



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 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 – varies based on total cable run.
- 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 the bulb to cool before handling – **LAMP WILL GET HOT WHEN IN USE.**
- 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 PUT PRESSURE ON THE HEAD OF THE PRODUCT**

Voltage: 12V (low voltage)

Max Wattage: 20W

Bulb Holder: MR16

IP Rating: IP65

Cable Length: 2 core rubber cable 0.75mm (approx. 2m)

Head: Adjustable

Materials: Aluminium & Tempered Glass

Finishes: Black (Powder Coated) / Titanium, Cocoa & Green (Anodised) / Stainless Steel

Mount: Spike Mount or Surface Mount

Included: Spotlight, Ground Spike c/w Fixing Bolt, Socket Wrench



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**3 YEAR
GUARANTEE**
see website for
more details



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 fitting should not be used if there are any signs of damage.

CLEANING:

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

RETURNS & DISPOSAL:

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 wherever possible.

Producer Registration Number: WEE/KC3440XY

Full product range & more information: www.lumenalights.com

WIRING / CONNECTION:

IMPORTANT:

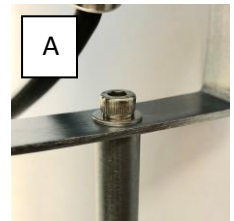
1. If buried or laid on muddy surface, cable should be placed inside conduit or piping to protect from water-logging, damage and chemicals found in soil. If this method is not used, cable warranty may be void. Cables can also be hooked up on fences safely, however protective sleeving is still recommended.
2. 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.
3. Ensure the transformer has plenty of air circulation to avoid overheating.

- Decide on the positioning of the spike light & transformer. See below for mounting installation.
- 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.
- Secure the VERSA 2 pin plug in place with the threaded cap.
- Ensure all connections are secure.
- Connect the transformer to the mains supply (plug supplied can be removed).
- Once fully installed, turn on the mains power.



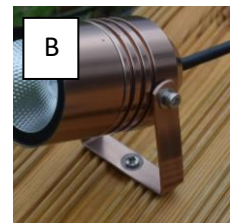
SPIKE MOUNTING:

1. Tilt the spotlight head to create plenty of room between the head and bracket (see below).
2. Remove the socket screw from the ground spike with the socket wrench provided.
3. Place the spike underneath the U-bracket, lining up with the predrilled / threaded holes.
4. Secure the spike to the bracket with the socket screw / washer by hand, then tighten fully with the socket wrench provided (image A). **TIP:** for ease of tightening (due to little clearing for the socket wrench) hold the socket screw securely with the socket wrench and turn the spike to tighten.
5. Dampen the ground in the area where the fitting is to be installed.
6. Carefully, push the spike into the ground to the desired depth with the base of the U-bracket. Do **NOT** put pressure on the spotlight head.
7. 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.



SURFACE MOUNTING:

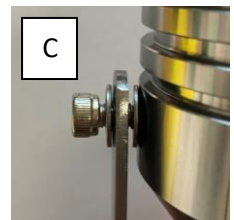
1. Remove the spotlight head to release the U-bracket.
2. Hold the bracket in position and mark the desired location for mounting (the head can be fully removed if required).
3. Attach the bracket to the surface with the relevant screws / washers for the material (not supplied) – see image B.
4. Reattach the head, as per image B.
5. Adjust the head to the desired position and secure by tightening the 2 x socket screws on each side of the U-bracket.



ADJUSTING THE SPOTLIGHT HEAD:

The head can be adjusted and set at various angles via the U-bracket. If this is too secure to adjust, follow the following steps:

1. Support the head and slightly loosen the 2 x socket screws found on each side of the U-bracket using the socket wrench provided by turning anti-clockwise – one turn should be enough to allow the head to move up and down (**do not fully remove**).
2. Angle the head in the desired position and tighten the loosened screws to secure in place.
3. If a screw becomes fully removed, return into the outer side of the bracket with a washer on each side as per image (C).



INSTALLING / CHANGING LAMP:

- Unscrew the cap of the spotlight by hand (anti-clockwise).
- Push in the MR16 using the guides to push the pins into the two holes below.
- Ensure silica gel pack is present (change if damp).
- Ensure o-ring is present on the male thread of the body and is not twisted.
- Replace cap and tighten securely by hand (clockwise).