

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 LED (not included)
Bulb Holder: MR11 (floating)
IP Rating: IP67
Cable: H05RN-F 2*0.75mm² rubber cable (approx. 1.4m)
Plug Type: VERSA – Plug & Play (2 pin) - Male
Materials: Stainless Steel, Tempered Glass, ABS Thermoplastic
Bezel: Stainless Steel 62mm*3mm (threaded)
Installation Hole Size: 55-58mm
Length of fitting (inc. sleeving): 90mm
Included: 1 x fitting, 1x sleeve
Feature: Walkover
Optional: Frosted Lens (sold separately)



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

CLEANING & MAINTENANCE:

Occasional cleaning and care are recommended for this product. Wipe with a soft, slightly damp cloth to remove any surface dirt. Do not use abrasive cleaners or a lot of water as this could damage the fitting. Please refer to our website for more information on the best way to clean different materials.

Condensation can occur due to the warmth inside the fitting produced by the LEDs 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.

RETURNS & RECYCLING:

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 Numbers: WEE/KC3440XY / BPRN0843**

LAMP INSTALLATION / REPLACEMENT:

Always turn off the power and allow lamp to cool prior to removing / installing lamps.

1. Pull the fitting from the black sleeving.
2. Unscrew the threaded bezel from the body and remove the lens.
3. Insert the MR11 into the floating bulb holder with a pushing action through the clamps – ensure the bulb is fully inserted and secure.
4. Push the bulb down into the fitting and place the lens in position with the protrusion of glass facing outwards.
5. Reattach the front bezel, fully tightening to create a seal. Note, if lamp is too long, the bezel will not screw down fully.

MR11 Compatible Lamps: Due to the size of this luminaire, the thickness of the lens of the MR11 lamp used must not exceed 3mm. Using an MR11 lamp which is too big may affect the IP Rating or damage the lens and lamp.

Max 3mm Depth



IMPORTANT:

The front of the lens must sit flush with the front of the bezel. If it sits backwards turn the lens over to ensure a fully watertight seal.

WIRING / CONNECTION:

IMPORTANT INFORMATION – 12V SYSTEMS:

TRANSFORMER REQUIRED - Ensure transformer has plenty of air circulation to avoid overheating.

Keep the number of fittings on each circuit to a minimum, with fittings positioned as evenly spaced as possible around the circuit. Keep cable runs as short as possible to prevent voltage drop. For longer cable runs, thicker cable (1.5mm or 2.5mm) may be required.

If buried or laid on a muddy surface, house cable 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.

Ensure sufficient drainage around the fitting.

1. Decide on the positioning of the fitting & transformer (sold separately). See below for full mounting installation.
2. Lay all connecting cables and splitters with a feed to the installation location(s).
3. Connect the male 2 pin plug of the fitting to the transformer / splitter by pushing into the female socket through the mounting hole.
4. Secure the VERSA 2 pin plug in place with the threaded cap.
5. Ensure all connections are secure and cable is safely positioned / protected.
6. Once complete, connect the transformer to the mains supply and turn on the mains power.



For larger installs, it is recommended that each fitting is fitted with a lamp and tested prior to final positioning.

MOUNTING:

1. Drill 55-58mm diameter installation hole in the desired location (55mm is a very snug fit, 58mm allows slight movement). Allow for at least 90mm depth for the hole to accommodate the length of the fitting.
2. If mounting in a wall or vulnerable area, secure the ABS sleeving in place with waterproof glue / sealant around the underside of the rim and allow to dry. If mounting in the ground, permanently fixing the fitting in place is not essential (dependant on installation location). However, if desired the above process can be applied for added security. Always ensure sufficient drainage around the fitting e.g. gravel
3. Once the plug & play cable is connected to the 12V circuit (see above), push the fitting into the sleeving which will lock in place via the 2 spring clamps.



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

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