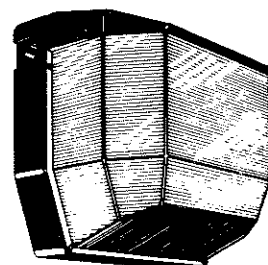


SAFETY INFORMATION & INSTALLATION INSTRUCTIONS

IP65     



READ INSTRUCTIONS BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCE

General Information

- This luminaire is suitable only for vertical (i.e. wall) mounting and only with the lampholder uppermost.
- For best light distribution a minimum mounting height of 3.0 metres is recommended.
- Ensure that the supply voltage is the same as that marked on the luminaire rating label.
- A copy of these instructions should be retained for use during maintenance, e.g. with the Building Maintenance Schedules.
- Do not test this luminaire with an insulation tester (e.g. a Megger) as serious component failure may result.

Safety Information

- **Read these instructions before commencing installation and maintenance. To ensure safe installation and use this product should be used only in accordance with the instructions.**
- **Electrical products can be dangerous. If you have any doubts at all as to the manner of installation or use of this product, consult a competent electrician. Installation should be carried out to the current edition of the IEE Wiring Regulations/BS 7671.**
- **To avoid risk of electric shock always disconnect electrical supply before installation and removing front cover. Caution: on Photocell versions, mains voltages may be present in the product when still connected to the supply even when the lamp is not lit.**
- **This product must be earthed to prevent metal parts becoming live in the event of insulation failure.**
- **Products should not be modified. Incorrect wiring or components may cause risk of fire or electric shock.**
- **This product is suitable for direct mounting on normally flammable surfaces e.g. wood and materials based on wood of more than 2mm thickness.**
- **To avoid risk of damage to the product any preservation or chemical treatments should be thoroughly dry before attaching the product.**
- **Replacement lamps: always disconnect the electrical supply before replacing the lamp. Caution: on Photocell versions, mains voltages may be present in the product when still connected to the supply even when the lamp is not lit.**
- **To avoid risk of fire or damage to the control gear always replace lamp or isolate luminaire from supply immediately after lamp failure.**
- **Ensure that any replacement lamp is of the correct wattage and type as indicated on the luminaire rating label and ballast. Different control gear is used on SON, MBF and MBI versions. Lamp types and wattages are not interchangeable.**
- **Suitable for indoor use.**

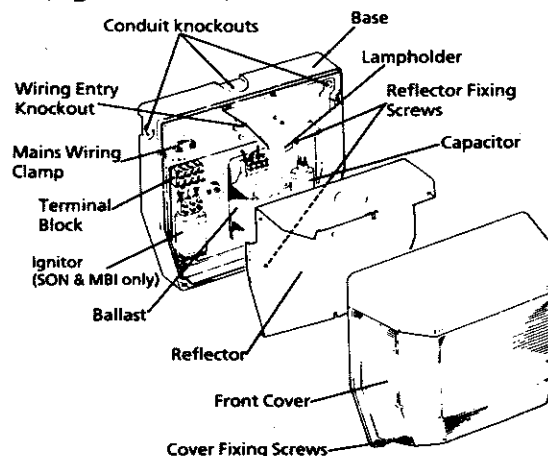
Installation Instructions

This fitting must be earthed

(For Photocell versions see also notes on siting under 'Operation with Photocell').

1. Unscrew the four captive screws and remove the front cover.
2. Loosen the two reflector fixing screws and remove the reflector. To avoid damaging the mirror surfaces handle the reflector with a clean cloth.
3. Drill the required fixing holes in the base using a 4.5mm diameter bit. Use the four corner positions or two appropriate 50mm centre conduit box fixings plus the two bottom base fixings.
4. Use the base, with the lampholder at the top, as a template to mark the fixing hole positions. Drill and plug the holes in the mounting surface.
5. Wiring Entry: Four entry positions are provided for the Mains Supply wiring.

- In the back of the base a 20mm diameter knockout is provided for recessed mains wiring. The sealing plug (supplied loose) should have a small hole punctured through it (e.g. with the tip of a terminal screwdriver)



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and the supply wiring pulled through it. The sealing plug should then be fitted into the hole in base with the smooth side of the plug towards the inside of the light fitting, taking care to ensure a watertight seal.

- For Conduit Box mounting a flat cover gasket should be fitted between the Conduit Box and the Base to maintain the seal. Conduit Box must be flush with the mounting surface and in addition to the conduit box fixings, the two bottom base fixing holes must be utilized.
- Alternative mains wiring entry is provided by three 20mm diameter conduit entry knockouts, one at each side and one on top. All through wiring should be routed through the insulating sleeve provided.

Ensure that the means of cable entry is water tight, if necessary using sealing compound.

6. Secure base to mounting surface with non-corroding screws. Place the four rubber washers provided under the screwheads. To provide the best seal it is recommended to use flat-headed screws rather than counter sunk screws.
7. To help protect the supply cable from heat, feed the cable through one of the pieces of sleeving

provided. Position the sleeve to cover all of the supply wiring, if necessary cutting into shorter lengths.

8. Feed the supply cable through the entry hole and cable clamp. Connect to terminal block on gear tray, ensuring correct polarity, i.e. the live conductor to the terminal marked L, the neutral conductor to the terminal marked N and the earth conductor to the terminal marked with the Earth symbol ($\perp$). A spare terminal is provided for switching purposes.

Note: The three short lead wires already attached to the terminal block are for factory testing purposes only, please remove and discard.

9. Tighten down the cable clamp.
10. Replace the reflector ensuring that the reflector fixing screws are securely tightened to maintain Earth continuity.
11. Replace front cover and tighten the four fixing screws. The front cover must be correctly located and pressed securely against the base to ensure a watertight seal. Do not over tighten the four screws.