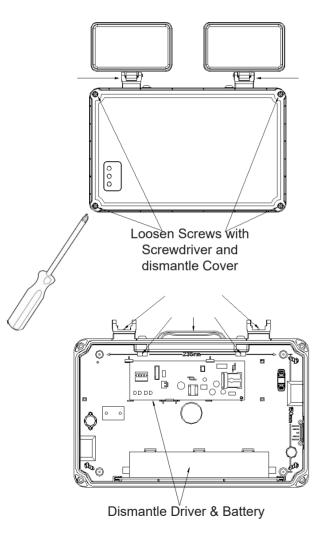
DISASSEMBLY INSTRUCTIONS

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.weeeireland.ie or your local council for further information.





Installation & Self Test Instructions EMERGENCY TWIN SPOT



PRODUCT CODE: SEM-TWSP P04

Self Test Method: Please ensure this product is tested monthly and half yearly. The warranty is only valid if a Test Log is kept

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

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

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

For more information contact:

SGD Solas Geal Distribution Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, Ireland, A84 YP58, Phone: 00353 1 835 7447

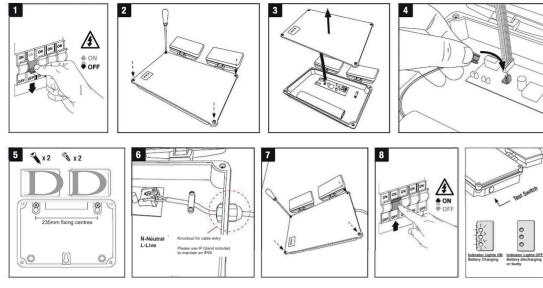
Unit 32 Junction One Business Park, Valley Road, Birkenhead, Merseyside, UK, CH41 7ED,

UK Ph: 0330 551 7000 Website: www.sgd.ie



Self lest			
LED Light Status		Beep Sound	Status
Green LED Constant	0	OFF	Battery Charging, No faults, Mains On
Red LED (flashes every 1 second)	0	Beep every 45 seconds	Battery Fault
Amber LED (flashes every 1 second)	0	Beep every 45 seconds	LED Fault
Mains Failure		No indicator	Check Power Supply





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.

What are the different standards?

Safety standards in emergency lighting give guidance to the requirements of different categories of premises. These standards are in place to provide a set of emergency light testing measures to ensure all components of your system are in a suitable working condition.

I.S. 3217:2013 and A1:2017 is the standard that governs emergency lighting in Ireland and is issued by the National Standards Authority of Ireland. British standards BS EN 50172:2004 & BS5266-1:2016 detail the code of practice for emergency lighting in the UK and are issued by the British Standards Institution. Both standards impose a duty of care on building owners to install emergency lighting in case of failure of normal lighting.

How often should emergency lighting be tested?

Scheduling is an important component of any reliable emergency lighting system.

The minimum testing requirements are as follows:

Daily

Any defects or deficiencies recorded in the emergency lighting log-book have been rectified. All indicators should show correct operation and no faults recorded.

Weekly

In addition to the daily test, ensure all non-illuminating lamps are replaced. A visual check should be carried out on at least 25% of the emergency lighting in the system so that 100% of the system is checked at least every four weeks.

Monthly

For three hour or one-hour systems, a 30-minute or 10-minute duration test needs to be carried out respectively.

Yearly

A full three-hour duration test completed. For self contained units, a second three-hour duration test must be completed within the 24 Hour period after the first to ensure battery has recharged fully.

Emergency Installation and Inspection

Installation / Test Record		Serial/ Luminaire Number: Installed By: Commissioned By: Year 1		nber:					
							Dat	ie:	
				:			Dat	te:	
					ar 2* Battery Change NiCd	Year 3* *Recommended Battery Change LiFe P04		Year 4	
Monthly test	Sigr	ned	Date	Signed	Date	Signed	Date	Signed	Date
1									
2	C 11								
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7									
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11									
12									







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EU DECLARATION OF CONFORMITY

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

Declaration Number:

096-SEM-TWSP Po4

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

Products: 6500K IP65 4.5watt LiFePo4 Battery,1500Ah Non-Maintained, SELF TEST, IK08

> Model Number: SEM-TWSP Po4

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

Low Voltage Directive (2014/35/EU) RoHS Directive (2011/65/EU)

The product/model of the declaration described above is in conformity with the standards and technical specifications listed below:

EN60598-2-22:2014, EN60598-1:2015+A1:2018, EN62493:2015, EN55015:2013+A1:2015 EN61547:2009, EN61000-3-2:2014, EN61000-3-3:2013



Signed:

Date:

Place of Issue: Republic of Ireland