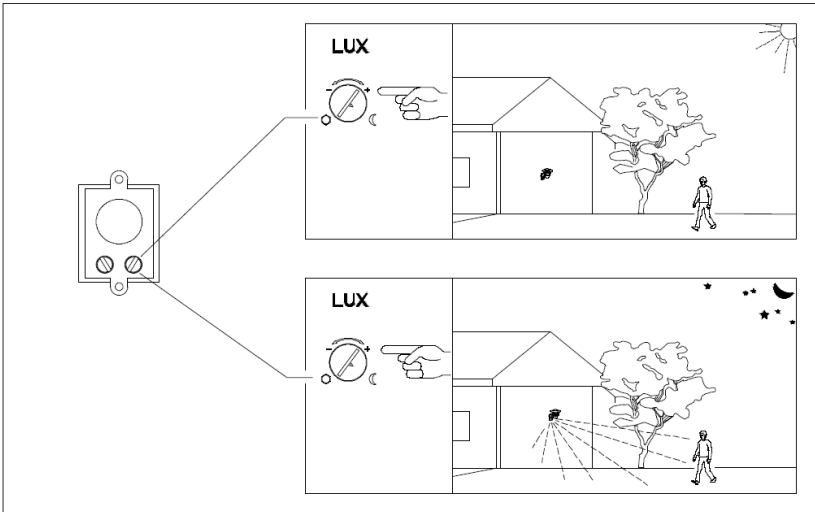
- Turn knob fully anticlockwise for an activation time of 10 seconds
- Turn knob to the midpoint for an activation time of approximately 2 minutes
- Turn knob fully clockwise for an activation time of 5 minutes



## Activation light level

The sensor can be set to activate whenever heat or movement is detected (irrespective of daylight level) or only to operate in the hours of darkness. Adjust the right hand control using a flat head screwdriver.

- Turn knob fully anticlockwise for the sensor to operate in daylight.
- Turn knob to the midpoint for sensor to operate at dusk.
- Turn knob fully clockwise for the sensor to operate only in darkness



## Care instructions

- The glass cover can be removed from the light fitting and washed in warm soapy water. Ensure it is dried thoroughly before refitting. Do not use abrasives as these may scratch the surface.
- Wipe external surfaces of the light fitting with a soft dry or slightly damp cloth. Do not use abrasives as these may scratch the surface and NEVER use a wet cloth or immerse in water.

## Technical specification

Cat No:	8848628
Model	G03131P
Rated voltage	220 - 240V ~ 50Hz
Class rating	1 (earthed)
Recommend bulb wattage	Max 60W ES GLS 8 - 10W ES LED (energy saving)



## Recycling electrical products

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.



If you encounter any problems with this product please call our customer care team on 0345 640 30 30

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