

D2000SWH

Duceri Emergency Flush Bulkhead 4W LED IP20 Lithium Battery Switchable Self-Test White

General Information

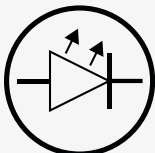
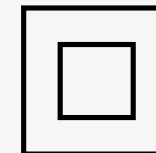
Our products are designed to comply with the recommended codes of practice for emergency lighting of premises and be installed by competent person in accordance with the relevant wiring regulations.

Luminaire Information

Rated Input Supply:	AC 230V 50Hz
Rated Output Power:	30 x SMD LED 2835
Operating Temperature:	0 to 45°C
Operating Relative Humidity:	Less than 90%
Battery Specification:	3.2V 1800mAh LiFePO4
Emergency Duration:	More than 3 Hours
Change Over Time:	Less than 1 Second

Monitoring:

Green indicator lamp (LED) normally continuously 'on'. Indicator lamp goes out if AC supply or charger fails.



The latest product manuals and software is available online:
https://www.espuk.com/technical_support



www.espuk.com

Test Record Sheet

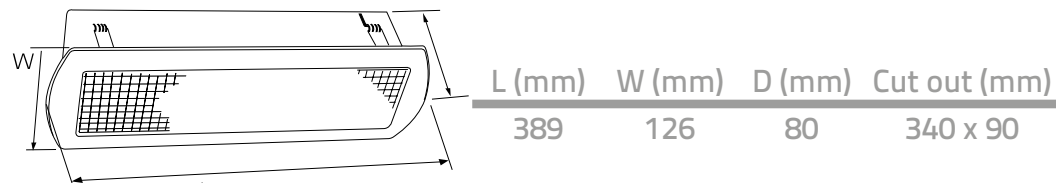
		1st Year		2nd Year		3rd Year		4th Year		5th Year	
Month	Test	Sign	Date	Sign	Date	Sign	Date	Sign	Date	Sign	Date
1	Functional										
2	Functional										
3	Functional										
4	Functional										
5	Functional										
6	1 Hour										
7	Functional										
8	Functional										
9	Functional										
10	Functional										
11	Functional										
12	3 Hour										

Luminaire Type/Ref:

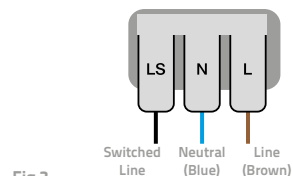
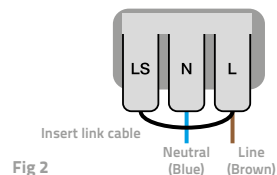
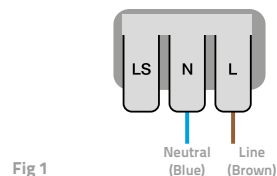
Date of Installation:

Location:

Installation



- Provide power to the required point of installation.
- Remove the mount plate from the gear tray
- Mark the location of the fixing holes and drill the holes ensure not to infringe with any joists, gas or water pipes, or electrical cables.
- Connect the battery to the inverter via the plug & socket provided
- For non-maintained operation please wire up the fitting as shown in fig 1.
- For maintained operation please wire up the fitting as shown in fig 2.
- For switched maintained operation please wire up the fitting as shown in fig 3.



- For switchable maintained operation see fig 3.
- Connect the battery via the plug and socket on the PCB
- Switch on the power supply and ensure the LED indicator is illuminated green

- Switch on the power supply and ensure the LED status indicator is illuminated green to ensure the battery and supply are functioning.
- After a 36 hour continuous charge, a full battery discharge should occur. This will ensure correct battery reset. Once the batteries have successfully depleted, mains power should be reapplied to the system.
- Normal maintenance procedures should occur once mains power has been reapplied.

Self test switch mode

- Set switch to desired mode as shown in fig 4.
- Apply mains power and then the battery after self test mode has been set.
- Refer to the self test manual instructions



Warning

- This product must be disconnected from the circuit if subjected to voltages higher than 1480V or insulation resistance testing. Irreparable damage will occur if this instruction is not followed.
- Daily check - check that the status Green LED indicator is illuminated
- Monthly - functional test - simulate a mains supply failure for approx. 30 seconds by operation of keyswitch or switching off a circuit breaker. Ensure normal supply is restored after test and the indicator status LED is illuminated.
- Bi annually - conduct a one hour duration test - simulate a mains supply failure for one hour continuous test by operation of keyswitch or switching off a circuit breaker. Ensure normal supply is restored after test and the indicator status LED is illuminated.
- Annually - full three hour duration test - conduct a three hour continuous duration test. Simulate a mains supply by operation of keyswitch or switching off a circuit breaker. Ensure normal supply is restored after test and the indicator status LED is illuminated.
- If the luminaire fails any of the above tests, please contact a qualified electrician. See overleaf for test record sheet.

General

The LEDs fitted in this product are non-replaceable. The unit should be recycled in the correct manner when it reaches the end of its life. Check local authorities for where facilities exist. Clean with a soft dry cloth only, do not use aggressive cleaning products or solvents which may damage the fitting.

General Instructions

These instructions should be read carefully and retained after installation by the end user for future reference and maintenance.

Safety

- Installation of this luminaire should only be carried out by a qualified electrician, or competent person to the current wiring regulations.
- Please isolate mains prior to installation/maintenance
- Check the total load on the circuit (including when this luminaire is installed) does not exceed the rating of the circuit cable, fuse or circuit breaker.
- Please note the IP (ingress Protection) rating of this luminaire when deciding the location for installation.
- This product is Class II double insulated
- This product is non-dimmable
- This product is IP20 Rated.