

GENERAL INFORMATION

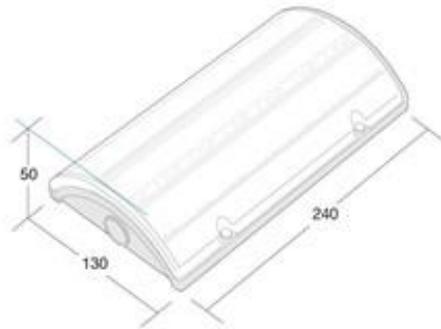
1. A qualified electrician, in accordance with IEE wiring regulations should carry out connection to mains wiring.
2. Ensure that the rated voltage and frequency requirements are compatible with the available mains supply.
3. Cleaning of reflectors and lenses should be carried out using clean, soft and 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 Volts (220-240V) ~ 50Hz
Supply Current	Maintained: 38mA Mains only: 22mA (5VA)
Power	5.6W
Ingress protection	IP65

DIMENSIONS

WEIGHT	1.4 kg
Ø	
H	50mm
L	240mm
W	130mm



Convex



Installation Instructions

Leaflet Avante Part Number

Release Date- Rev Number



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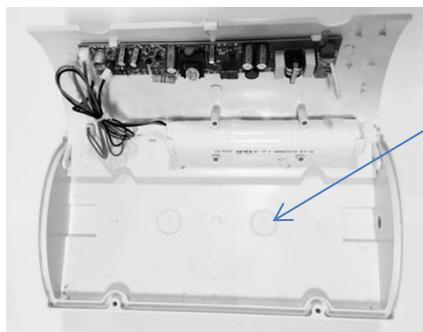
Registered No. 3848973 England

Registered Office: As above

INSTALLATION DETAILS

Standard Bulkhead

1. Remove the diffuser from the body using the four crosshead screws.
2. Release gear tray by using screwdriver and gently levering at the arrow marks allowing the gear tray to hinge open.



Cable access holes

3. Fix base to wall or ceiling either direct or via conduit box having cleared an access hole in the body for the cable. (See figures above/below for hole details).

Fixing holes



4. Wire up the luminaire in accordance with wiring regulations. An un-switched 240V A.C. supply must be connected to the live (L), Earth (E) and Neutral (N) terminals on the PCB. On maintained variants normal switched lighting can be provided by connecting a switched live terminal 'L'.
5. Check that the battery lead and the LED leads are plugged into their appropriate connectors on PCB.
6. Hinge the gear tray closed back into the base and it will 'click' secure.

7. Refit diffuser and tighten screws carefully to ensure good seal. Making sure not to over tighten.
8. Check operation- restore A.C. supply. On emergency versions check the indicator LED is 'on'. Leave for 30 minutes, remove power and the LED's should illuminate for a few seconds.
9. Restore the A.C. supply and check LED's operate on mains and maintained versions.

Bulkhead with blade legend

Follow steps from standard bulkhead installation details. After step 7 fit the blade to the slotted diffuser using the plastic push rivets. Continue to step 8 after the blade has been fitted.

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.

RECOMMENDED 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.