

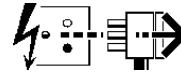
Monitor Bulkhead Emergency

Installation Instructions  This Product MUST be EARTHED

IS5354A

4045990 4045994 4045998 4046007 4046012
4046017 4147789 4156833 4158093 4163726
4164281 4164697 4164912 4165184 4165186
4166281 4166651

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

This luminaire is designed for maintained emergency operation with a duration of 3 hours and is suitable for exterior wall or ceiling mounting.

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

Switch off mains electrical supply before commencing installation.

WARNING: Luminaire must be earthed.

WARNING: Do not insulation test HF Bulkhead.

NOTE: Luminaire should only be cleaned by using warmsoapy water and a soft cloth. Ensure luminaire is switched off during cleaning

Dispose of lamps in accordance with manufacturers instructions.

Installation Procedures

Remove trim/diffuser assembly (H) from housing (A).
NOTE: Partially undo each screw in turn, repeat until all screws are free.

Check rating on label (G) conforms with mains electrical supply.

Unscrew gear plate (E) fixing screws, insert fingers in cut-outs (D) and pull gear plate from housing (A).

Fit supplied grommets (J and L) in housing (A).

Recessed Conduit Box Mounting
Stick self adhesive gasket (M) on rear face of housing (A) and drill M4 clearance holes for conduit box screws.

Outrigger Fixing
Drill 5mm clearance holes (B) in housing for outrigger screws.

Prepare suitable fixings in mounting surface for outrigger screws.
NOTE: Housing is marked 'TOP' if wall mounting.

Pierce grommet and feed supply cable into housing.

Secure housing (A) to conduit box if applicable using M4 screws.
NOTE: Also use outrigger fixings to secure housing.

Secure housing to mounting surface using suitable screws with supplied seal washers (C).
NOTE: Sealing face of washer to face housing.

Cover line and neutral supply leads with supplied silicone sleeving and connect leads in respectively marked terminals in terminal block (K).

Enter installation date on battery pack label (R).

Connect battery plug (N) in module socket (P).

Fit gear plate (E) on housing (A).

Fit appropriate lamp as indicated on label (G).

Fit perimeter light seal (S) on housing and secure trim/diffuser (H) to housing (A).

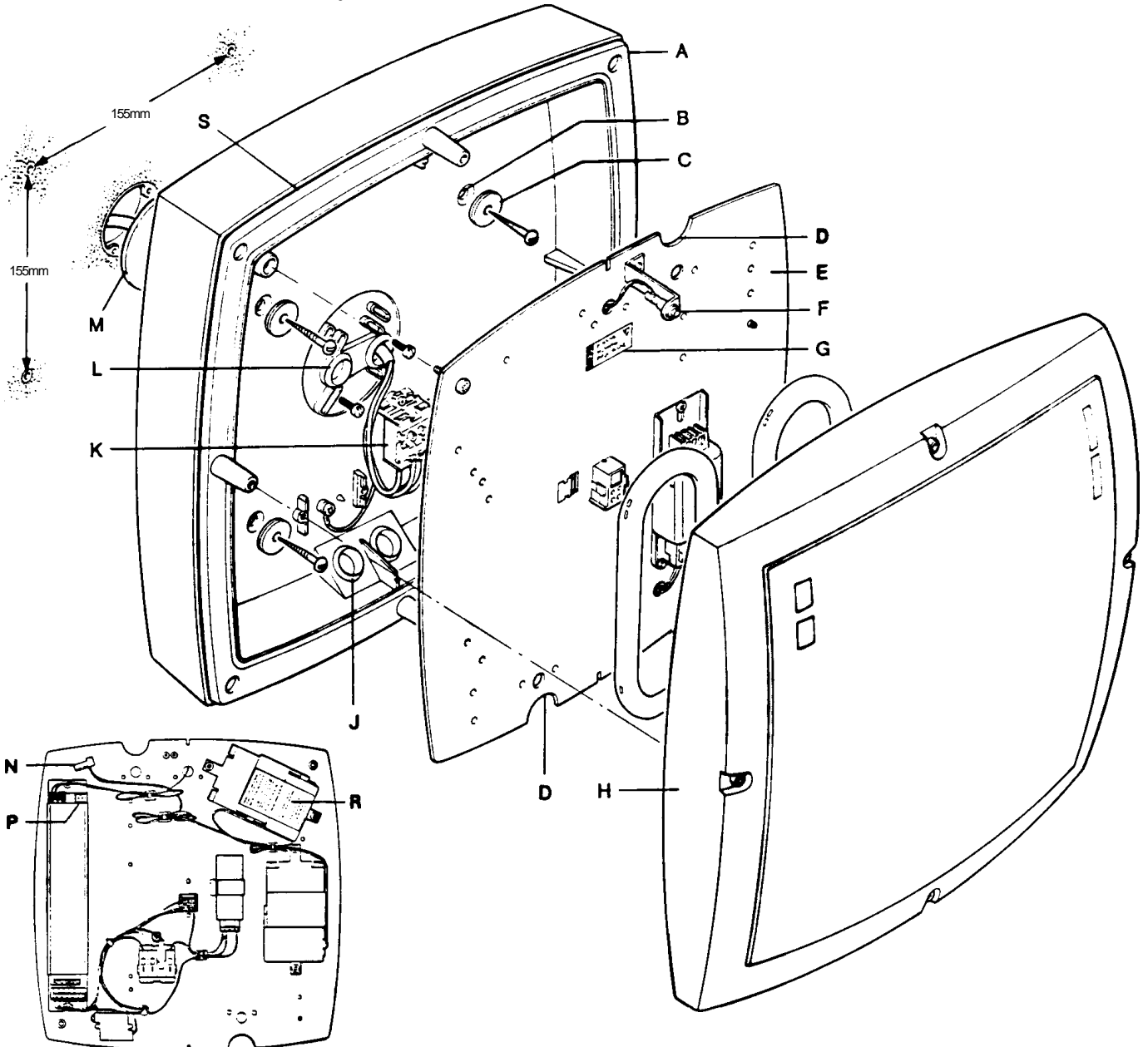
Testing (PTO)

Switch on mains supply and check that the charge indicator lamp (F) is on.

Leave luminaire on continuous charge for 24 hours.

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

NOTE: To achieve stated IP rating, grommets should be pieced to accept and form a tight seal on round sheathed cable. Any other form of cable must be sealed in grommet using a waterproof adhesive sealant.



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

Lämplig 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.