

PRODUCT INFORMATION AND INSTALLATION INSTRUCTIONS FOR THE LUMILINE RANGE

PRODUCT INFORMATION

PRODUCT	LAMP TYPE	FIXING CENTRES
KL325	1 x 16W 2D, 1 x 21W 2D, 1 x 28W 2D	3 Holes on 180mm PCD Equi-spaced & BESA
KL380	1 x 16W 2D, 1 x 21W 2D, 1 x 28W 2D 1 x 38W 2D, 2 x 18W PLL	3 Holes on 240mm PCD Equi-spaced & BESA
KL420	1 x 28W 2D, 1 x 38W 2D 2 x 18W PLL	3 Holes on 240mm PCD Equi-spaced & BESA
KL525	1 x 38W 2D 2 x 24W PLL, 3 x 24W PLL	3 Holes on 220mm PCD Equi-spaced & BESA

With the following options:

HF	- High Frequency Gear	NL	- Nite Light Facility
HFD	- High Frequency Dimmable Gear	EM3	- Emergency Pack
SS	- Separate Switching	RK	- Recessing Kit, not KL525

GENERAL CONSTRUCTION

The 2D standard lamp gear and all the PLL lamp gear, including emergency packs, are mounted directly onto the base of the lumiline. The 2D emergency pack lamp gear is mounted on a tray. This tray has 3 mounting keyhole slots and can be detached from the lumiline 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 tray to show its vertical mounting position.

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 Installations, published by the IEE, apply), and BS5266 Part I; Code of Practice for Emergency Lighting. If in any doubt consult a qualified electrician.
- 2) The diffuser should be separated from the lumiline body.
- 3) If the emergency pack gear tray is fitted, detach from the base as stated in the general construction section.

INSTALLATION INSTRUCTIONS

- 4) Using the fixing hole centres or BESA stated in the product information section, fix the lumiline to the required surface. If mounted on a vertical surface, position the base so that if the emergency pack gear tray is attached, the arrows on the "this way up" tray label point upwards. If the lumiline is to be recessed into a ceiling see section 11.
- 5) 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 lumiline must be earthed. If the lumiline has a separate switching or nite light facility (PLL options only) then connect a separate switched incoming 240V 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.
- 6) If the lumiline is dimmable, connect the control voltage (1 to 10VDC) wires to the + and - terminals on the HF regulating (dimming) ballast(s), via the 2 way terminal block.
- 7) Attach the emergency pack gear tray to the base by its keyhole slots, refer to the general construction section. If there is a plug/socket on flying leads ensure they are accessible, that is not trapped under the tray.
- 8) Fit the correct type and wattage lamps which is shown in the product information section.
- 9) 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.
- 10) Remove the diffuser from the plastic wrapping. Insert the edge of the diffuser between the rim and springs. When fully inserted around the rim, centralise the diffuser relative to the rim.
- 11) If the lumiline is to be recessed into a ceiling a recessing kit appropriate to the lumiline product is required. Referring to the drawing below. Ensure the ceiling hole size is correct. The recessing kit is placed over the lumiline, both are then placed in the hole and can be supported by either a batten, screw rods or conduit which must be supplied by the installer. The support arrangement must cause the kit rim to butt up against the ceiling.

