



**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.
- **DO NOT INSTALL INTO THE GROUND BY PUSHING THE HEAD OF THE PRODUCT**



**Voltage:** 220 - 240v 50Hz  
**Max. Wattage:** 35w  
**Bulb Holder:** GU10 (lamp sold separately – LED recommended)  
**IP Rating:** IP65  
**Cable Length:** 3 core rubber cable 0.75mm (2m or 5m)  
**Head:** Adjustable



✓✓  
**2 YEAR**  
**GUARANTEE**  
 see website for  
 more details

**NOTES**

Will accommodate longer than average GU10s.  
 Shorter bulbs will not create the exact beam angle stated.

**LUMENA UNIQUE PRODUCT**  
 REGISTERED DESIGN NO. 5002740

**SILICA GEL & O-RINGS (DO NOT REMOVE):**

A small pack of silica gel has been included with this spike light, located inside the head with the bulb holder. This should **not** be removed. Condensation inside the spike light is inevitable due to the heat generated by lamps and cold weather conditions, especially if installed on a damp day. The pack of silica gel will collect the moisture inside the fitting, preventing this. It is recommended that the silica gel is replaced when the light bulb is replaced, if not before, and the white rubber o-ring checked. This should be replaced if there are any signs of damage – a spare is provided with each fitting.

**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**

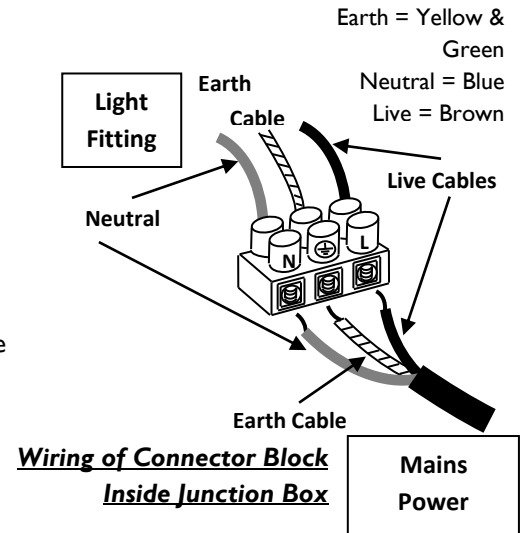
## WIRING / CONNECTION:

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Always use a waterproof Junction Box or Tubecon Connector to connect the fitting to the mains power supply.

**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.

1. Decide on the positioning of the spike light. See below for mounting installation.
2. Locate the mains electrical supply (pre-installed armoured cable).
3. Connect the fitting to the mains supply via a waterproof junction box or Tubecon connector (see diagram for wiring information).
4. Ensure all terminals of the connector block are secure with no stray wires and that the connection is watertight.
5. Cable supplied with fitting is not armoured, therefore it should be laid inside armoured conduit or hooked up safely out of reach in protective piping.
6. Once fully installed, turn on the mains power.



## ADJUSTING THE SPOTLIGHT HEAD:

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The head can be adjusted and set at various angles via the serrated clamp joint - Collar.

1. Support the head and loosen the hand wheel located on the side of the collar by turning anti-clockwise. Turn the hand wheel enough to allow the head to move up and down (**do not fully remove**). A black rubber o-ring should be present.
2. Angle the head in the desired position and tighten the hand wheel.
3. To ensure a tight grip, use a pair of pliers to grip the hand wheel and tighten securely – a small piece of cloth will avoid scratching.

## MOUNTING SPIKE LIGHTS:

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1. Connect the spike to the collar / serrated clamp joint by screwing together clockwise and securing tightly.
2. If an extension rod is used, this should be connected between the Clamp Joint / Collar and original Spike. Alternatively, a full extension rod complete with spike may be supplied.
3. Loosen the collar hand wheel to allow the head to be adjusted to point downwards.
4. Dampen the ground in the area where the fitting is to be installed.
5. Carefully, push the spike into the ground to the desired depth. Do **NOT** put pressure on the spotlight head.
6. Gently compact the earth around the spike to ensure the spike is mounted firmly in the ground and does not move from side to side.
7. Adjust the Head to the desired position.

## LAMP INSTALLATION / REPLACEMENT:

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1. Unscrew the Cap (top section) of the Spotlight Head.
2. Insert the GU10 into the greased bulb holder with a push and twist locking action – please refer to our GU10 Waterproofing Procedure Guidelines attached.
3. Ensure the silica gel pouch is still located inside the Head to prevent condensation build up – replace if required.
4. Ensure the white rubber o-ring is in place between the Head Cap and Base and not twisted for a watertight seal. If for any reason this is missing or damaged this must be replaced (a spare is usually provided) or contact us for replacement.
5. Replace the cap and tighten securely.

**IMPORTANT:** Condensation is likely to 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 cap, tip out any excess water and wipe dry with a soft cloth. Replace the silica pouch as and when required. The GU10 waterproof procedure should protect the bulb holder from condensation and short circuiting and a waterproofing gel protects all connections.