

We advise you read the following Instructions Fully Before Installing your Luminaire

Installation and Wiring Instructions for the 50-80W Amenity/Security Wall Lights

Application : The range of Amenity/Security Wall Lights has been designed for a wide variety of external industrial and commercial environments. These include the localised illumination of walls and adjacent pathways of factories, warehouses, sports halls and most industrial/commercial buildings.

Specification :

- * Supply voltage 240Vac, 50Hz (unless otherwise specified)
- * Maximum weight of the fitting is 3.0Kg
- * Class II classification for protection against electric shock
- * Base and diffuser frame fabricated from polycarbonate
- * Ambient temperature -30°C to $+25^{\circ}\text{C}$ SON
and -20°C to $+25^{\circ}\text{C}$ (MBF and Metal Halide)
- * IP65

Fusing :

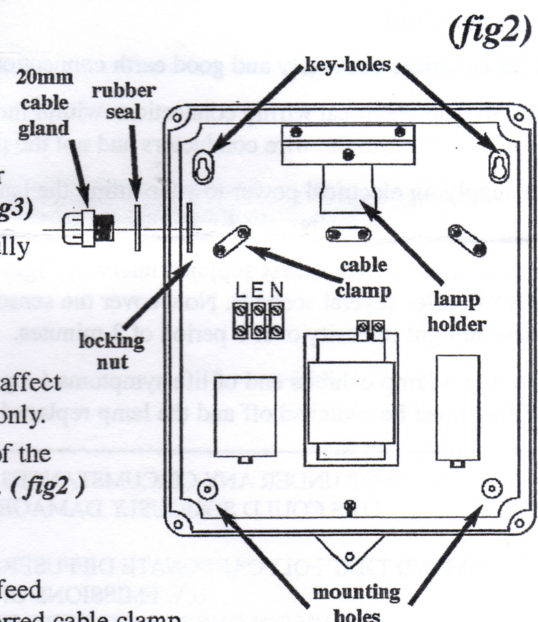
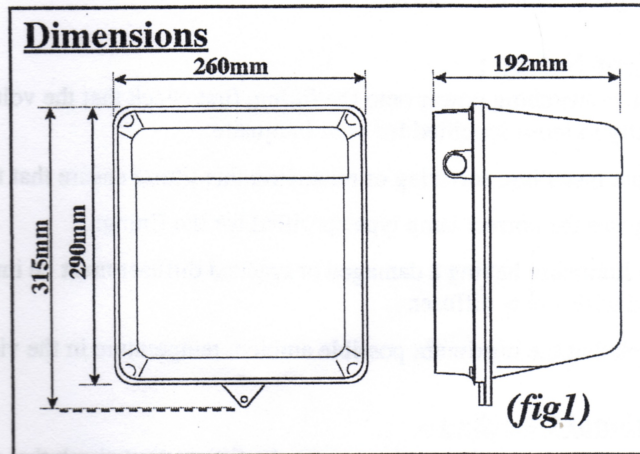
Fuse rating (Amps), HRC/MBC
50-80 Watts, 4 Amps (1-4 fittings per circuits)
50-80 Watts, 6 Amps (5-6 fittings per circuits)

Installation

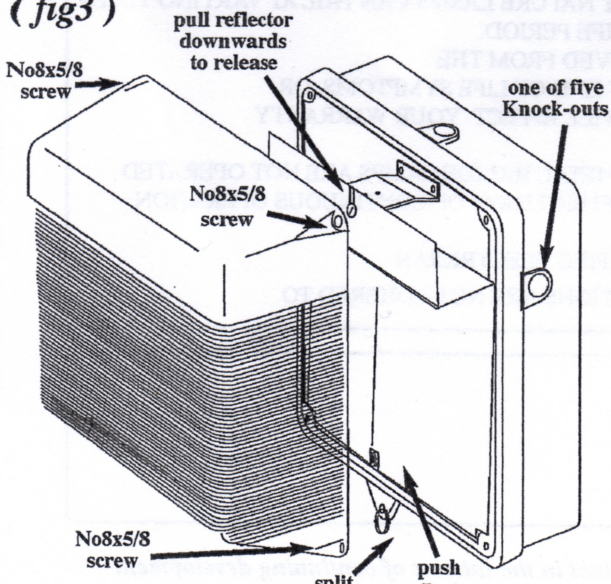
- (1) Take the fitting from its packing box and locate the small plastic bag containing split ring, four No8x5/8 screws, four nylon washers and a 20mm cable gland complete with associated locking nut and rubber seal.
- (2) Remove the reflector by first loosening the two securing screws, but do not unscrew, now slide the top of the reflector down, enough to release the reflector from the location slot, then release the lower half by lifting the reflector out. (fig3)
- (3) A knock-out for a 20mm cable gland is located on each side of the base. Carefully remove the desired knock-out and then secure the 20mm cable gland provided. To maintain the IP integrity of the luminaire, correctly locate and secure the associated rubber seal and locking nut. (fig2)

Never wire the fitting using flat 'twin & earth' cable since this could adversely affect its IP rating. Use a minimum of 2.5mm^2 mains cable, of circular cross-section only.

- (4) Now prepare the two key-holes and two mounting holes positions on the base of the luminaire, then secure the base in its desired location, using appropriate screws. (fig2) Ensure that the IP integrity of the fitting is not impaired by the way you secure the screws through the base.
- (5) Once the base is secured, check that the mains supply is switched off, and then feed the cable through the selected cable entry and then secure the cable via the preferred cable clamp. Ensure that you have sufficient spare cable inside the fitting to make the required connection.



(fig3)



- (6) Now make the wiring connections from a suitably fused mains supply to the luminaire 'N' denotes (Neutral), 'E' (Earth) and 'L' (Live).
- (7) Once all the wiring is complete relocate the reflector into the base and secure it via the two securing screws.
- (8) Carefully screw the appropriate lamp into the lamp holder.
- (9) Now secure the diffuser via the four No8x5/8 screws, tighten only enough to maintain the IP integrity of the luminaire. (fig3)
Note: to avoid damage to the diffuser do not over tighten the above four screws.
- (10) Finally fit the split ring through both the diffuser and main body.

