

Downlight - Fixed IP65 & Fire Rated



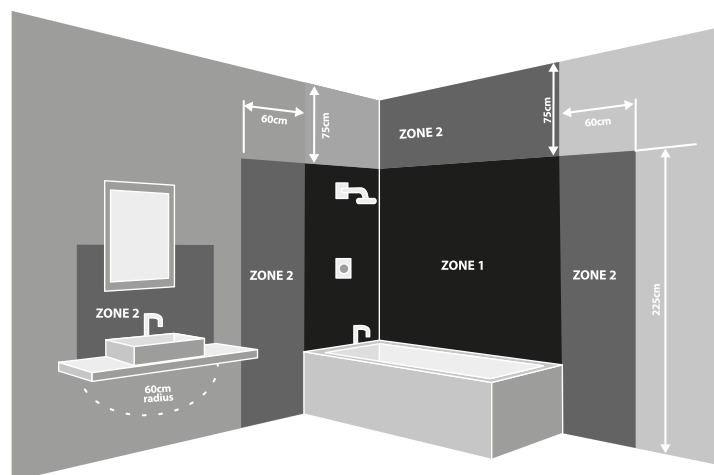
INSTRUCTIONS

Please read carefully before installation and retain instructions for future reference.

If you are in any doubt about installing this product, consult a qualified electrician. Fittings must be installed by a competent person in accordance with current IEE Wiring Regulations (857671). This product should not be modified. Any modification will invalidate the warranty and may render the product unsafe.

IMPORTANT WARNINGS

- Before commencing installation or maintenance, ensure the power supply is switched off at the fuse box and fuse is removed to prevent accidental switching, (turning the light switch is NOT sufficient).
- Under NO circumstances should these fittings be covered with insulation material (or similar).
- This fitting is NOT suitable for mounting on a normally flammable surface.
- Do NOT attach to surfaces which are damp, freshly painted or otherwise electrically conductive (e.g. metallic surfaces).
- This is a Class I product and MUST be earthed.
- Cool Beam lamps not recommended for this unit.
- Connect the product to the mains supply using 1.0mm² core cable of type H03VV-F (or equivalent).
- The supply cable must be kept away from the spotlight in order to protect it from the high temperature of the bulb.



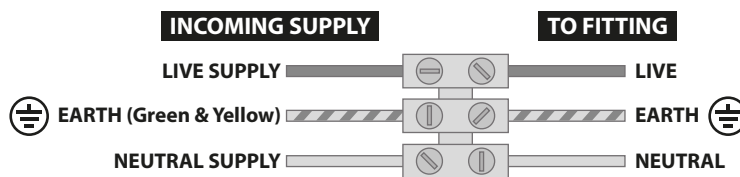
LOCATION

- This product is IP65 rated and suitable for indoor and outdoor living areas and bathroom zones 1 and 2 (see diagram above).
- Ensure a minimum ceiling-void depth of 260mm is available.
- This product meets the electrical installation requirements for fire rated ceiling lamps (85476 Part 21) and is suitable for 30, 60, and 90 minute fire rated ceilings.
- This product is in accordance with building regulations Part E (resistance to the passage of sound).
- If fitting in a bathroom the product must be supplied via a 30mA residual current device (RCD) and installed by a competent person in accordance with current IEE Wiring Regulations (857671) and local building regulations. If in doubt consult a qualified electrician.
- The product is designed for ceiling installation only.
- This product should be positioned at least 0.5m away from any other surface or object (e.g. walls, curtains or linen).



INSTALLATION & WIRING

- Remove the down light from the packaging, remove all inner packaging and check all parts are supplied.
- Pick the location for the units on the false ceiling and with the appropriate tools proceed to cut out a circle with a 74mm (max) diameter. Take special care not to foul any pipes, mains cables or joists beneath the surface.
- We recommend cutting the hole slightly **SMALLER** than the size specified above and then filing the area to achieve a snug fit.
- Ensure free movement of air at the rear of the fitting specifically by removing any void/ceiling/loft insulation from at least 140mm from the rear of the unit (250mm from the front cover of the unit).
- Ensure a minimum of 150mm from this product to any walls. Ensure a minimum of 300mm between these products.
- Draw the mains' cable through the hole in the ceiling (use minimum 1.0mm² core cable).
- Remove the terminal block cover by unscrewing the retaining screws. Loosen the screws on the unwired side of the terminal block.
- Pass the mains' cable into the block and secure.
- Connect the incoming supply wires to the pre-wired terminal block (Live to Live (L) Earth to Earth (E) and Neutral to Neutral (N)).



Important: This is a Class I product and must be earthed. If in doubt please consult a qualified electrician.

- Re-secure the screws in the terminal block and refit the terminal block cover.
- Remove the front lens by twisting the outer rim anti-clockwise and easing away. Fit the bulb (not supplied) into the lampholder (insert and twist clockwise (to the right)). Once secured push the front face of the GU10 into the securing mount attached to the rear of the front lens.
- Once the lamp is in place, re-attach the front lens by pushing firmly against the recess housing and turning clockwise until secure.
- Pull the spring arms together (towards vertical) and insert into the ceiling hole. Push upwards until the clips fully engage and the unit is secured against the ceiling. Check that no cables are trapped.
- Installation is now complete. Replace the fuse and switch on at mains to test.

FITTING & REPLACING THE BULB

Switch off product (preferably, isolate at distribution board).

Warning: The light fitting and bulbs can get hot during use. Allow to cool prior to maintaining or adjusting the unit.

- Carefully remove the clip and old bulb by turning anti-clockwise and insert the new bulb into the lampholder as described above before returning the securing clip to the front face.

Light Source (not supplied):

- 1x 35w GU10 *
- 1 x 28w Eco Halogen GU10 *
- 1 x LED GU10 **



- Do NOT use any other type of bulb or exceed the max wattages detailed above.
- Restore mains supply and switch on to test.



***Note:** When used with standard GU10s or Eco Halogen replacements the product is suitable for use with an appropriately rated dimmer switch. Check the dimmer switch instructions for compatibility and total max load. Dimmer switches are not permitted in Bathroom Zones 0,1,2 or other areas where moisture is likely. *Suitable only for use with an appropriately rated dimmer switch. **Only dimmable LED's are suitable for use with an appropriately rated dimmer switch.

CORE COLOUR	OLD	NEW
LIVE	Red	Brown
SWITCHED LIVE	Red, black with red sleeve	Brown, or Blue with brown sleeve
NEUTRAL	Black	Blue
EARTH	Bare, with green/yellow sleeve	Bare, with green/yellow sleeve (no change)
2-WAY SWITCHED LIVE	Red, blue and yellow	Brown, black and grey



If you have a product or a component within the product, which has this logo, it should not be disposed of within your household waste. Please recycle where the facility exists. Check with your Local Authority or Retailer for recycling advice.