

## INSTALLATION INSTRUCTIONS

**A guide for qualified electricians**

**Pack contents:**

1 x PIR sensor



### EVENTUALLY, YOU MAY WANT TO REPLACE THIS PRODUCT:

Regulations require the recycling of Waste from Electrical and Electronic Equipment (European “WEEE Directive” effective August 2005—UK WEEE Regulations effective 2nd January 2007). Environment Agency Registered Producer: WEE/ GA0248QZ.

WHEN YOUR PRODUCT COMES TO THE END OF ITS LIFE OR YOU CHOOSE TO REPLACE IT, PLEASE RECYCLE IT WHERE FACILITIES EXIST - DO NOT DISPOSE WITH HOUSEHOLD WASTE.

### CLEANING:

Clean this fitting only with a soft dry cloth.

Do not use any chemical or abrasive cleaners.

### IF YOU EXPERIENCE PROBLEMS:

If you believe your product is defective, please return it to the place where you bought it. Our Technical Team will gladly advise on any Eterna Lighting product, but may not be able to give specific instructions regarding individual installations.



Email: [sales@eterna-lighting.co.uk](mailto:sales@eterna-lighting.co.uk) / [technical@eterna-lighting.co.uk](mailto:technical@eterna-lighting.co.uk)

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Made in China

Issue 0321

Model:

**BATLEDPIR**

**Add-on PIR Sensor For BATLED LED Batten Range**

These instructions are provided as a guideline to assist you.

**PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLATION  
AND RETAIN FOR FUTURE REFERENCE**

## INTRODUCTION:

BATLEDPIR is Passive Infrared sensing device which continuously scans a preset operating zone and immediately switches on the LED Batten to which it is attached when it detects movement in the area

This means that whatever movement is detected within the Range of the sensor the light will switch on automatically to illuminate the area you have selected to light and while there is movement in the range of the sensor the light will remain on

The time the light remains on after the last detection by the sensor can be set from 30 seconds to 8 mins. See Dip-Switch Settings

## READ THIS FIRST:

Check the pack and make sure you have all of the parts listed on the front of this booklet. If not, contact the outlet where you bought this product.

This product must be installed by a competent person in accordance with the current building and IEE wiring regulations.

As the buyer, installer and/or user of this product it is your own responsibility to ensure that this fitting is fit for the purpose for which you have intended it. Eterna Lighting cannot accept any liability for loss, damage or premature failure resulting from inappropriate use.

Switch off the mains before commencing installation and remove the appropriate circuit fuse or lock off MCB.

This unit is suitable for indoor use only.

This product is suitable for installation on surfaces with normal flammability e.g. wood, plasterboard and masonry. It is not suitable for use on highly flammable surfaces (e.g. polystyrene & textiles). Before making fixing hole(s), check that there are no obstructions hidden beneath the mounting surface such as pipes or cables.

This product is designed for permanent connection to fixed wiring: this must be a suitable circuit (protected with the appropriate MCB or fuse).

When making connections ensure the cables are securely held by the terminal block clamps.

This product is double insulated. **DO NOT CONNECT ANY PART TO EARTH.**

This product is not intended to be used by children and persons with sensory, physical and/or mental impairments that would prevent them from using it safely.

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 current IEE wiring and building regulations.

## INSTALLATION:

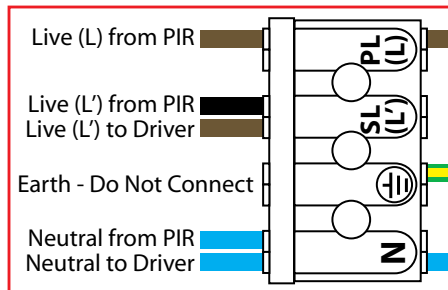
**Installation requires modification to internal wiring and should only be carried out by a qualified electrician.**

- 01) Switch off power supply.
- 02) Remove LED Gear tray from front of BATLED fitting.
- 03) Remove knock-out tab from BATLED end cap - terminal connection end of fitting.
- 04) Remove lock nut from PIR enclosure.
- 05) Thread cables from PIR unit through fitting end cap then through lock nut.
- 06) Position PIR enclosure through cable entry point and secure with lock nut.
- 07) Wiring - when making connections ensure the cables are securely held by the terminal block clamps.

Connect L from PIR (brown cable) to PL on terminal block (Live power input).

Connect L' from PIR (black cable) to SL on terminal block.

Connect N from PIR (blue cable) to N on terminal block.



- 08) Replace LED gear tray on fitting.
- 09) Restore power and switch-on.

## POINT OF INSTALLATION:

To achieve best results we suggest the following points be taken into consideration:

- Preferably not mounted onto a surface with vibration.
- To avoid damage do not point the sensor towards the sun.
- Avoid positioning the sensor adjacent to a bright light source this may interfere with the operation of the Sensor if it is used in 'Night' setting.
- Avoid nuisance triggering by directing sensor away from reflective surfaces such as:

Smooth white walls.  
Swimming pools.  
Heat sources such as boiler flues.

## DIP SWITCH SETTINGS:

Dip switches to change NIGHT / DAY and TIME settings.

1 - On = Night Only / Off = Day & Night

2 - On = SENS(-) / Off = SENS(+)

3 - 30s

4 - 3 mins

5 - 5 mins

6 - 8 mins

**NOTE: SELECT ONE TIME SETTING ONLY**

If the sensor is set to work on night setting it will be activated at 30LUX and be deactivated at 70LUX.

## PIR SPECIFICATIONS:

Detection zone 100 degrees

Detection range 3-6m

Time adjustable 30 seconds to 8 minutes

