

ERLEDB

3 Hours Maintained LED Emergency Light Fitting

Please read these instructions before installing and retain for the user/maintenance engineer for future reference.

IMPORTANT NOTE:

The luminaire must be installed by a skilled electrician and to the most current electrical wiring and building regulations
This product **MUST** be earthed (⏏) and **NOT** be subject to an electrical insulation test (500/1000v) which will not be covered by the warranty

This luminaire is NOT suitable to be used with dimmer switches

This product should not be modified in any way, if modified this will invalidate any warranties and Firesafe will not be liable for any damages caused

The person carrying out the installation is to check and verify that the total load on the circuit, including the rating of the cable, fuse and/or circuit breaker is not exceeded

It is the responsibility of the installer to consider any fire risks and breach in any fire protection barriers or partitions, and take the appropriate precautions

Emergency lighting should be installed and maintained in accordance with BS5266 and BS EN50172.

Installation

1. Ensure the mains supply is isolated
2. Remove the diffuser from the body by removing the two screws
3. Release the hinged gear tray by pushing the sprung retaining clips to release the gear tray
4. For non-maintained operation a permanent 230v AC supply is required to the live (L), (⏏) Earth and neutral (N) terminals on the PCB
5. For maintained operation for continuous illumination this can be achieved by connecting a link between L and L1 (link supplied) or have a switch live connection through a remote switch to the L1 terminal on the PCB
6. Ensure a gland or grommet is used to maintain the IP rating of the luminaire and that ALL electrical connections are tight with no loose strands
7. Plug the battery lead into the connector on the PCB and close the gear tray ensuring no cables are trapped, ensure the gear tray retaining clips have secured the gear tray
8. Refit the diffuser using the two screws
9. Restore the mains supply, the green charge LED should be illuminate
10. Allow 24 hour to charge the batteries and record the installation date in the log book
11. After a 24 hour charge period test the luminaire for a **FULL 3 HOUR DURATION** and record the date of the commissioning on the battery pack inside the luminaire and also in the log book
12. Subsequent testing should be carried out in accordance with the British/European standards and recorded in the log book
- 13.

Maintenance

Repairs should only be carried out by suitably qualified person

Regular cleaning of luminaires should be carried out at regular intervals not only to ensure good optical performance but also ensure that dirt does not accumulate to such an extent as to impair the electrical or thermal safety of the fitting, this should be done with a soft damp cloth, do not use any chemicals or abrasives

Servicing should only be carried out after the fitting has been made electrically safe and the batteries disconnected

Light Source Maintenance: the light source of this luminaire is not replaceable; in case the light source need to be replaced (e.g. at the end of its life), the whole luminaire shall be replaced

Monitoring

The green LED indicator lamp will be on continuously. It will go out if A.C. supply, charger fails or an issue with the batteries

NON-MAINTAINED

Permanent mains supply (L, N, E) Lamp off and battery on automatic charge (LED 'on') Permanent supply removed lamp on (powered by battery pack) charge LED off.

MAINTAINED

Permanent mains supply (L, N, E), lamp normally on automatic charge (LED 'on') (powered by mains supply), when the supply to L1 is switched on. Permanent supply removed lamp on (powered by battery pack) charge LED off.

Technical Specification:

Voltage:	230v AC 50Hz	Lamp:	8 pcs SMT5730 LEDs
Wattage:	6W	Colour Temp:	6500K
Lumen Output Mains:	300lm	Battery:	3.6V 800mAh Ni-Cd
Class:	1	Max Cable Size:	2 x 1.5mm ²
Emergency Duration:	3 Hours	Weight:	525g
Recharge Time:	24 hours	Dimensions:	352x110x65mm
Temp Range:	0°C - 40°C	IP:	IP65

TESTING Ensure the luminaires are tested in accordance with 5266-8 / BS EN 50172

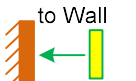
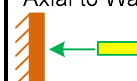
Daily: Ensure the green charge LED is illuminated on each luminaire

Monthly: Simulate a mains power supply failure for a period of time sufficient to ensure that each lamp is illuminated and then recorded in the log book

Annually: Similar test to a monthly but the full emergency duration of the luminaire should be tested

Defects: Any defects should be noted and recorded in the log book and actioned by a competent person as soon as possible

INSTALLATION / TEST RECORDS		Location:						Part No:	
		Installed By						Date:	
		Commissioned By:						Date:	
MONTH	TEST	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR	
		Signed	Date	Signed	Date	Signed	Date	Signed	Date
Installation	Full Duration								
1	Short								
2	Short								
3	Short								
4	Short								
5	Short								
6	Short								
7	Short								
8	Short								
9	Short								
10	Short								
11	Short								
12	Full Duration								

PHOTOMETRIC SPACING TABLE								
1 Lux (Escape Routes)					0.5 Lux (Open Areas)			
Height	Axial to Wall 	Axial to Axial 	Transverse to Wall 	Transverse to Transverse 	Axial to Wall 	Axial to Axial 	Transverse to Wall 	Transverse to Transverse 
	1 Lux (Escape Routes)				0.5 Lux (Open Areas)			
2.0m	1.9	5.0	2.2	6.3	2.5	5.5	2.8	7.6
2.5m	1.9	5.4	2.3	6.3	2.5	5.9	2.9	7.9
3.0m	1.7	5.5	2.2	6.4	2.5	6.5	3.0	8.1
3.5m	1.4	5.5	2.0	6.6	2.4	7.2	3.2	8.5
4.0m	0.9	5.1	1.8	6.5	1.9	7.6	3.4	8.9

Warranty:

This product is covered by an extended warranty for 3 years from date of purchase.

The extended warranty is available following installation in the UK or Ireland by a competent person in accordance with the current building and IEE wiring regulations.

For full terms and conditions in regards to our extended warranty please refer to the website.

Environment:

Please do not dispose the packaging as unsorted waste, use the recycling facilities provided by your local authorities.

When the luminaire comes to the end of its life or you choose to update or upgrade by replacing it, then do not dispose 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 will encourage the recycling of Waste from Electrical and Electronic equipment (European WEEE Directive 2012/19/EU).

Due to our policy of continuous improvement we reserve the right to change specification without prior notice.

Errors and omissions excepted. These instructions have been carefully checked prior to publication. However, no responsibility can be accepted by Firesafe for any misinterpretation of these instructions.

LIGHTSAFE

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