

Mains input emergency pack for X50

EM Pack installation instructions JC131003/X50

Warning & cautions

- It is recommended that luminaires are installed by a qualified electrician to ensure the installation complies with the local current wiring regulations.
- Any broken or damaged parts should be replaced as soon as possible.
- JCC will not accept responsibility for claims arising from sub-standard installations; which will void the warranty.
- The external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged the luminaire shall be destroyed.
- Terminal block not included. Installation may require advice from a qualified person and ensure Class II wiring is maintained
- The light source of this luminaire is not replaceable.
- This luminaire is suitable for indoor use only.
- It may be necessary to upgrade your MCBs to allow for increased inrush current.
- It is recommended that the ambient room temperature should not exceed 40°C.
- Ensure that you have the tools and accessories required to complete the installation correctly: Isolate the power before starting installation.

INSTALLATION

ENGLISH

For X50 Fire-rated Downlight only- JC131001/X50, not suitable for use with V50 Range

Fig.1. EM Mains input

220-240V~ 50/60Hz / Class II □

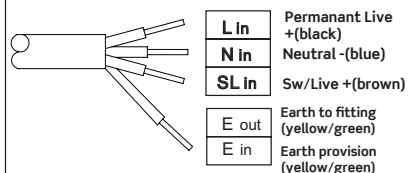
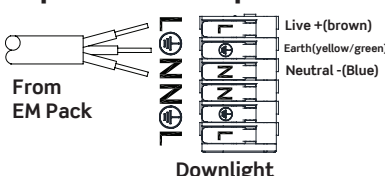


Fig.1a. Downlight mains input from EM pack

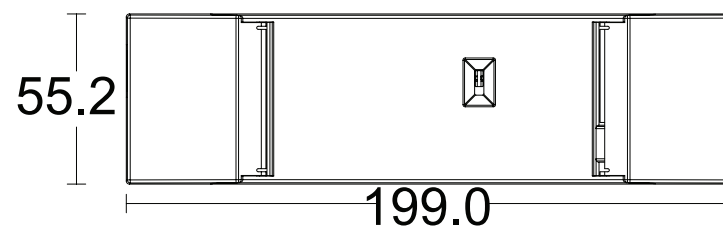
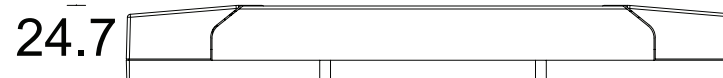
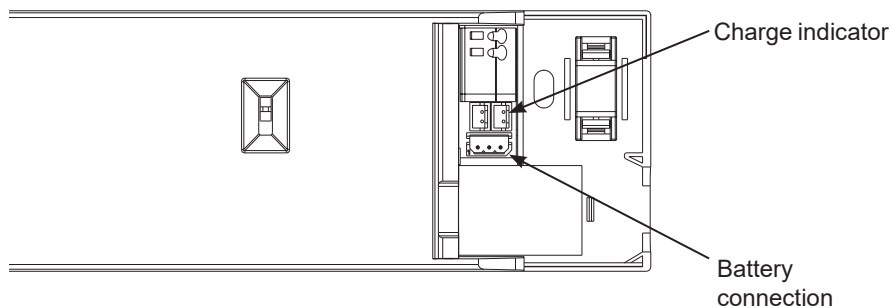


Note: the Standard X50 is Class I and earth is required

1. Connect to the mains input connections to the downlight Emergency pack JC131003/X50 as per Fig.1. ensuring that the power cables are not causing any obstruction.
2. Connect the live and neutral and Earth out of the remote pack Fig.1.a. to the fitting.
3. Connect the LED Charge indicator to the pack and install adjacent to the fitting in the ceiling, cut-out 20mm Ø.
4. Test for correct operation, allow 24 hrs before testing emergency.

Emergency pack JC131003/X50 installation for mains input recessed downlight- X50

IMPORTANT : DO NOT CONNECT THE NEXT FITTING IN THE CIRCUIT USING THE LOOP IN/LOOP OUT CONNECTOR ON THE EMERGENCY DOWNLIGHT. ALWAYS LOOP FROM THE SWITCHED INPUT ON THE EMERGENCY PACK TO THE NEXT FITTING



DIMENSIONS

Emergency range routine inspection and test

All tests must be undertaken at times of least risk and in accordance with EN 50172:2004 as indicated below:

Weekly: Indicators of central power supply shall be visually inspected for correct operation.

Monthly: (in addition to the daily check) If automatic testing devices are used, the results of the short duration tests shall be recorded. Test shall be carried out as follows:

a) Switch the luminaire over to emergency mode to operate from the batteries by simulating a failure of supply to the normal lighting for a period sufficient to ensure correct luminaire operation

NOTE: The period of simulation failure should be sufficient for the purpose of this clause whilst minimising damage to the system components e.g lamps. During this period, all luminaires and signs shall be checked to ensure that they are present, clean and functioning correctly. At the end of this test period, the supply to the normal lighting should berestored and any indicator lamp or device should be checked to ensure that is showing that the normal supply has been restored.

Annually: If automatic testing devices are used, the results of the short duration tests shall be recorded. For all other systems the monthly inspection shall be carried out and the following additional tests made:

- a) Each luminaire and internally illuminated sign shall be tested monthly as above but for its full duration in accordance with the manufacturer's information.
- b) The normal supply for the luminaire should be restored and any charge indicator lamp or device should be checked to ensure that it shows the normal supply has been restored. The charging arrangements should be checked for proper functioning.
- c) The date of the test and its results shall be recorded in the system logbook.

A copy of this report must accompany any fitting returned to the manufacturer for any reason.

General Information

Our products are designed to comply with the requirements of UK law and the relevant industry national and international standards and should not be modified in any way. All emergency lighting systems should comply with the recommendations of BS5266-1: Code of Practice for the Emergency Lighting of Premises and be installed by competent engineers in accordance with the relevant wiring regulations. Before installing any type of Emergency Lighting always seek the advice and approval of the local Fire Prevention Officer (or equivalent authority).

Maintenance

Failed or faulty light sources connected to this equipment should be replaced immediately. These units are designed especially for a long and trouble free life. Under normal conditions, will require no routine maintenance or service beyond the inspection and test regime of BS5266-1. Both mains supply and battery protection fusing is incorporated internally. Should access to these or any other part of the circuitry be required this must be undertaken only by suitably qualified person. Special care must be taken when removing the cover to circuitry and battery. Only replacement components authorised by the company must be used. Disposal of replaced components should be in accordance with the component manufacturers instructions.

You can help protect the environment. Please remember to respect the local regulations: hand in the non-working electrical equipment to an appropriate waste disposal centre. The packaging material is recyclable. Dispose of the packaging in an environmentally friendly manner and make it available for the recyclable material collection service.

Emergency test record sheet

Month	Test Type	First Year		Second Year		Third Year		Fourth Year		Fifth Year	
		Sign	Date	Sign	Date	Sign	Date	Sign	Date	Sign	Date
January	Functional										
February	Functional										
March	Functional										
April	Functional										
May	Functional										
June	Functional										
July	Functional										
August	Functional										
September	Functional										
October	Functional										
November	Functional										
December	3 hour										

Important warranty information

This product is supported by a 2-year standard warranty which will extend to 3 years if registered within the first year of purchase. (2 year on batteries). Please register at jcc.co.uk/warranty - Terms and conditions apply.

The installer will be asked to provide the following information, which is detailed on a label attached to the luminaire's chassis: Product Code/Date Code.