



**WARNINGS**



**PLEASE READ THESE INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION / MAINTENANCE**

- If a fitting is found to be damaged, cease use immediately.
- This is a Class I product and must be earthed.
- This unit must be fitted by a competent and qualified electrician.
- Install in accordance with IEE wiring regulations and current Building Regulations.
- To prevent electrocution, switch off mains supply before installing or maintaining this fitting. Ensure other persons cannot restore the electrical supply without your knowledge.
- This light fitting should be connected to a circuit with a 30Ma RCD fitted. Maximum 12-15 fittings on each circuit recommended.
- If replacing an existing fitting, make a careful note of the connections.
- All connections should be made as watertight as possible to avoid electrical shortage.
- When changing the bulb, always switch off at the mains & allow to cool before handling.
- Always use the correct type & wattage bulb. Never exceed the wattage stated.
- The unit may get warm whilst on for a period of time.



**Voltage:** 220 - 240v 50Hz

**Max. Wattage:** 100w

**Bulb Holder:** ES / E27

**Recommended Bulb:** LED Filament GLS or Candle Bulb

**IP Rating:** IP44

**Cable:** H05VV-F 3 core (approx. 10-15cm from base)

**Product Heights:** 0.6m / 0.9m

**Product Finishes:** Black / White

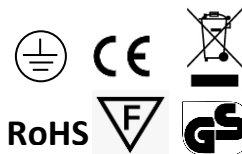
**Product Head Style:** Dome

**Materials:** Aluminium and Polycarbonate (stainless steel screws)

**Mount:** External Surface Mount

**Dimensions:** Louvre diameter = 150mm, Post diameter. = 125mm, Base Diameter = 170mm, Base Depth = 17mm, Lens Height = 135mm, Overall Height 600mm or 900mm

**INCLUDED:** Bollard, Allen Key, 3 x Mounting Screws & Plugs, Waterproof Junction Box, Instructions



✓✓✓  
**3 YEAR  
GUARANTEE**  
see website for  
more details  
Reduced warranty for  
specific components

**CLEANING:**

Occasional cleaning and care is recommended for this product. Please refer to our website for the best way to clean different materials.

**RETURNS:**

**If purchased from a 3<sup>rd</sup> party, please contact your supplier. If purchased direct, contact us by phone or email:**

Lumena Lights Ltd, Centre 33 Long March, Daventry, NN11 4NR Tel: +44 1327 871161 Email: [sales@lumenalights.com](mailto:sales@lumenalights.com)

**Our full returns policy is available on our website.**

Waste Electrical Products should not be disposed of with household waste. Please check with your local authority or contact us for more information. Please recycle packaging whenever possible.

**Producer Registration Number: WEE/KC3440XY**

Full product range & more information: [www.lumenalights.com](http://www.lumenalights.com)

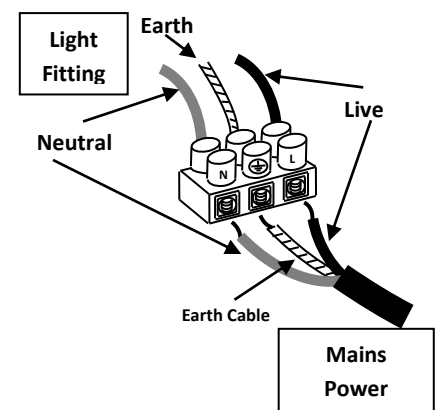
## INSTALLATION:

**IMPORTANT: Cable should be laid inside armoured conduit or piping to protect from water-logging, chemicals found in soil and damage. If buried, it should be buried to at least 0.5m below ground to reduce damage risk. If this method is not used, cable warranty will be void.**

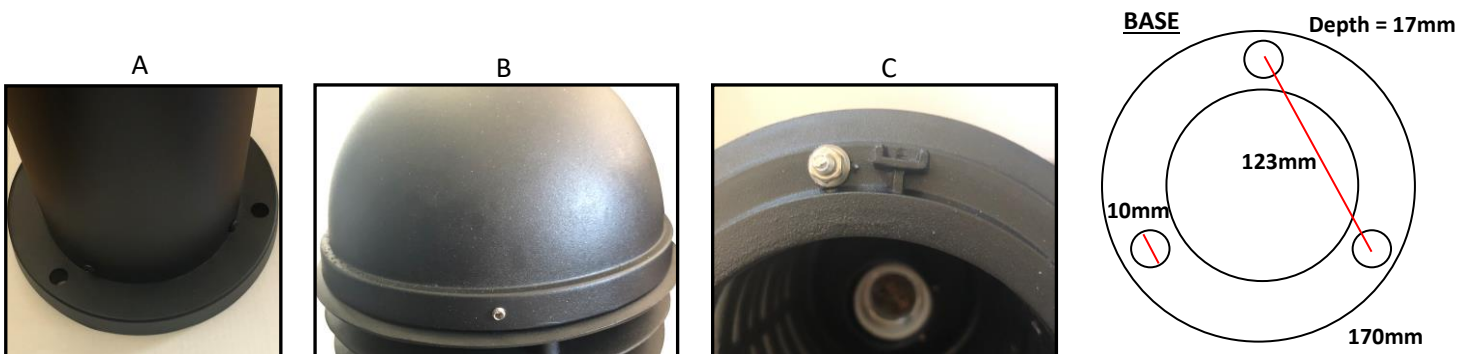
This bollard should be securely fixed to a concrete base, brick, paving slab or quality wooden decking. It should not be installed directly into soil. For fixing to a new concrete base, root fixing bolts (j-bolts) will be required (available for sale at Lumena). For fixing into existing paving slabs, concrete or decking, heavy duty fixing screws and bolts will be required (expanding anchor bolts recommended). Ensure the fixing screws / bolts are stainless steel or zinc plated to avoid corrosion.

1. Locate / install the mains feed (central to bollard base).
2. Use the base to mark the mounting holes on the mounting surface in the desired location (**Image A**).
3. Remove the light and drill out the 3 holes marked at the relevant depth and diameter for the mounting screws / wall plugs being used (varies based on mounting surface). For screws supplied, 9-10mm at 60mm depth.
4. Insert plugs into pre-drilled holes.
5. Remove the 3 way block at the bottom of the cable.
6. Lay the post on it's side on a soft blanket or similar.
7. Pierce two of the rubber cable glands of the waterproof junction box supplied and remove lid.
8. Wire the fitting to the mains feed inside the waterproof junction box with the 3 way block inside. Ensure all supply wires are correctly identified and connections are tight with no loose strands.
9. Replace the lid of the junction box, seal if preferred (recommended).
10. Push the junction box up inside bollard tube.
11. Replace the post light, lining up the 3 x holes at the base with the pre-drilled holes and secure in place with the chosen screws / bolts - large washers may be required.
12. Fit an LED lamp (see below).
13. Test the bollard.

**CABLES:**  
Neutral (N) = Blue  
Live (L) = Brown  
Earth ⊕ = Yellow & Green  
  
Colours of wire sleeving may vary slightly – Test prior to use.



**IMPORTANT: Do not overtighten the base as this could lead to fracture. Do not use high power electric socket tools.**



## LAMP INSTALLATION / REPLACEMENT: (Ensure power is turned off prior to changing the lamp)

1. Loosen the two small socket screws (grub screws) holding on the dome of the bollard (do not completely remove) – **Image B**
2. Lift the dome from the louvres.
3. Remove / Insert lamp (screw base – E27).
4. Replace dome, lining up the grub screws with the lugs (**Image C**) and secure with allen key as removed in step '1'. Alternate the tightening of screws to prevent misalignment.

**IMPORTANT:** Condensation can occur due to the warmth inside the fitting produced by the lamp and the cold air outside. If this is noticed, on a dry day, turn off the power supply, safely remove the head, and wipe dry with a soft cloth.