

Low Voltage Emergency Pack

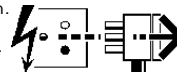
4163000



This Product MUST be EARTHED

IS5523A

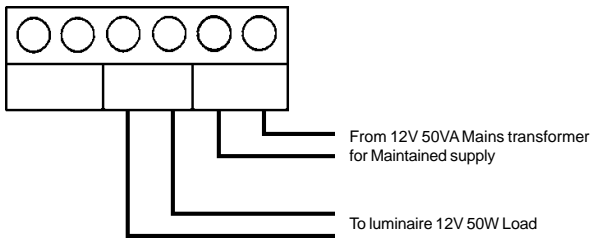
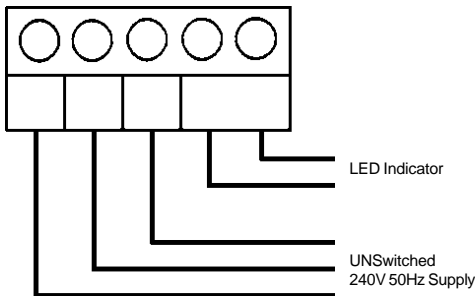
Disconnect from mains supply before replacing the fuse or the lamp.
 Vor dem Einsetzen der Sicherung oder der Lampe Spannungsfreiheit herstellen.
Débrancher le secteur avant de remplacer le fusible ou l'ampoule.
 Desconectar del suministro de la red, antes de realizar la sustitución del fusible o de la lámpara.
Voor het vervangen van lamp of zekering, eerst netspanning uitschakelen.
 Koppla bort spänningen före byte av en säkring eller en lampa.



Switch Off
 Abschalten
Débrancher
 Desconectar
Uitschakelen
 Stäng av

Aperture (A)	MIN. Ceiling Void (B)
76mm	225mm
90mm	185mm
95mm	175mm
125mm	125mm

Based on 12mm Ceiling thickness



This Emergency pack is suitable for interior ceiling mounting and is designed for maintained or non-maintained emergency operation with a duration of 3 hours.

Installation should be carried out by a suitably qualified person in accordance with good electrical practise and the appropriate national wiring regulations.

Switch of mains electrical supply before commencing installation.

Installation Procedure

Remove cover (A).

Connect luminaire (12V 50W) to terminals marked 'LOAD' in terminal block (B).

Connect mains Unswitched supply leads to terminals marked L, N and E in terminal block (D).

Install LED in a visible position on or adjacent to luminaire. A 6.5mm diameter hole is required for the LED.

Connect LED leads to terminals marked '+ LED -' in terminal block (C).

Maintained Mode: Connect 12V output leads from external transformer to terminals marked 'EXT.AC' in terminal block (B) for normal switched mode operation.

Enter supply connection date on battery pack label (H).

Connect battery plug (F), and socket (G).

NOTE: Pack is protected by a 3A fuse (E).

Testing (PTO)

Switch on mains supply and check that the LED charge indicator lamp is on.

Leave luminaire on continuous charge for 24 hours.

With full battery charge, simulate mains failure, and check that the LED lamp operates for 3 hours. If full duration of 3 hours is not achieved, repeat charge/discharge cycle as battery packs may have discharged in stock and will require conditioning.

WARNING:

Ensure Emergency pack is installed within 1 metre of luminaire.

NOTES:

Pack must be installed in a dry environment where ambient temperature does not exceed 25°C.

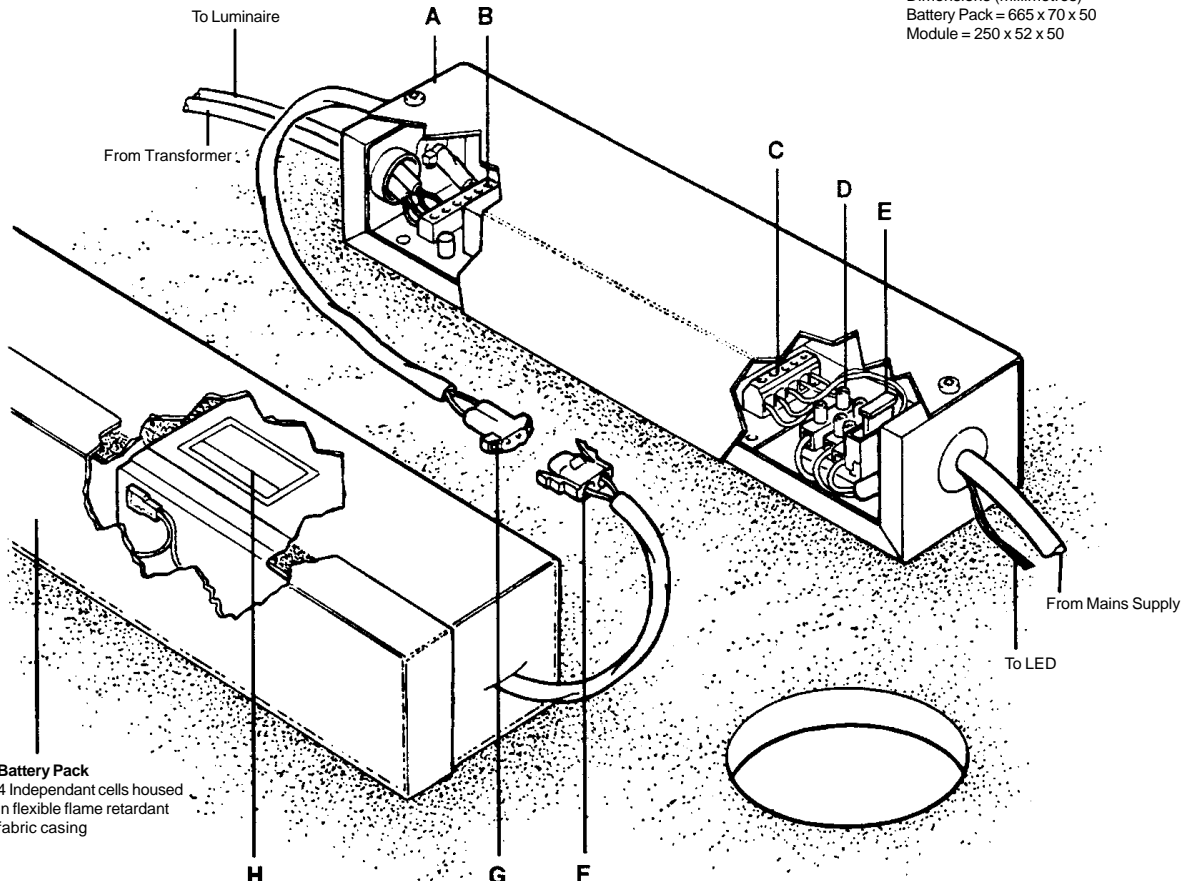
Batteries should be changed every four years. It is advisable to test battery function in accordance with unit test card (PTO).

Batteries must be checked twice annually after third year of operation. This can be done by operating luminaire from the batteries for half the rated duration.

Dispose of batteries in accordance with local By-Laws.

WEIGHTS:
 Battery Pack = 2.52Kg.
 Module = 0.66Kg.

Dimensions (millimetres)
 Battery Pack = 665 x 70 x 50
 Module = 250 x 52 x 50



Routine Maintenance

Routine maintenance must be carried out in compliance with the requirements of BS5266:Part 1 - Emergency Lighting of Premises.

The following tests assume a three-hour system.

- Daily:**
1. Check that any recorded faults have been rectified.
 2. Check that the maintained emergency lamp is operative.
 3. Check that the charge indicator light is illuminated.
- Monthly:**
(Functional)
1. Simulate a mains failure and check that the emergency lamp illuminates and remains on for several minutes.
 2. After reverting back to mains supply check the charge indicator light is illuminated.
- Six Monthly:**
(1 Hour)
1. Simulate a mains failure and check that the emergency lamp illuminates and remains on for one hour.
 2. After reverting back to mains supply check the charge indicator light is illuminated.
 3. On restoring the mains supply the unit will require approximately 24 hours to recharge before becoming fully operational.
- Three Years:**
(3 Hours)
1. Simulate a mains failure and check that the emergency lamp illuminates and remains on for at least 3 hours.
 2. After reverting back to mains supply check the charge indicator light is illuminated.
 3. On restoring the mains supply the unit will require approximately 24 hours to recharge before becoming fully operational.

It is recommended that the battery packs and lamps are replaced every 4 years or sooner if the units performance fails to meet the above requirements. To maintain optimum unit performance, only approved replacement battery packs and lamps must be used.

All routine maintenance checks must be recorded on the unit Routine Test Record and must be made available for inspection at all times.

Installation and Commissioning Record

Luminaire Model Ref: _____ Location: _____
Installed By: _____ Date: _____
Commissioned by: _____ Date: _____
(Full Charge and Discharge Cycle)

Routine Test Record

Monthly Test	First Year		Second Year		Third Year		Forth Year		Fifth Year	
	Signed	Dated	Signed	Dated	Signed	Dated	Signed	Dated	Signed	Dated
Functional										
Functional										
Functional										
Functional										
Functional										
1 Hour Duration										
Functional										
Functional										
Functional										
Functional										
Functional										
1 Hour Duration										
3 Hour Duration										

Suitable for use indoors

Geeignet für Innenanwendung

Pour un usage interne

Adecuada para uso en interiores

Geschikt voor gebruik binnen

Lämpig för inomhusbruk



Replace any cracked protective shield.

Dieses symbol bedeutet, dass defekte Schutzgläser sofort ersetzt werden müssen.

Ce symbol indique que vous devez remplacer tout verre de protection fêlé.

Este simbolo indica que hay que reemplazar filtros en caso de rotura o desperfectos.

Dette symbolet indikerer at alle ødelagte (sprukne) sikkerhetsglass må skiftes.

Valaisinta el saa käyttää ilman suojalasia vioittunut suojalasi on vaihdettava uuteen ennen valaisimen käyttöön ottoa.



< Millimetres >



This Electrical Product
MUST be recycled.



01.08

Concord

Avis Way Newhaven East Sussex BN9 0ED
T 0870 606 2030 F 01273 512 688 email: information@concordmarlin.com



© Concord Lighting Ltd.