

Installation Instructions and Care

Operation Checks

Periodic testing should be carried out monthly by simulating a failure of supply, causing the fitting to be energised from its battery. Interruption of the supply should be carried out by the operation of a local keyswitch or other isolation device. During this period all fittings should be examined visually to ensure that they are functioning correctly. At the end of the test period the supply shall be restored and all indicator lamps or devices checked to ensure that the normal supply has been restored.

The duration of the simulated failure shall be:-

Each Month: Isolate the power supply and check the light is illuminated. This test should last for no more than 45 minutes. Endorse the test record form supplied.

Every Six Months: Isolate the power supply and check that the light is still illuminated after 1 hour. Endorse the test record form.

Once Each Year: Isolate the power supply and check that the light is still illuminated after 3 hours. Endorse the test record form.

Important Notes: Please keep this instruction booklet and test record in a safe place. A fire officer or other authorised person may want to see your record of inspection and testing.

The ballast and control gear must be operated only within the enclosure supplied. The gear must not be operated outside of the enclosure.

The battery charging circuit and DC ballast are separated from the mains by at least basic (single layer) insulation.

When energised by a constant mains supply, the battery will be constantly charged whether or not the lamp is illuminated. On failure of the constant mains supply, the fitting will switch automatically using transistorised switching from battery charging to battery discharge powering the lamp whether or not the lamp was illuminated before the power failure. Both the mains and battery supplies incorporate fuse protection: see fitting for location and rating.

Safety Markings



Cleaning

Clean this light fitting only with a soft dry cloth. Do not use any chemical or abrasive cleaners.

If you experience problems...

If your light is defective or develops a fault, please return it to the place where you bought it. You can call our Helpline for advice. The Helpline will gladly give advice on any aspect of any Eterna Lighting product but may not be able to give specific instructions regarding individual installations. **If in doubt, consult a qualified electrician.**

Help Line - Tel: **01933 673 144** Fax: **01933 678 083** Email: sales@eterna-lighting.co.uk
For all other information visit our website www.eterna-lighting.co.uk

Lamp Replacement

1. Switch off the electricity at the mains.
2. Remove the diffuser. **Note:** When diffuser is removed, fitting is not fixed in place.
3. Twist and withdraw the tube.
4. Insert new tube.
5. Restore the power and perform operation check.
6. Replace diffuser.

Replacement Lamp Type

Wattage: 8W
Type: T5 Fluorescent Tube

Replacement Battery Type

2.4V Ni-Cad 2 x D cells
7030-0621

Battery Replacement

If after routine operation check, the lamp does not remain lit for the three hour period, a new battery pack may be required.

1. Switch off the electricity at the mains.
2. Allow batteries to fully discharge then reconnect to supply and allow to charge for 24 hours.
3. Test again for 3 hours, if light does not remain lit change the battery pack as follows:
4. Remove the diffuser.
5. Remove the two screws indicated on the gear tray and open the fitting.
6. Unplug the battery lead from the circuit board.
7. Remove the two screws in the top of the gear tray beneath the lamp that secure the battery pack in place and lift the battery pack out of the fitting.
8. Write current date on the new battery pack.
9. Fit new battery pack securing in place using the screws removed from the old pack.
10. Plug battery pack into circuit board.
11. Close and secure gear tray.
12. Replace diffuser.
13. Restore power and allow to charge for 24 hours.
14. Perform full operation check and update test record.

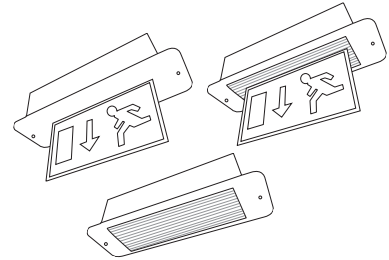


SAFETY AND INSTALLATION INSTRUCTIONS

Model: Recessed Emergency Fitting

REM3RDDCR/REM3RDD - Slotted Reeded Diffuser with Exit Sign
REM3MDD/REM3MDDCR - Slotted Metal Plate with Exit Sign
REM3RD/REM3RDCR - Reeded Diffuser

IMPORTANT! Please read these instructions before installing your new fitting. Please retain for future reference.



Pack Contents

- 1 x Recessed Emergency Fitting
- 1 x Front Panel c/w either:
 - Reeded Diffuser
 - Hanging Sign Panel
 - Hanging Sign Panel and Reeded Diffuser

General Information and Safety Instructions

Read this first

Check the pack and make sure you have all of the parts listed on the front of this booklet. If not, contact the outlet where you bought this product.

This product contains glass, care must be taken when assembling, fitting or handling to prevent personal injury or damage to the product.

This light fitting must be installed by a competent person in accordance with the Building Regulations making reference to the current edition of the IEE Wiring Regulations (BS7671). The Building Regulations may be obtained from HMSO or viewed and downloaded from www.communities.gov.uk following the link for Building Regulations.

As the buyer, installer and/or user of this product it is your own responsibility to ensure that this fitting is fit for the purpose for which you have intended it. Eterna Lighting cannot accept any liability for loss, damage or premature failure resulting from inappropriate use.

If in any doubt, consult a qualified electrician.

This product is designed and constructed according to the principles of the appropriate British Standard and is intended for normal service. Use of this fitting in any other environment, for example in higher than normal ambient temperatures, may result in a foreshortened working life.

The lamp (tube) and batteries supplied with this fitting are consumable parts and therefore may be outside of any warranty offered.

Switch off the mains before commencing installation and remove the appropriate circuit fuse.

When working at heights, please use a suitable platform.

Suitable for indoor use only.

This product is suitable for installation on surfaces with normal flammability (indicated by the "F" in a triangle) e.g. wood, plasterboard, masonry. It is not suitable for use on highly flammable surfaces (e.g. polystyrene, textiles).

This product is suitable for mounting in plasterboard ceilings, suspended ceilings* and similar board surfaces.

*check specification of ceiling for suitability.

Before making fixing hole(s), check that there are no

obstructions hidden beneath the mounting surface such as pipes or cables.

The chosen location of your new fitting should allow for the product to be securely mounted and safely connected to the mains supply (lighting circuit).

Do not attach to surfaces which are damp or freshly painted.

If the location of your new fitting requires the provision of a new electrical supply, the supply must conform with the requirements of the Building Regulations making reference to the current edition of the IEE Wiring Regulations (BS7671).

This product is designed for permanent connection to fixed wiring: this should be either a suitable lighting circuit (protected with a 5 or 6 Amp MCB or fuse) or a fused spur (with a 3 Amp fuse) via a fused connection unit.

Make connections to the electrical supply in accordance with the following code:

Live - Brown or Red
Neutral - Blue or Black
Earth - Green and Yellow

When making connections, ensure that the terminals are tightened securely and that no strands of wire protrude. Check that the terminals are tightened onto the bared conductors and not onto any insulation. Wrap loose terminal blocks well with insulating tape.

This product must be connected to Earth.

You are advised at every stage of your installation to double-check any electrical connections you have made. After you have completed your installation there are electrical tests that should be carried out: these tests are specified in the Wiring Regulations (BS7671) referred to in the Building Regulations.

If in doubt, consult a qualified electrician.

Eventually, you may want to replace this light fitting

When your light fitting comes to the end of its life or you choose to update or upgrade it by replacing it, please do not dispose of it with your normal household waste, please recycle where facilities exist. When you need to dispose of this fitting, check with your retailer or local authority for suitable options. New regulations require the recycling of Waste from Electrical and Electronic Equipment (European "WEEE Directive" effective August 2005—UK WEEE Regulations effective 2nd January 2007). Environment Agency Registered Producer: WEE/GA0248QZ



Installation Instructions and Care

Installation

- Undo the screws at each end of the diffuser or front plate and lift off.
- Decide which of the cable entries you need to use and remove one of the knock-outs if necessary.
- Cut the hole in your mounting surface using the dimensions, see Fig 1.
- Offer the fitting up through the hole in the ceiling and allow to rest with the two large ears on the top side of your ceiling, see Fig 2.
- Undo the screws at each end of the gear tray and allow to drop open.
- Thread the mains supply cable in through the hole in the back of the fitting.
- Make the electrical connections according to the colour code opposite. Take care not to leave any strands protruding from the terminals and to tighten all terminals securely. Ensure also that the terminals clamp onto the bare wire and not onto the insulation.
- To operate the fitting in non-maintained mode, remove the link from the terminals "S1" & "S2".
- If the lamp is to be switched, remove the link from between the terminals marked "S1" & "S2" and connect cables to and from your switch.
- Mark the current date on the battery pack.
- Connect the battery pack to the circuit board.
- Close the gear tray and secure using the screws removed earlier, see Fig 3.
- Check that the tube is correctly located in the lampholders.
- If you have chosen one of the drop-sign models, you need to fit the sign panel into the diffuser or slotted front plate:
 - Offer the top of the sign panel into the slot in the diffuser from beneath and press down on the top of the diffuser until it rests on the shoulders at the top of the panel.
 - Fit the small split-pins into the holes at each end of the top edge of the sign panel and bend the ends over to stop them from coming out again, see Fig 4.
- Replace the diffuser or front plate and tighten securely making sure that the fitting is properly located around the hole in your ceiling, see Fig 5.

Fig.1 Cut a hole in the ceiling

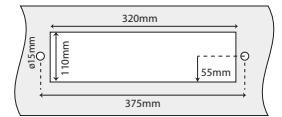


Fig.2 Place

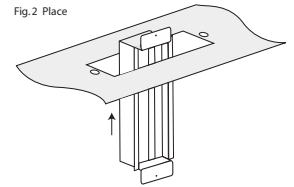


Fig.3 Adjust

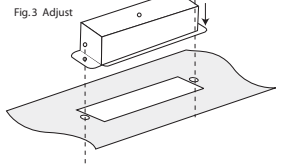
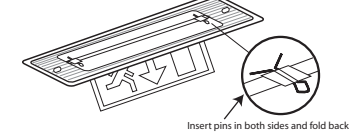


Fig.4 Insert Pins



Insert pins in both sides and fold back

Fig.5 Fix

