

## LDIP Semi-recessed Modular Range

**LDL**  
lighting

### General Description

The LDIP semi-recessed light fitting is ingress protected to IP65 from below the ceiling; this is achieved by using a gasket to provide a water/dust tight barrier between the upper side of the body and the ceiling, whether it be an exposed T ceiling grid or plasterboard ceiling. There is also a water/dust tight seal between the body of the fitting and the diffuser to prevent any ingress into the fitting.

### Specification

Class 1 - Must be earthed

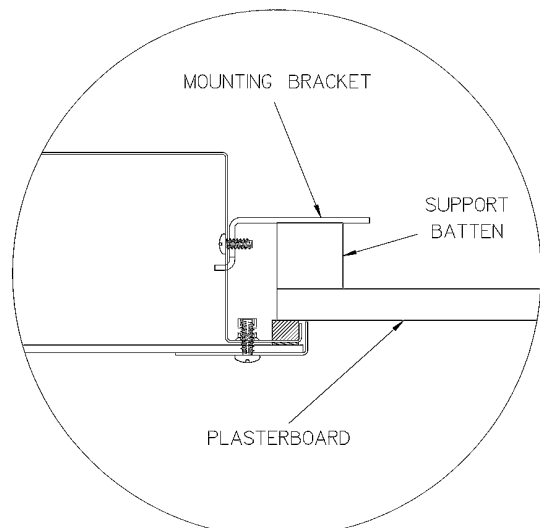
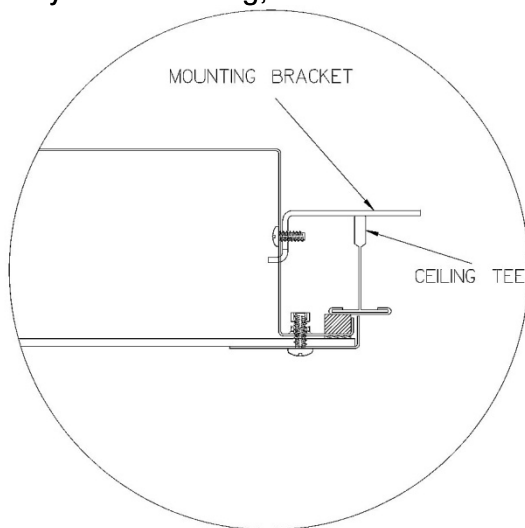
Ambient temperature range: -10°C to +25°C

Electrical supply: 240V 50Hz (unless marked otherwise)

The Body and the Diffuser Frame are manufactured from CR4 mild steel and are iron phosphate pre-treated prior to applying the RAL 9003 gloss polyester powder coating finish. Alternative finish colours are available on request.

The gaskets material is closed cell EPDM, Diffusers are available in opal acrylic or polycarbonate, as required.

The LDIP is supplied with galvased corrosion resistant mounting brackets which effectively clamp the body into the ceiling, see sketches below:



### Installation

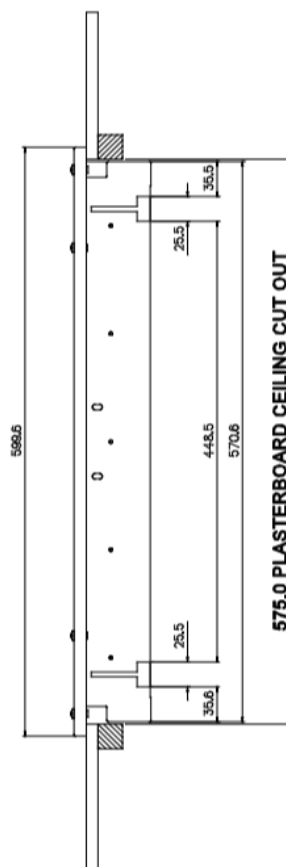
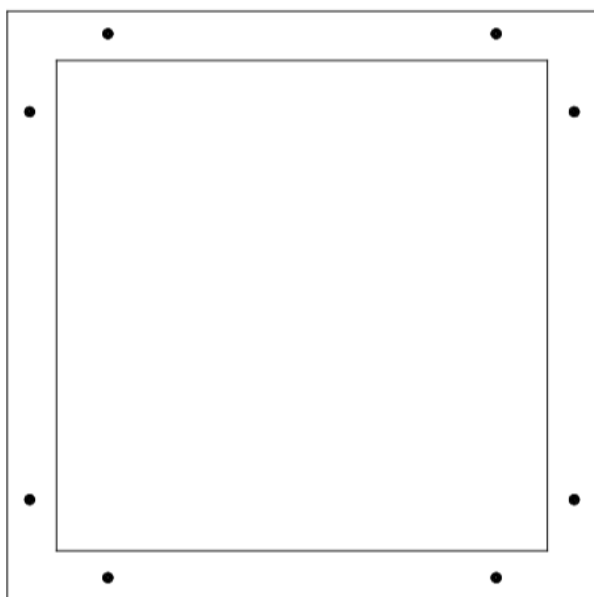
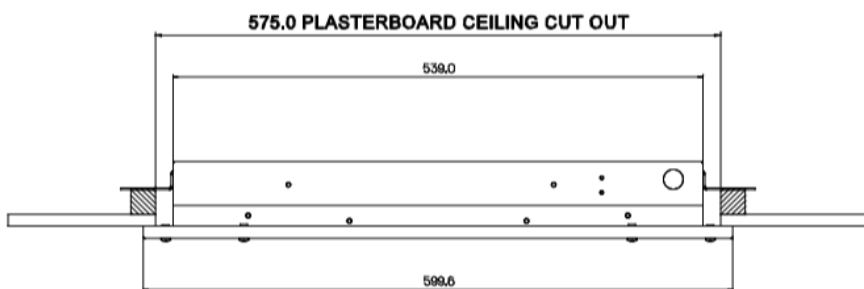
- a) Installation should be carried out by a qualified and competent electrician.
- b) Ensure that the electrical supply is disconnected before commencing installation.
- c) Remove the frame section by unscrewing the diffuser frame fixing screws.
- d) Before installation ensure that the ceiling is adequate to carry total luminaire weight.
- e) Feed incoming mains supply cable through the 20mm hole on the rear of the body and offer the body up into the aperture. Ensure that the rear of the body is not obstructed or covered by insulation or other materials. Fit the mounting brackets and ensure that the upper body gasket is compressed against the ceiling to provide a seal.
- f) Connect the supply to the terminal block in the body, the fitting must be earthed.
 

Green/Yellow	- Earth (E)
Red or Brown	- Live (L)
Black or Blue	- Neutral (N)
- g) Refit the diffuser frame assembly onto body using the fixing screws.
- h) Switch on supply.

Retain this leaflet for future reference

The company reserves the right to change specifications, dimensions and descriptions without prior notice or public announcement





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