

INSTRUCTIONS



PLEASE READ THESE INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION / MAINTENANCE



WARNINGS

- 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 WITHOUT MOUNTING SLEEVE**



Voltage: 12v Low Voltage
Max. Wattage: 35w
Bulb Holder: MR16 (lamp sold separately – LED recommended)
IP Rating: IP67
Cable: H05RN-F Versa Plug & Play (Length may vary)
Plug: 2 Pin (male) Versa Plug & Play
Mounting Sleeve: ABS Thermoplastic (removable)
Mounting Hole Size: 70mm + 2 x 9mm overlap



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



CLEANING:

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

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

A small pack of silica gel has been included with this recessed light, located inside with the bulb holder. This should **not** be removed. Condensation inside the light is inevitable due to the warm bulbs 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 from happening. 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.

RETURNS:

If purchased from a 3rd party, please contact your supplier. If purchased direct, contact us by phone or email:

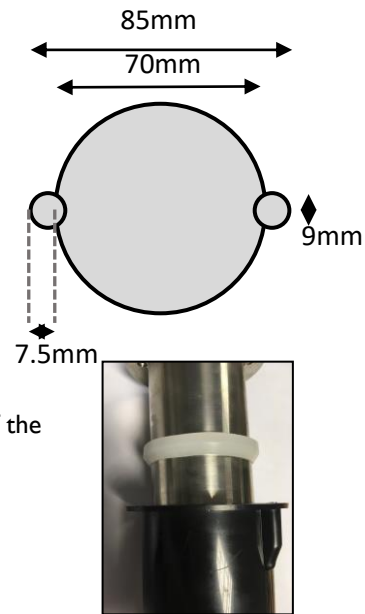
Lumena Lights Ltd, Centre 33 Long March, Daventry, Northants, NN11 4NR
Tel: +44 1327 871161 Fax: 0800 066 4410 Email: sales@lumenalights.com
Producer Registration Number: WEE/KC3440XY

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

MOUNTING:

IMPORTANT: The mounting sleeve must be used as this adds protection to the fitting and the large rubber seal adds to the ingress protection. If the mounting sleeve is not used, the Guarantee will be void.

1. Drill out installation hole in the desired location (see diagram). Allow for at least 131mm depth for the 70mm hole to accommodate the length of the mounting sleeve. 2 x 9mm Lug holes need only be drilled to 30mm depth if screwing in position.
2. Alternatively, the 2 x lugs can be cut off carefully with a sharp knife. This would result in a simpler 70mm installation hole but allow the fitting to spin after installation.
3. Secure the mounting sleeve in place with either 2 x 40mm M4 screws through the lugs OR use waterproof glue / sealant around the underside of the rim and allow to dry.
4. Connect to the power supply (see below).
5. Install lamp (see below).
6. Ensure the large white rubber seal is in place, just covering the join of the top and bottom of the fitting from below (see image)
7. Push the fitting into the mounting sleeve which is firmly held in position by the rubber seal surrounding the join of the fitting.



WIRING / CONNECTION:

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.

- 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 fitting & 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.



LAMP INSTALLATION / REPLACEMENT:

IMPORTANT: A clear rubber o-ring must be present between the Cap and Body of the Recessed Light to ensure a watertight join. If for any reason this is missing, please contact us for a replacement (a spare is usually provided).

- Pull the light up and out of the protective mounting sleeve
- Unscrew the Cap (top section) of the Recessed Light
- Insert the MR16 into the greased bulb holder with a push and twist locking action
- Ensure the silica gel pouch is still located inside the fitting to prevent condensation build up (replace pack if required).
- Ensure the white rubber o-ring is in place between the Head Cap and Base and not twisted for a watertight seal.
- Replace the cap and tighten securely.

NOTE: 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 and wipe dry with a soft cloth. Replace the silica pouch as and when required.