

#### Cleaning:

- > Clean this fitting only with a soft dry cloth
- > Do not use any chemical or abrasive cleaners.

#### Technical Information:

Switching Load: Maximum 5A 1000W Resistive or 300W Fluorescent  
Supply Voltage: 230V 50 Hz  
Time Control: From approx 5 seconds to approx 6 minutes  
LUX Control: Daylight & Night adjustable.  
Detection range: 360° Up to 5 metre radius mounted at 3 metres.  
Mounting Height: 3 metre maximum.  
Protection: Class II

#### Eventually, you may want to replace this fitting:

When your fitting comes to the end of its life or you choose to update or upgrade it by replacing it, please do not dispose of it with your normal household waste, please recycle where facilities exist. When you need to dispose of this fitting, check with your retailer or local authority for suitable options. New regulations will encourage the recycling of Waste from Electrical and Electronic Equipment ( European "WEEE Directive" effective August 2005 ).



#### If you experience problems:

If your PIR360WH is defective or develops a fault, please return it to the place where you bought it. You can call our Helpline for advice. The Helpline will gladly give advice on any aspect of any Eterna Lighting product but may not be able to give specific instructions regarding individual installations.  
**If in doubt, consult a qualified electrician.**

#### Help line:

Tel: 01933 673 144 Fax: 01933 678 083 Email: [sales@eterna-lighting.co.uk](mailto:sales@eterna-lighting.co.uk)  
For answers to frequently asked questions ( FAQs ) and other information visit our web-site  
[www.eterna-lighting.co.uk](http://www.eterna-lighting.co.uk)



# IMPORTANT !

## Safety and Installation instructions

### 360° Indoor PIR Occupancy Detector

Model(s)  
PIR360WH

#### Pack contents:

PIR360WH	1
Screws	2
Wall Plugs	2

**PLEASE READ THESE INSTRUCTIONS BEFORE  
INSTALLING YOUR NEW FITTING**

**PLEASE RETAIN FOR FUTURE REFERENCE**

### Read this first:

- > **This fitting must be installed in accordance with the Building Regulations.** These may be obtained from HMSO or viewed and downloaded from [www.odpm.gov.uk](http://www.odpm.gov.uk) following the link for Building Regulations.
- > **If in any doubt, consult a qualified electrician.**
- > Switch off the mains before commencing installation and remove the appropriate circuit fuse.
- > Do not connect to a circuit which also has inductive loads connected as spikes generated switching inductive loads may damage electronic components within your PIR.
- > Suitable for indoor use only.
- > This product is only suitable for use in living areas ( not for areas constantly subject to moisture ).
- > Before making fixing hole (s), check that there are no obstructions hidden beneath the mounting surface such as pipes or cables.
- > Do not attach to surfaces which are damp, freshly painted or otherwise electrically conductive ( e.g. metallic surfaces).
- > If the location of your new fitting requires the provision of a new electrical supply, the supply must conform with the requirements of the Building Regulations.
- > This product is designed for permanent connection to fixed wiring: this should be either a suitable lighting circuit ( protected with a 5 or 6 Amp MCB or fuse ) or a fused spur ( with a 3 Amp fuse ) via a fused connection unit.
- > Make connections to the electrical supply in accordance with the following code:
  - Live - Brown or Red
  - Neutral - Blue or Black
- > This fitting is double insulated, do not connect any part to earth.
- > You are advised at every stage of your installation to double-check any electrical connections you have made. After you have completed your installation there are electrical tests that should be carried out: these tests are specified in the Wiring Regulations ( BS7671 ) referred to in the Building Regulations. If in doubt, consult a qualified electrician.

### Installation:

- 1) Remove PIR and fixings from the packaging.
- 2) Remove the small screw located in the lens cover taking care not to lose it and put to one side.
- 3) Using the PIR base as a template mark the fixing positions on the mounting surface.
- 4) Pass incoming and load cable through the cable entry suitable for your installation.
- 5) Connect the incoming LIVE to the terminal marked L. Connect the incoming NEUTRAL to the terminal marked N.
- 6) Connect the load LIVE to the terminal Marked L. Connect the load NEUTRAL to the terminal marked N.
- 7) Fit PIR to prepared mounting surface with screws and wall plugs provided.
- 8) Secure cables to cable clamp when entering from the outer rim of the PIR.
- 9) Please check that the wall plugs and screws provided are suitable for your application, if not please discard and use your own fixings.
- 10) Refit the lens cover and secure with the small screw.

Safety markings:



### Walk Testing:

- 1) Before commencing the walk test The LUX dial should be set to the day position (toward the symbol) and the time control to the minimum position (toward the — symbol).
- 2) Walk slowly during the walk testing in order to gain the desired detection area.
- 3) When the walk test is complete set the LUX level & TIME on adjustment controls to the required operating settings.
- 4) Once the PIR detector has been installed the Manual override may be activated by switching the mains OFF/ON twice within 3 Seconds. (The lighting load will flash 3 times to indicate override mode).
- 5) The manual override will keep the lighting load on for approximately 8 hours. If there is no further override operations, the PIR detector will return to auto mode automatically after approximately 8 hours has elapsed. (The lighting load will flash 3 times to indicate the return to auto mode).

### Mode Changing:

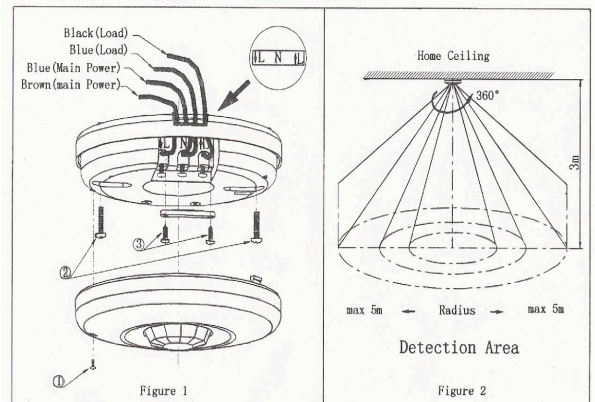
Turn off the Override switch for over 3 seconds and then turn on again, the PIR will begin a new process for mode changing.

### ADJUSTING the LUX CONTROL:

The LUX control has a built in photocell which detects daylight and darkness. Rotate the LUX control to set to the desired level of daylight. Allow approximately 5 seconds for the photocell to stabilise at the desired level.

### ADJUSTING the TIME CONTROL:

The length of time that the switch remains on can be adjusted from approximately (10±5) seconds to approximately 6±1) Minutes. This is adjusted by rotating the time gauge. Once the load has been triggered by the PIR detector, any subsequent movement will start the timed period from the beginning.



PIR-360WH\_360 Indoor PIR Occupancy Detector 050801NB