

DISASSEMBLY INSTRUCTIONS



Installation & Self Test Instructions SLIM EMERGENCY EXIT BOX

PRODUCT CODE: SEM-EXB P04-ST



Self Test Method: Please ensure this product is tested monthly and half yearly

MODE	METHOD FOR MODE	IF	LED INDICATOR STATUS	BEEP SOUND	RESULT
Mains ON	No Action Needed	Battery Ok	Green (Permanently On)	OFF	Green LED
	No Action Needed	Battery Fault	Red (Flashes every 1 second)	Beep every 45 Seconds*	Red LED, Loud Beep sound*
	No Action Needed	LED Fault*	Amber (Flashes every 1 second)*	Beep every 45 Seconds*	Amber LED, Loud Beep Sound

Monthly self test battery discharge (discharges the battery for 10 seconds)	Self Testing	Battery Ok	All Indicators Off	OFF	Green LED
		Battery Fault	Red (Flashes every 1 second)	Beep every 45 seconds	Red LED, Loud Beep sound
		LED Fault	Amber (Flashes every 1 Second)	Beep every 45 seconds	Amber LED, Loud Beep Sound

Half yearly self test battery discharge (discharges the battery for 3 hours)	Self Testing	Battery Ok	All Indicators Off	OFF	Green LED
		Battery Fault	Red (Flashes every 1 second)	Beep every 45 seconds	Red LED, Loud Beep sound
		LED Fault	Amber (Flashes every 1 Second)	Beep every 45 seconds	Amber LED, Loud Beep Sound

Mains Failure	No action needed Luminaire enters 3 hour emergency mode	Battery Ok	All Indicators Off	OFF	
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***During Non-Maintained Mode if the battery is faulty the LED indicator will light red and beep. If the LEDs on the heads are faulty, this will be only shown on monthly self test and not before.**

Note:

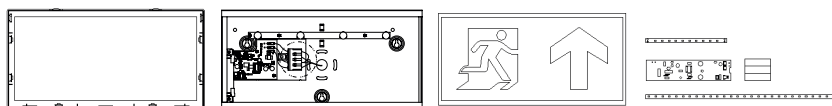
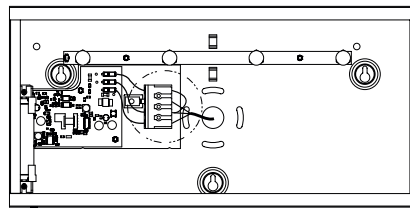
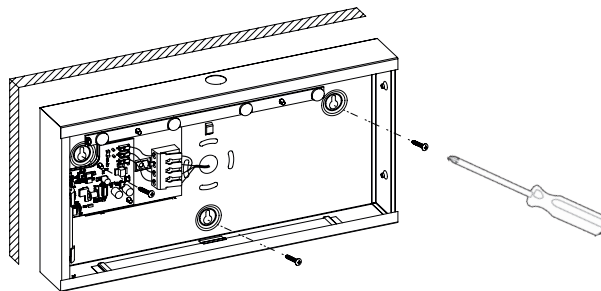
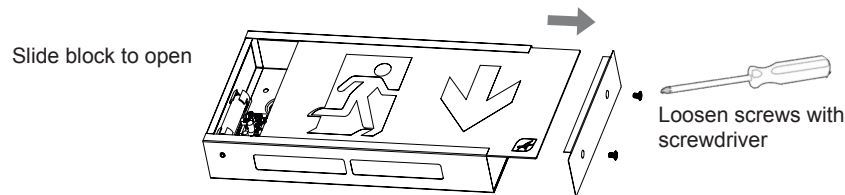
- No AC power will cause luminaire to enter Emergency mode
- After a repair, please connect AC power and perform a test (for performance confirmation). To do this, operate your emergency key switch.
- If the battery and LED board failure simultaneously, the red LED will flash.
- Any beep sound will stop after correct maintenance or repair.
- Manual testing will not affect the monthly and half-yearly testing schedule

Product end of life instruction.

This Lighting product is in the scope of EU 2019/2020 directive on Waste Electrical and Electronic Equipment (WEEE). This product must be disposed of, according to the legislation. This document is intended for use by end of life recyclers or treatment facilities. It provides the basic information to assure an appropriate end of life treatment for the components and materials of the product.

Please follow pictured diagram on the back of this manual showing how to dismantle the product into different components which should be disposed of correctly. These components consist of plastic, metal and electronic materials.

It is the responsibility of the end user to dispose of this product correctly. Contact www.weeireland.ie or your local council for further information.



Self Test

LED Light Status	Beep Sound	Status
Green LED Constant	OFF	Battery Charging, No faults, Mains On
Red LED (flashes every 1 second)	Beep every 45 seconds	Battery Fault
Amber LED (flashes every 1 second)	Beep every 45 seconds	LED Fault
Mains Failure	No indicator	Check Power Supply



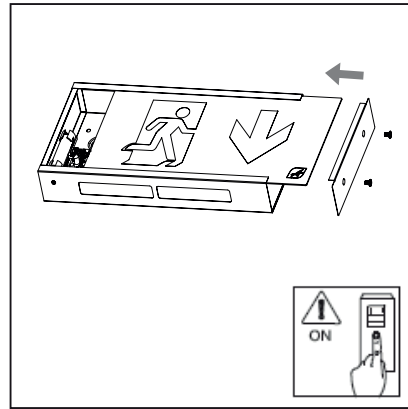
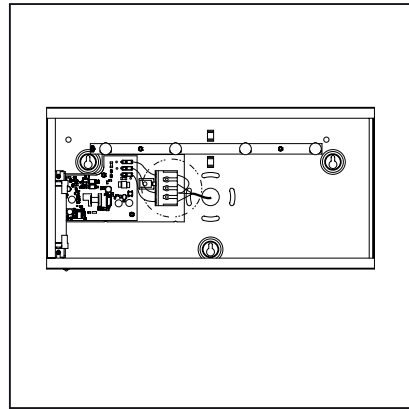
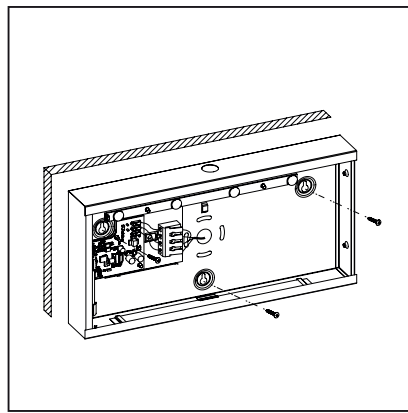
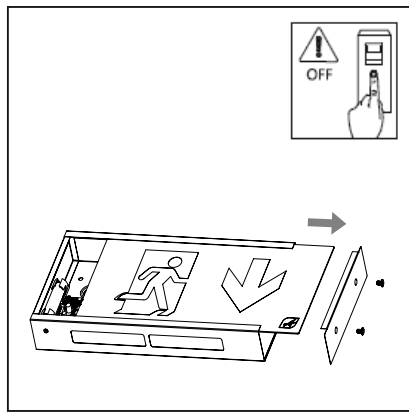
For more information contact:

Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, Ireland,
Phone: 00353 1 835 7447
Email: info@sgd.ie
Website: www.sgd.ie



Solas Geal Distribution





Important Installation Information

1. Installation should be carried out in accordance with the current edition of the National Wiring Regulations. If in doubt, consult a qualified electrician
2. Maximum Input Voltage - 220V-240V AC 50/60Hz
3. Connect the battery pack to the PCB by connecting the female socket on the battery wires to the male plug mounted on the PCB, ensuring the correct orientation
4. Ensure that all electrical connections are tight with no loose strands
5. Before commencing installation or maintenance, ensure electricity is switched off at the mains.
6. Class II, double insulated and earth is not required
7. This luminaire is not dimmable
8. All green charge indicator LED are illuminated when the battery is charging. During situations where there is no power from mains electricity and the battery is discharging, all green charge indicator LEDs will be off.

EMERGENCY TESTING

After connecting the mains supply check the following:

1. The unit should be left on charge for a minimum of 24 hours before testing the emergency mode
2. There is one green indicator in the middle. After power is on, the LED indicator will be on. The LED indicator is off when the fixture is in emergency mode
3. To simulate normal mains supply failure, operate your key switch
4. The lamp will now light under emergency conditions
5. When the unit no longer meets its rated duration of operation, the battery pack must be replaced with a battery of the same type, voltage and AMP-hour rating
6. All Emergency lighting tests must be logged. The Emergency lighting logbook must be provided in order to be covered by any warranties.

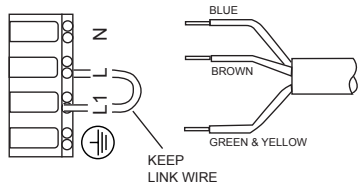
Emergency Installation and Inspection

Installation / Test Record	Serial/ Luminaire Number:		
	Installed By:		Date:
	Commissioned By:		Date:

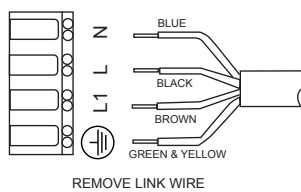
Monthly test	Year 1		Year 2		Year 3*		Year 4	
	Signed	Date	Signed	Date	Signed	Date	Signed	Date
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

SEM-EXB P04-ST WIRING

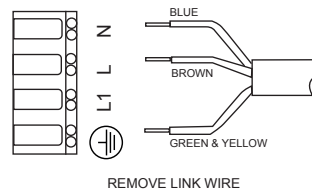
FOR MAINTAINED OPERATION (NON-SWITCHABLE)



FOR MAINTAINED OPERATION (SWITCHABLE)



FOR NON-MAINTAINED OPERATION





EU DECLARATION OF CONFORMITY

Manufacturers Name: Solas Geal Distribution
Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, A84 YP58.

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Product Description:

Emergency Exit Box 220-240V, 50/60Hz, 4W Class 1, IP20,
LiFeP04 1500mAh 3.2V Battery
Self Test, Maintained/Non Maintained

Model Code:

SEM-EXB P04-ST

The product/model of the declaration described above is in conformity with the relevant Community harmonisation legislation listed below.

Low Voltage Directive (2014/35/EU)

EMC (2014/30/EU)

Complies with Irish Standard: I.S. 3217:2023

EN 62034, EN IEC 60598-2-22:2022

EN IEC 61347-2-7:2012+A1:2019+A2:2022 & ISO 7010



Signed:

Date: 10/9/25

Place of Issue: Republic of Ireland

