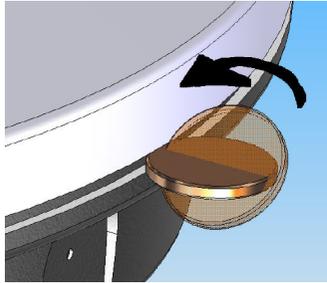
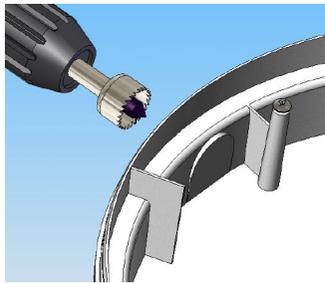


IP20 DECORATIVE BULKHEAD LUMINAIRE INSTALLATION INSTRUCTIONS

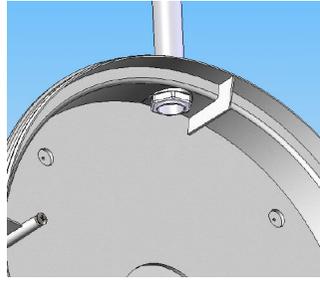
DIL640002_K



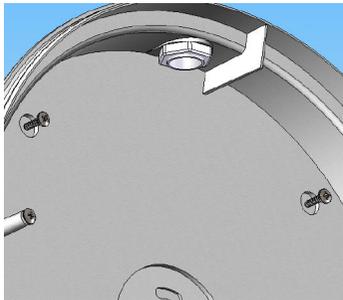
1. Remove diffuser by engaging coin or similar tool in groove between diffuser and base. Twist coin carefully until diffuser detaches from base.



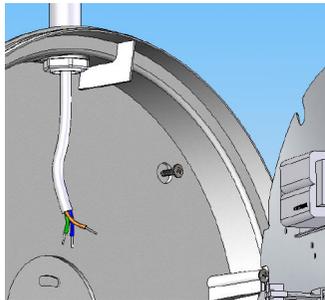
2. Select appropriate cable entry point and with suitable hole cutter (typically 20mm) drill through and debur to leave a clean hole.



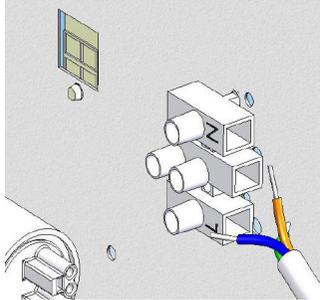
3. Attach suitable rated IP65 cable entry gland / cable conduit. This is vital to maintain IP integrity. If not already done, mark out fixing.



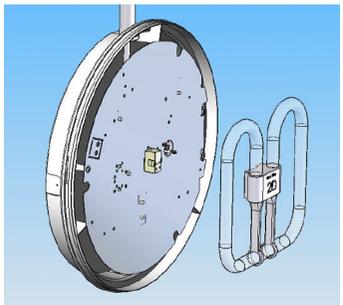
4. Secure luminaire to mounting surface with the appropriate screws (these are not supplied). When wall - mounting ensure hinge is set to the right (3 o'clock position).



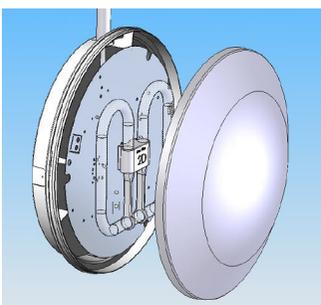
5. Prepare the cable for second Fix (3 core for mains only versions 4 core for emergency luminaires). GEAR TRAY MUST BE EARTHED.



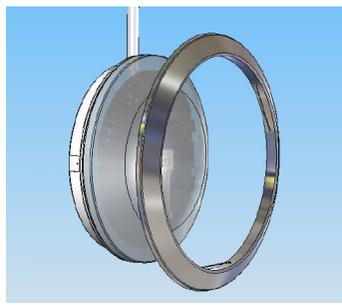
6. Make electrical connection as indicated on terminal block. Block is suitable for 2x2.5mm² conductors for loop - in / loop - out.



7. Refit gear tray into position and fit lamp (supplied). For 2D lamps orientation when wall - mounted should be such that the curved limbs of the lamp are at the top. Check for operation.



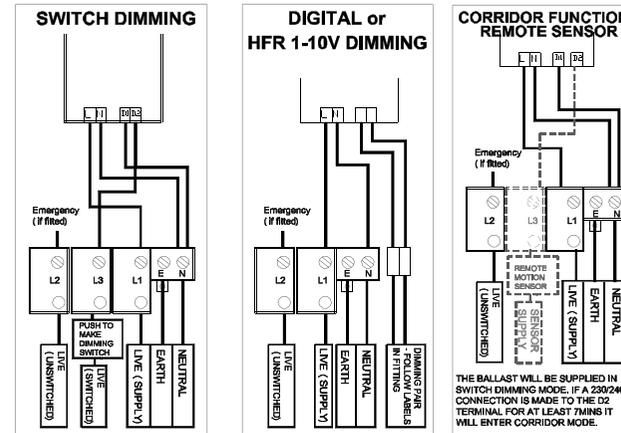
8. Refit diffuser by snapping on to base.



9. Fit optional decorative trim by engaging 3No. Springs into recess between diffuser and base.

- This luminaire is only suitable for indoor use.
- Approved ambient temperature range is : 0°C / +25°C.
- Check rating label for voltage & frequency prior to connection.
- Ensure mains supply is switched off when servicing this luminaire.
- Any lamp failures should be replaced immediately.
- When replacing lamps use correct lamps as initially supplied. We recommend only using 2D lamps to IEC standards. Under no circumstances use amalgam 2D lamps. Note - All lamp bases are GR10q (4-pin).
- Ensure a copy of this leaflet is retained by persons responsible for the operation and maintenance of the luminaires.
- Ensure, on all fittings, that the starters are replaced simultaneously when changing the lamps.
- Spot replace the lamps upon failure and ensure a regular lamp and starter maintenance program is implemented.

IF THE FITTING IS DIMMABLE wire as below:



DIMMING NOTES:

The use of Corridor Function is not recommended in ambient temperatures below 0°C.

Always wire the fitting as per the labels indicated on the terminal blocks.

To ensure optimum lamp performance we advise that it is good practice to burn the lamps for 100hrs before dimming.

For mains wiring of fittings with integral sensors refer to separate sensor installation leaflet.

IF THE FITTING IS MAINTAINED EMERGENCY:

IMPORTANT: When the mains supply is isolated, the output terminals can still be live if the battery is connected. Both mains and batteries must be isolated before servicing.

1. This luminaire is supplied converted for 3 hour maintained emergency operation.
2. Fitting should be installed in the usual way as detailed on the installation instruction leaflet supplied.
3. A secondary unswitched live connection should be fed to the inline within the fitting. The unswitched supply must be taken from the same phase as the switched luminaire supply.
4. Once installed the unit integral/remote must be commissioned. The battery cells must be connected to the emergency module (left disconnected in packing to avoid possible high voltages at lamp holders) this is done by a plug and socket arrangement.
5. After connecting the unswitched mains supply, the green LED indicator illuminates to indicate the batteries charging. Upon disconnection of this supply the indicator will extinguish and the emergency tube will light. Please ensure the tab that the LED is installed into is folded to an appropriate angle.
6. A period of 24 hours should be allowed before a full discharge test is carried out to ensure the battery is fully charged. Several full charges and discharges may be required to ensure that the battery attains maximum capacity.
7. Batteries should be replaced once the rated duration can no longer be met. The test record card should be completed at specified intervals to indicate that the full 3 hour duration is still being obtained.
8. A maintenance sheet showing testing intervals and durations is included and should be filled in by the installation engineer on completion and issued to the customers maintenance department.

NOTES:

- Excessive disconnection of the unswitched mains supply may result in premature lamp failure or failure of the luminaire.
- **NORMAL AND EMERGENCY SUPPLIES MUST BE CONNECTED TO THE SAME PHASE**
- There are no user serviceable parts in the module.
- Battery electrolyte can be harmful to eyes and open wounds. Care must be taken to avoid puncturing the case and allowing electrolyte to escape. If electrolyte touches the skin, flush with water.
- Do not incinerate batteries.
- Internal use only

WARNING - THIS LUMINAIRE MUST BE EARTHED

This luminaire has been tested and is manufactured to comply with BS EN 60598 specification for general requirements and tests. It should be installed by a suitably qualified person in accordance with I.E.E. regulations and relevant legislation.

