

PRODUCT INFORMATION AND INSTALLATION INSTRUCTIONS FOR THE KLO30 RANGE OF UTILITY BULKHEADS

PRODUCT INFORMATION

PRODUCT	LAMP TYPES	FIXING CENTRES
KLO30P	1 x 16W 2D, 1 x 28W 2D	BESA
KLO30	1 x 16W 2D, 1 x 21W 2D, 1 x 28W 2D 1 x 38W 2D, 2 x PL11, 2 x PLL18	BESA
KLO30M	1 x 16W 2D, 1 x 28W 2D, 1 x 38W 2D	3 Holes 230mm PCD Equi-spaced & BESA

With the following options:

- 3HM - Emergency pack, KLO30M, 16W & 28W only
- NL - Nite light facility KLO30M only
- KLO30 RK - Semi recessing kit

GENERAL CONSTRUCTION

- On the KLO30/KLO30P bulkheads the 2D, PL and PLL lamp gear is mounted on a tray which has 4 mounting key slots. The tray can be detached from the bulkhead base by loosening the 4 slot screws, sliding the tray to disengage from the screw heads.
- On the KLO30M bulkhead the 2D standard lamp gear is mounted by two ways, directly onto the bulkhead base or on a tray. The tray can be removed from the base by removing 2 screws. The 2D emergency pack lamp gear is mounted on a tray which has 3 mounting keyhole slots. The tray can be detached from the base by loosening the 3 slot screws, sliding the tray to disengage from the screw heads. There is a label marked "this way up" with arrows on the emergency pack tray to show its vertical mounting position.

INSTALLATION INSTRUCTIONS

- Installation must be carried out by a competent person, in accordance with the national or local wiring regulations (In the UK, the 16th edition of The Regulations for Electrical Installations, published by the IEE, apply.), and BS5266 Part 1; Code of Practice for Emergency Lighting. If in any doubt consult a qualified electrician.
- To remove the diffuser. Insert a flat blade screwdriver into the hole in the side of the bulkhead to lever out the diffuser.
- If a gear tray is fitted, detach from the base as stated in the general construction section.

INSTALLATION INSTRUCTIONS

- Using the fixing hole centres or BESA as stated in the product information section, fix the bulkhead base to the required surface. If mounted on a vertical surface, position the base so that if an emergency pack gear tray is attached, the arrows on the "this way up" tray label point upwards. If the bulkhead is to be recessed into a ceiling see section 10.
- Connect the incoming 240v supply to the mains terminal block on the base or gear tray. Ensure the L & N polarities are correct and the E is secure as the gear tray or base must be earthed. If the bulkhead has a nite light facility then connect a separate switched incoming 240 supply to the mains block for that facility. If an emergency pack is fitted, connect permanent 240v supply to the permanent position on the mains terminal block.
- If removed, attach the gear tray to the base by its appropriate fixings, refer to the general construction section. If there is an emergency pack and has a plug/socket on flying leads, ensure they are accessible, that is not trapped under tray.
- Fit the correct type and wattage lamp which is shown in the product information section.
- If an emergency pack is fitted, connect the battery to the emergency lighting module by connecting together a plug and socket on flying leads from the battery and module, or push in wires/push on terminal from battery to the module terminal block. The connections are labelled on the module and depend on the type of module used.
- Refit the diffuser into the base ensuring it is pushed fully home around the base.
- If the bulkhead is to be recessed into a ceiling, a recessing kit is required. Referring to the drawing below. Ensure the ceiling hole size is correct. Loosely fix the rim retaining brackets to the support strap with the inner screws only. This allows the brackets to swivel out of position when the rim is inserted into the ceiling hole which is done next. When the rim is in the hole, align the brackets along the strap and tighten the screws until the rim starts to butt against the ceiling face. Insert the other bracket screws and tighten all screws until the rim is firmly fixed. Now insert the base and retain using the BESA fixing centres in the base and on the strap.

