



PRODUCT INFORMATION AND INSTALLATION INSTRUCTIONS FOR THE FLR RANGE OF SEALED (IP54) MODULARS

PRODUCT INFORMATION

PRODUCT	LAMP TYPE	CEILING HOLE CUT-OUT
FLR663-IP	3 x 18W T8	575mm x 575mm
FLR664-IP	4 x 18W T8	575mm x 575mm
FLR1263-IP	3 x 36W T8	1175mm x 1175mm
FLR1264-IP	4 x 36W T8	1175mm x 1175mm

With the following options:

EM3	- Emergency Pack	HFD	- High Frequency Dimmable Gear
HF	- High Frequency Control Gear	ES	- Electronic Starters

INSTALLATION INSTRUCTIONS

- 1) 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 Installation, published by the I.E.E, apply), and BS5266 Part 1; Code of Practice for Emergency Lighting. If in any doubt consult a qualified electrician.
- 2) Detach the framed prismatic diffused from the modular by removing the frame fixing screws.

INSTALLATION INSTRUCTIONS

- 3) The modular can be mounted into various ceiling options.
 - i) Exposed Tee
The modular is mounted inside the Tee. When the framed prismatic is re-fixed, it clamps the modular in position on the Tee.
 - ii) Standard concealed and Universal Spring Tee
The modular is mounted outside the Tee and is supported by 4 side arm suspension brackets provided. These are attached to the opposite modular sides (2 brackets each side) and the brackets' position is adjusted until the modular front frame butts against the Tee bar or is level with the ceiling.
 - iii) Plasterboard
Ensure the ceiling cut-out hole size is as stated in the product information section. The modular is supported in the same way as stated in section ii) and the brackets' position is adjusted until the modular front frame butts against the ceiling.
- 4) Connect the incoming 240V supply to the mains terminal block on the base. Ensure the L & N polarities are correct and the E is secure as the modular must be earthed. If an emergency pack is fitted, connect a permanent 240V supply to the permanent position in the block.
- 5) If the modular is dimmable, connect the control voltage (1 to 10 VDC) wires to the + and – terminals on the HF regulating (dimming) ballast (s), via the 2 way terminal block.
- 6) Fit the correct type and wattage tube, which is shown in the product information section. The holders are the twist lock type, where the tube is inserted, then rotated a quarter of a turn to connect and lock the tube in position.
- 7) 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.
- 8) Attach the framed prismatic diffuser to the modular using the frame fixing screws removed in section 2.