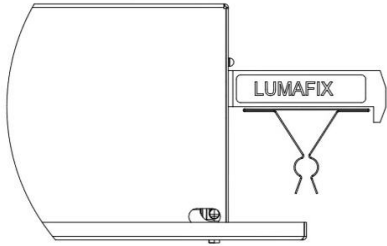


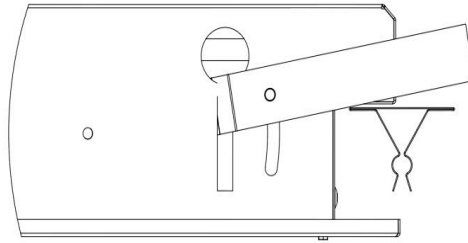
RECESSED PULL-UP MODULAR LUMINAIRE

INSTALLATION INSTRUCTIONS

1. The ceiling aperture should be clear of all suspension wires or brackets.
2. Unpack luminaire and remove controller. Louvres should only be handled using gloves supplied. Grease from hands may permanently mark the surface of the louvre.
3. Install into the ceiling by passing the fitting through the aperture, end-box side first. Centralise the frame either flush with or on the underside of the ceiling depending on the ceiling type. Push the side arm supports through the holes in the top of the keyhole slots and slid them down to meet the grid work. Turn the head of the brackets clockwise until they are secure in the slots. Do not over tighten.



SIDE MOUNT

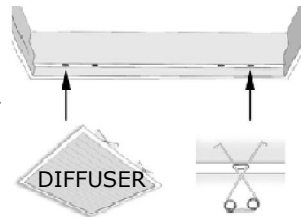


END MOUNT

(If required the the endmount brackets can be used to support luminaire at lamp overhang end, some ceiling grids may require this. Push the two endmount fixing brackets (at the end with the lamp end-boxes) through the keyhole slot securing only with screw. Use the side mount brackets for the other end of the fitting.)

4. Once installed connect mains supply as indicated on the terminal block.
5. Insert tubes by twisting in at both ends and rotate through 90° to secure or alternatively insert TC-L lamps into lampholder and support clip to secure (lamps not supplied).
6. Test for operation. When connected to appropriate supply, (as detailed on internal label), the luminaire will illuminate all connected lamps excepting failure of lamps, fuse or control gear.

7. a) If diffuser the controller should be installed using the attached wishbone springs. The two legs of the spring should be pinched together and pushed through the appropriate slot in the side of the luminaire. The outer slots are for the diffuser. When all the springs are installed, the controller may be pushed squarely into the luminaire.

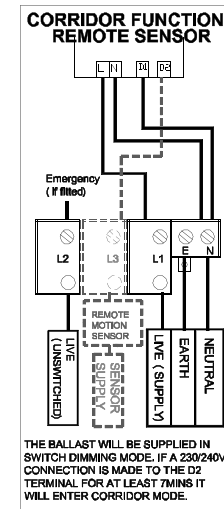
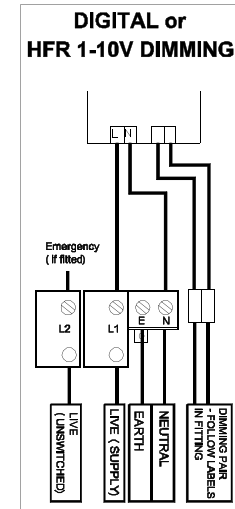
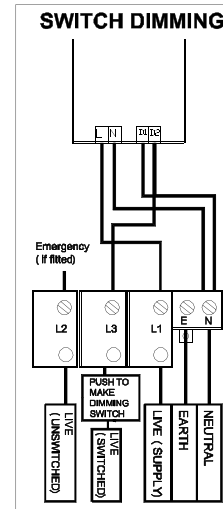


8. b) If louvre should be installed using the shootbolts which are located at each corner of the louvre. Ensure the louvre earth lead is attached from the louvre to the housing.

NOTES

- a) This luminaire should not be used in areas requiring ingress protection of greater than IP20.
- b) Wiring to luminaires must be routed to avoid area above control gear.
- c) Care must be taken on installation of louvre to ensure louvre does not cut wiring to lampholder.
- d) This luminaire is only suitable for domestic and light industrial environments which are within the scope of EN 55015.
- e) Not for use in hazardous areas.
- f) The luminaire shall, under no circumstances, be covered with insulating matting or similar material.
- g) INTERNAL USE ONLY
- h) For 'fast fix' fittings - this luminaire is intended only for mounting in locations where the plug and socket are protected from unauthorized disconnection.

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.

DOUBLE SWITCHED / NIGHT LIGHT:

For double switched or night light fittings the neutral is linked within the luminaire using blue cable. If separate neutrals are required the BLUE link cable should be removed.

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 (L2) should be fed to the inline within the fitting to supply a monitor live and for the battery charging circuit. 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.
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.

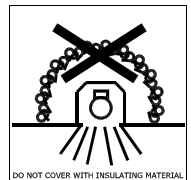
There are no user serviceable parts in the module.

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.

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.



DO NOT COVER WITH INSULATING MATERIAL