



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 3 product (Low Voltage) – no earth required.
- **12V TRANSFORMER REQUIRED – sold separately**
- This unit must be fitted by a competent person – if in doubt consult a 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.
- If replacing an existing fitting, make a careful note of the connections.
- When changing the bulb(s), always switch off at the mains & allow the bulb to cool before handling – **LAMP WILL GET HOT WHEN IN USE.**
- All connections should be made as watertight as possible to avoid electrical shortage.
- Always use the correct type & wattage of bulb. Never exceed the wattage stated.
- The unit may get warm whilst on for a period of time.
- 12v Lighting must be wired in parallel, not series, and cable lengths kept to a minimum.
- **DO NOT INSTALL INTO THE GROUND BY PUSHING THE HEAD OF THE PRODUCT**



Voltage: 12v Low Voltage

Max. Wattage: 35w

Bulb Holder: MR16 (lamp sold separately – LED recommended)

IP Rating: IP65

Cable Length: 2 Core Rubber Cable 0.75mm (open end) – 2m or 5m

Head: Adjustable



✓✓
2 YEAR
GUARANTEE
see website for
more details

NOTES

Will accommodate longer than average MR16 bulbs.
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 from 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 3rd 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

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.

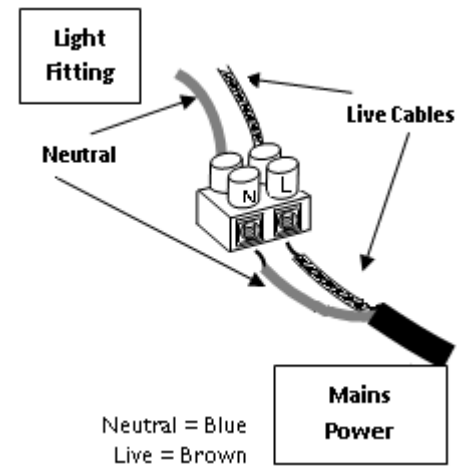
Producer Registration Number: WEE/KC3440XY

WIRING / CONNECTION:

IMPORTANT:

- If Cable is buried or laid on muddy surface, it should be laid inside conduit or piping to protect from water-logging and chemicals found in soil. If this method is not used, cable warranty will be void.
- It is recommended that the number of fittings on each circuit are kept to a minimum, fittings are positioned as evenly as possible around a circuit and each run kept as short as possible to prevent voltage drop. For longer cable runs, thicker cable (1.5mm or 2.5mm) may be required.
- Ensure the transformer has plenty of air circulation to avoid overheating.

1. Decide on the safe positioning of the spike light & transformer. See below for mounting installation.
2. Connect the fitting to the transformer / extension cable via a waterproof Junction Box or Tubecon Connector (see diagram for wiring information)
3. Ensure all terminals on the connector block are secure with no stray wires and that the connection is watertight.
4. Connect the transformer to the mains supply (plug in or hard wire options) – 240v input cable must be located inside armoured conduit.
5. Once fully installed, turn on the mains power.



MOUNTING SPIKE LIGHTS:

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 point downwards to ensure the spike can be pushed from the top.
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.

ADJUSTING THE SPOTLIGHT HEAD:

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 flat nose pliers to grip the hand wheel and tighten securely – a small piece of cloth will avoid scratching.

LAMP INSTALLATION / REPLACEMENT:

1. Unscrew the Cap (top section) of the Spotlight Head
2. Insert the MR16 into the bulb holder with a pushing action using the clamps as guides – ensure the bulb is fully inserted and secure.
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 supplied) 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 and check the o-ring for damage.