

GENERAL INFORMATION

- 1) A qualified electrician, in accordance with IEE wiring regulations should carry out connection to mains wiring.
- 2) Class I luminaire
- 3) Ensure that the rated voltage and frequency requirements are compatible with the available mains supply.
- 4) Cleaning of reflectors and lenses should be carried out using clean, soft and lint free cloths and anti-static cleaning fluid
- 5) Do not carry out high voltage insulation test, i.e. 500/1000v this may damage internal components.

Addition Notes: -

Cleaning the Diffuser.

We recommend the diffuser/s should be cleaned using a damp, clean and lint free cloth.

Do not clean LED's

This product has been fitted with an LED array. Do not touch or attempt to clean the LED array as it is easily damaged.

Chemical Resistance

Please read 'The working environment and your LED luminaire' (295L1), a copy is sent with each luminaire.

TECHNICAL SUPPORT

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<http://www.whitecroftlighting.com/>



MARCH 2018 - Rev A



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Registered No. 3848973 England

Registered Office: As above

Specifications: -

Supply 230-240V~ 50Hz

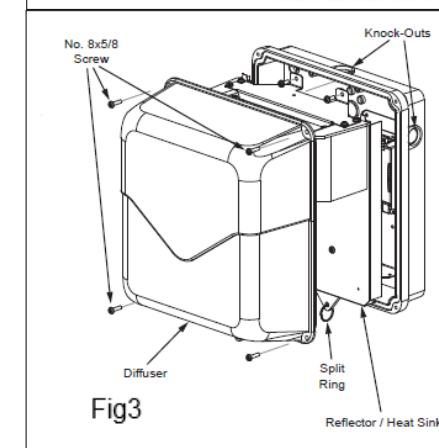
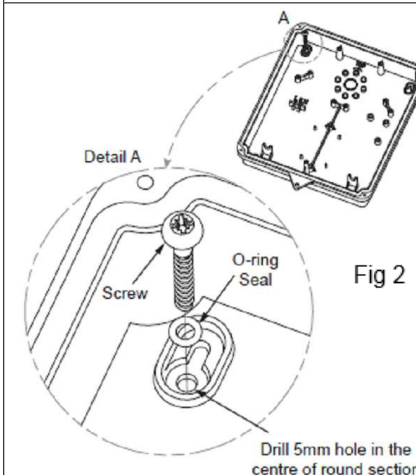
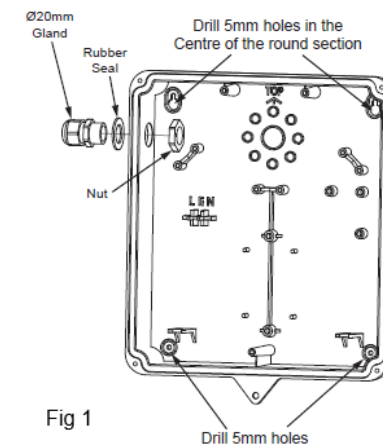
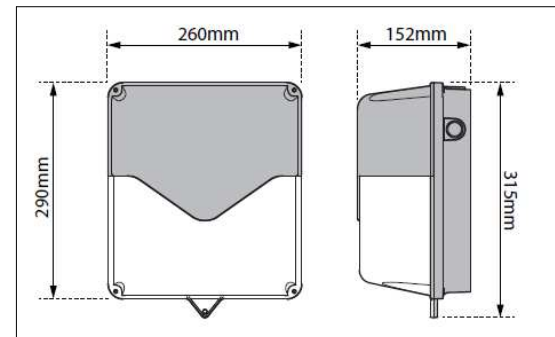
Colour Temp 4000K

Operating Temp -10°C to +25°C

Connection Minimum 2.5mm² Round Cable

Ingress Protection IP65

EM Temperature rating 0 to 25 degrees C



1). Remove the fitting from its packaging.

2). Prepare suitable fixings and a 20mm diameter gland kit (supplied by others) to ensure the IP65 rating is maintained.

The following recommended installation components can be obtained from Radio Spares (RS Components) or equivalent:

RS Code 483-3242 No.10 x 38.09mm, Plain Stainless Steel Round Wood Screws.

RS Code 129-000 RS Pro Fluorocarbon Elastomer O-Ring, 4.47mm Bore, 7.93mm outside diameter.

RS Code 521-3065 Rawl fixings Wall Plug 68565, fixing hole diameter 7mm, length 30mm.

A split ring is supplied to allow the diffuser to be lowered during installation and maintenance.

3). Remove the reflector / heat sink by first loosening (but not removing) the bottom securing screws of the reflector. Remove the two top screws of the reflector, and remove the reflector / heat sink from the body. The 4 holes in the base are arranged in a rectangle. In the horizontal they are on 200mm fixing centres and in the vertical they are on 231mm fixing centres.

4). Ø20mm drill-outs for cable glands are located on either side and on the rear of the body. Carefully remove the desired drill-out and clean (deburr) remove all rough edges enabling the gland to tighten up onto a smooth surface.

5). Fit the gland as shown ensuring the washer is on the outside (Fig 1).

6). Using a round cable only with diameter of between 9-12mm, insert it through and tighten. Ensure the cable is rated for the local conditions.

7). Drill 4x Ø5mm dia holes in the base of the fitting. Mark the location of the mounting holes on the mounting surface (ensuring that the top of the fitting is in the correct orientation). (Fig1&2)

a). If using wall plugs, drill a Ø7mm hole, 45mm deep.

b). If not using wall plugs (eg. for wood) drill a Ø4mm hole, 40mm deep.

8). Using the screws with the O-ring seal fitted, screw them into the holes until the O-ring seal is compressed. Do not use excessive force as this will damage the O-ring seal.

9). Once the base is secured, check that the mains supply is isolated and then feed the supply cable through the selected cable entry. Secure the cable via the saddle-bar, ensuring enough spare inside the fitting to make required termination.

10). Make the wiring connections from a suitably fused mains supply to the luminaire; Live, Earth and Neutral wires can now be connected to the terminals of the 3- way screw connector block, taking special note of the L E N positions.

11). Once all the wiring is complete, relocate the reflector / heat sink into the base and secure.

12). Secure the diffuser using the four screws supplied. Tighten only enough to maintain the IP integrity of the luminaire (Fig 3). NOTE: to avoid damaging the diffuser – do not over tighten the fixing screws (Fig 3).

13). Finally fit the split ring through both the body and diffuser.