GENERAL INFORMATION

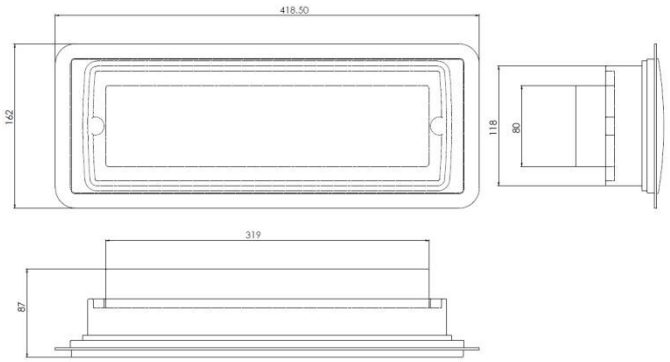
1. A qualified electrician, in accordance with IEE wiring regulations should carry out connection to mains wiring.
2. Ensure that the rated voltage and frequency requirements are compatible with the available mains supply.
3. Cleaning of reflectors and lenses should be carried out using clean, soft and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

SPECIFICATION

Lamp types	16 x 4200K white LED (CRI>80)
Materials	White polycarbonate base/ clear lens
Supply Voltage	230 Volt (220-240V) ~ 50Hz
Supply Current	Maintained: 31mA
Power	6.7W
Ingress protection	IP65

DIMENSIONS

WEIGHT	1.8 kg
Ø	
H	85mm
L	420mm
W	165mm



Whitecroft lighting

Egress 65

Installation Instructions

Leaflet Avante Part Number

Release Date- Rev Number

Whitecroft Lighting Limited

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Telephone +44 (0)870 5 087 087 Facsimile: +44 (0)870 5 084 210
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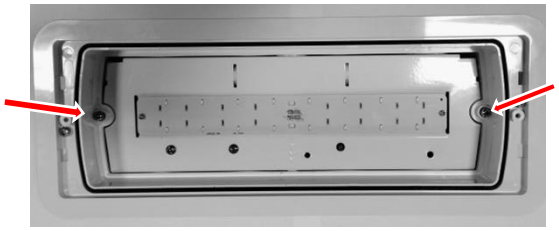
Registered No. 3848973 England Registered Office: As above

INSTALLATION DETAILS

1. Remove the diffuser from the body using two crosshead screws. (Diffuser also clips onto the body to assist assembly, if necessary insert screwdriver to prise diffuser away).

2. Release gear tray housing from the ceiling bracket by undoing two screws (shown in the image below). Fix the mounting bracket (base) into suitable cut-out in ceiling (approx. 390 x 140mm).



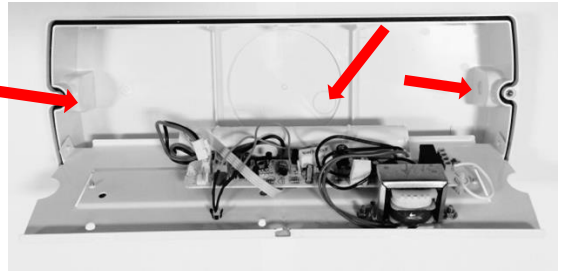
Screws to release gear tray from ceiling bracket.

3. Turn the crosshead screws at each end so the fixing arms swing out and clamp down on the mounting surface. You may need to hold the fixing arms out if necessary.

Fixing arms hold recessed bulkhead in the ceiling.

4. Hinge the gear tray open by wedging a screwdriver where the arrow mark is. Clear an access hole in the gear tray housing for the cable. The access holes are located at either end of the body or on the bottom surface.

Arrows show cable access holes



5. Wire up the luminaire in accordance with wiring regulations. An un-switched 240V A.C. supply must be connected to live (L), earth (E), and neutral (N) terminals on the PCB. On maintained variants switched illumination is provided by connecting a switched live (L).

6. Plug the battery lead into connector on PCB for emergency versions.

7. Hinge the gear tray back into the housing (will snap into place) and secure back into the mounting bracket in the ceiling with two screws.

8. Refit the diffuser and tighten screws to ensure good seal.

9. Check operation- restore A.C. supply. On emergency versions check the indicator LED is ‘on’. Leave for 30 minutes, remove power and the lamp should illuminate for a few seconds.

10. Restore A.C. supply and check lamp operates on mains and maintained versions.

EMERGENCY OPERATION

NON-MAINTAINED
LED’s normally off and battery on automatic charge (green LED ‘on’) when the A.C. supply is healthy. Solid state circuitry automatically switches the LED’s on when the A.C. supply is interrupted.

MAINTAINED
Emergency LED’s are normally on. The battery is on automatic charge (green LED ‘on’) LED’s will switch on or remain on if A.C. supply is interrupted.

MONITORING
Green indicator lamp (LED) normally continuously ‘on’. Indicator goes out if A.C. supply or charger fails.

BATTERY
Sealed nickel cadmium rechargeable battery pack.

TEMPERATURE
Performance figures measured at 25 degrees C.

FAULT FINDING AND CORRECTIVE ACTION

MONITORING LED (GREEN) NOT ILLUMINATED
A.C. supply not healthy. Battery not connected. Charger failed.

UNIT NOT MEETING REQUIRED EMERGENCY PERIOD
May need cycling: discharge then recharge for full 24 hours. Re-test. Battery may need replacing if emergency duration still not met.

LED'S NOT ALL FULLY ILLUMINATED
LED's or PCB failed. The printed circuit board needs replacing.

RECOMMEDNED ROUTINE TEST PROCEDURE
The following test is designed to ensure the continued protection of your premises and occupants. All tests should be undertaken at times of least risk, e.g. during daylight hours.

ONCE A DAY
Visual inspection of battery charge LED

ONCE A MONTH
Unit should be energised from its battery for 15 minutes, simulating failure of normal lighting supply, ensuring the LED's operate in emergency conditions.

ONCE A YEAR
Unit should be energised from its battery for full duration. Inspect LED's, if failures occur a whole unit replacement will be required.