



### 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 - 2m or 5m  
**Plug:** 2 Pin (male) Versa Plug & Play  
**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 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)

## WIRING / CONNECTION:

### IMPORTANT:

- If buried or laid on muddy surface, cable should be placed inside conduit or piping to protect from water-logging, damage and chemicals found in soil. If this method is not used, cable warranty may be void. Cables can also be hooked up on fences safely, however protective sleeving is still recommended.
- 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 positioning of the spike light & transformer. See below for mounting installation.
2. Connect the male 2 pin plug of the fitting to the transformer / splitter by pushing into the female socket.

NOTE: A small rubber o-ring must be present in the external groove of the male plug.

3. Secure the VERSA 2 pin plug in place with the threaded cap.
4. Ensure all connections are secure.
5. Connect the transformer to the mains supply.
6. 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 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, top out any excess water and wipe dry with a soft cloth. Replace the silica pouch as and when required and check the white rubber o-ring.