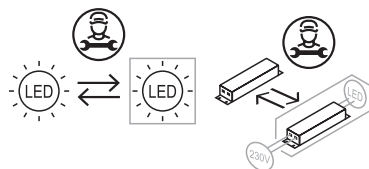


| LED LAMP SPECIFICATIONS:                                          |                                   |
|-------------------------------------------------------------------|-----------------------------------|
| Luminaire lumens (with diffuser)                                  | <b>710 lm</b>                     |
| Lumens from chip (no diffuser)                                    | <b>780 lm</b>                     |
| Useful lumens                                                     | <b>650 lm</b>                     |
| Rated Wattage                                                     | 6W                                |
| Rated luminous flux                                               | 780 lm                            |
| Nominal life time of the lamp                                     | 50,000 hrs                        |
| Colour temperature                                                | 4000K                             |
| Number of switching cycles before premature lamp failure          | ≥15,000                           |
| Warm-up time up to 60% of the full light output                   | Instant Full Light                |
| Dimmable                                                          | No                                |
| Nominal beam angle                                                | 120°                              |
| Rated power                                                       | 6W                                |
| Rated lamp lifetime                                               | 50,000 hrs                        |
| Displacement factor                                               | ≥0.9                              |
| Lumen maintenance factor at end of nominal life                   | ≥0.8                              |
| Starting time                                                     | Instant full light                |
| Colour rendering                                                  | ≥80                               |
| Colour consistency                                                | Within a six step Macadam ellipse |
| Rated peak intensity                                              | 221cd                             |
| Rated beam angle                                                  | 120°                              |
| Voltage / Frequency                                               | 240V~50Hz                         |
| Lumen efficacy: 118 lm / W                                        |                                   |
| This product contains a Light Source of Energy Efficiency Class D |                                   |
| Class 2 double insulated                                          |                                   |
| Not suitable for accent lighting                                  |                                   |



See website for more information on  
replacability and recycling



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

Visit our website: [www.eterna-lighting.co.uk](http://www.eterna-lighting.co.uk)

Made in China

Issue 1121

## INSTALLATION INSTRUCTIONS

A guide for qualified electricians



Model:  
**ATOM5**

**Atom LED Bulkhead**

These instructions are provided as a guideline to assist you.

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

### Pack contents:

- 1 x LED bulkhead
- 1 x Mounting fixing kit
- 3 x Grommets

## 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 and outdoor use.

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

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.

When making connections ensure that the terminals are tightened securely and that no strands of wire protrude. Check that the terminals are tightened onto the bared conductors and not onto any insulation.

This product is double insulated; do not connect either the blue/brown wires or any part to the earth terminal.

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.

## LAMP REPLACEMENT:

**The light source is designed to last the lifetime of the luminaire.**

The light source contained in this luminaire shall only be replaced by the manufacturer, service agent or a similar qualified person.

**CAUTION, RISK OF ELECTRIC SHOCK.**



## INSTALLATION:

Choose the location for your new light fitting according to the conditions listed opposite.

- 01) Isolate the mains before commencing installation.
- 02) Using the feet as a template, mark the position of the fixing holes.
- 03) Undo the four screws holding the back plate in place.
- 04) Make the cable connections using an appropriate drill in the back of the housing.
- 05) Pierce the rubber grommet and thread the mains supply cable through it.

**NOTE:** Do not make the holes in the grommet too large. They should be tight on the cable to ensure a water-tight seal.

- 06) Make the terminal connections:  
Live (L), Neutral (N).
- 07) Push the grommet(s) firmly into position in the cable entry hole.
- 08) Replace the back plate.
- 09) Restore power and switch on.

## 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:

Disconnect the power and clean the exterior only of this fitting 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.