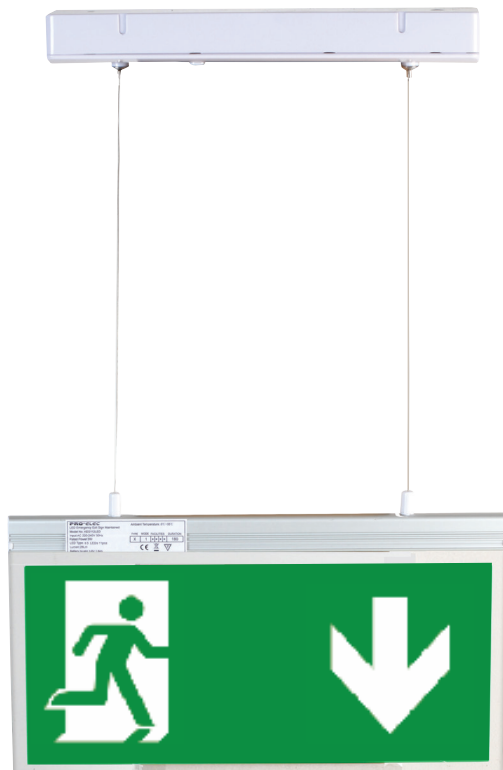


PRO-ELEC



Model No. PEL00580

**MAINTAINED
LED DOUBLE SIDED SUSPENDED
CEILING MOUNTED EMERGENCY LIGHT**

Please read these instructions carefully before starting installation and retain for future reference. The centre page test record can be removed and kept with the building fire safety records.

IMPORTANT SAFETY INFORMATION

RISK OF ELECTRICAL SHOCK. ALWAYS ISOLATE THE POWER AT THE MAINS BEFORE INSTALLING OR MAINTAINING THIS EMERGENCY LIGHT.

- The emergency light must be installed by a competent person in accordance with the Building Regulations and the current edition of the IET Wiring Regulations (BS7671).
- This product is suitable for mounting on normally flammable surfaces such as wood, plasterboard or masonry.
- Emergency light fittings should have their own separate mains circuit, protected with an appropriate MCB or fuse. They should not share their supply with other lighting or electrical equipment.
- The emergency light is suitable for connection to a 220-240V~ 50Hz.
- This emergency light is for indoor use only.
- Ensure that after installation the emergency light remains accessible for regular maintenance and testing.

INSTALLATION

NOTE: Before drilling any holes, check that there are no hidden obstructions behind the mounting surface such as pipes or cables and that the ceiling will bear the weight safely.

1. Remove the 2 recessed screws and pull off the front cover. The front cover will slide down the wire supports for the sign to allow easier access.
2. Offer up the sign in the location required and mark the fastening positions on the ceiling (232mm between centres)
3. Drill the ceiling and fit appropriate plugs (not supplied) if required.
4. Cut out the required wiring entry point marked on both the main casing and corresponding front cover inner lip position.
5. Feed the wiring through the access hole previously made.
Make connection to the supply using the terminal block provided. Ensure that the correct polarities are observed i.e.:
 - Brown – Live terminal 'L'
 - Blue – Neutral terminal 'N'.
 - Link wire 'L' to 'SW' can be removed to change between maintained and non-maintained.
6. Screw the main body to the ceiling using suitable screws (not provided).
7. Write the current date on the battery pack in the space provided.
8. Connect the battery to the socket on the PCB (see diagram)
9. Refit the front cover, which will slide up the wire supports by depressing the central ferrules on the chrome eyelets, making sure that it is securely screwed in place.
10. Turn on the power supply. The green LED should light to indicate that the battery is charging.
11. In maintained mode, the lamp will illuminate.
12. Perform the electrical tests specified in the Wiring Regulations (BS7671).

**Test Record Sheet on reverse
PULL OUT**

Installation, maintenance a

Location:

Installation date:

Installed by:

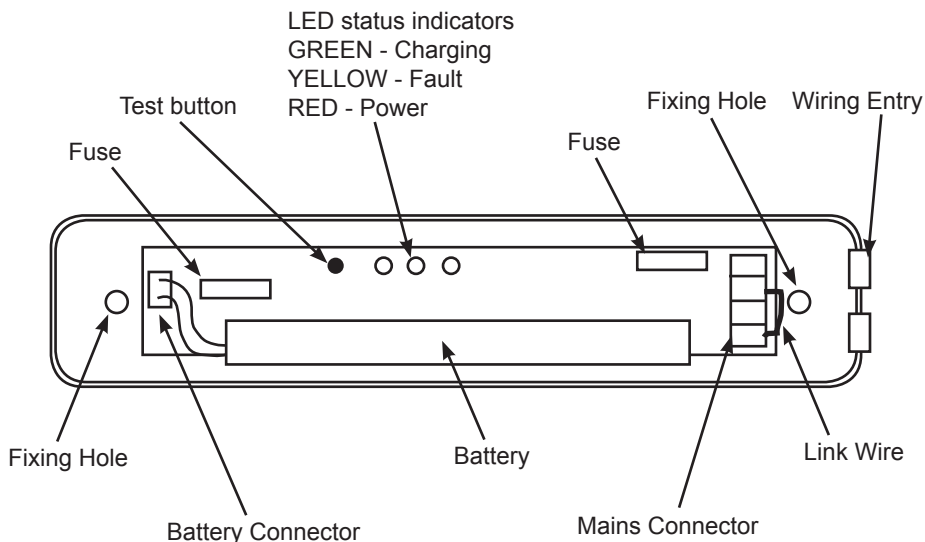
		20__		20__		2
Month	Test	Sign	Date	Sign	Date	S
1	Short					
2	Short					
3	Short					
4	Short					
5	Short					
6	1 hr					
7	Short					
8	Short					
9	Short					
10	Short					
11	Short					
12	3hr					

nd operation check record

Installation test duration:

0__		20__		20__	
Sign	Date	Sign	Date	Sign	Date

**Test Record Sheet on reverse
PULL OUT**



OPERATIONAL CHECKS

Note: This light fitting must be checked regularly in compliance with local regulation and codes of practice. For your own safety, testing should occur during the day.

- The LED's can be tested by pressing the TEST button on the bottom of the case. This simulates a power failure and the switches the lamp on to battery power.
- After installation, you should allow 24 hours for the battery pack to charge fully before testing.
- Isolate the power supply and check that the lamp remains illuminated for at least three hours. Restore the power supply.
- Each day: Check that the green charging LED is lit.
- Each month (short test): Isolate the power supply and check that the lamp remains illuminated. Record the results on the test record sheet included with these instructions.
- Every six months: Isolate the power supply and check that the lamp remains illuminated after 1 hour. Record the results on the included test record.
- Once each year: Isolate the power supply and check that the lamp is still illuminated after 3 hours. Record the results on the included test record.
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Please keep these test records in a safe place. A fire officer or other authorised person may want to see your record of inspection and testing.

CLEANING AND MAINTENANCE

- Clean the emergency light with a soft, dry cloth only. Do not use any solvents or abrasive chemical cleaners.
- The LED lamps in this luminaire are non-replaceable.

Changing the battery

- If after a routine operation check, the lamp does not remain lit for the 3 hour period, a new battery pack may be required. Change the battery pack as follows:
 1. Isolate from the mains supply.
 2. Remove the front cover.
 3. Unplug the 2 pin battery connector from the PCB.
 4. Remove the old battery pack.
 5. Write the current date on the new battery pack.
 6. Fit the new battery pack and secure in position.
 7. Connect the battery pack terminal connector to the PCB socket.
 8. Slide the front cover up the wire supports and reattach to the main body making sure that it is securely screwed in place.
 9. Restore mains power and allow to charge for 24 hours.
 10. Perform the full operation check and update the test record.

Changing the fuses.

1. Isolate from the mains supply.
2. Remove the front cover and carefully slide it down the wire supports.
3. Remove either fuse from it's housing and replace with one of the same type (240V F3A).
4. Slide the front cover up the wire supports and reattach to the main body making sure that it is securely screwed in place.
5. Test it's operation.

SPECIFICATIONS

Input voltage:	220-240V~, 50Hz
Rated power:	3.6W
Lamps:	SMD 2835 LEDs x 11 pcs
Luminous flux:	40Lm (AC/DC)
Continuous emergency illumination:	> 3 hours (when the battery is fully charged)
Battery pack:	Ni-Mh 3.6V 1.8Ah
Recharge time:	24 hours – approx.
Ambient temperature:	0 - 35°C
Over-discharge protection:	Yes
Ingress protection rating:	IP20



INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

When this product has reached the end of its life it must be treated as Waste Electrical & Electronic Equipment (WEEE). Any WEEE marked products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. Waste batteries can be returned to any waste battery recycling point which are provided by most battery retailers. Contact your local authority for details of battery and recycling schemes in your area.

