# Test Record Sheet





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# **D130AWH**

Duceri Emergency Exit Sign 3W LED IP20 All Legends Lithium Battery Maintained 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 240V 50Hz Rated Output Power: 16 x SMD LED Operating Temperature: 0-45°C

Operating Relative Humidity: Less than 90%

Battery Specification: 3.2V 1500mAh LiFePO4 Battery

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

### WARNING

- This product must be disconnected from the circuit if subjected to any high voltage or insulation resistance testing. Irreparable damage will occur if this instruction is not followed
- Recommended routine test procedure in accordance with BS 5266
- Daily check check that the status GREEN LED indicator is illuminated
- Monthly functional test simulate a mains supply failure for approx. 30 secs by operation of a key switch or circuit breaker. Ensure normal supply is restored after test and the indicator status LED is illuminated.
- Twice yearly conduct a one hour duration test simulate a mains supply failure
  for one hour continuous test by operation of key switch or switching off circuit
  breaker. Ensure normal supply is restored after test and the indicator status LED
  is illuminated
- Annual full three hour duration test conduct a three hour continuous duration test. Simulate a mains supply failure for three hour continuous test by operation of key switch or switching off 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

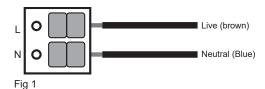
These instructions should be read carefully and retained after installation by the end user for future reference and maintenance.

### SAFETY

- Installation of this luminaire should only be carried out by a qualified electrician or competent person to the current IEE Wiring Regulations
- Please isolate mains prior to installation/maintenance
- Check the total load on the circuit (including when this luminaire is fitted) does not exceed the rating of the circuit cable, fuse or circuit breaker
- Please note the IP (Ingress of Protection) rating of this luminaire when deciding the location for installation

### **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 ensuring not to infringe with any
  joists, gas or water pipes or electrical cables, and mount the fitting
- · Connect the battery to the inverter via the plug and socket provided
- Connect the Live and Neutral to the push fit terminals on the PCB of the inverter Fig 1



- This product can only be used in maintained operation (luminaire constantly on)
- Switch on the power supply and ensure the LED indicator is illuminated green. If it is not illuminated green, there may be a supply or battery fault
- Switch on the power supply and ensure the LED status indicator is illuminated green to ensure the battery and supply are functioning.
- After 36 hours on continuous charge, a full battery discharge should occur. This will ensure correct battery reset, once batteries are fully depleted, mains power should be reapplied to the system.

Normal maintenance procedures should occur once mains power has been reapplied.



Eitle Security Products UK, Unit 7 Target Park, Shawbank Road, Lakeside, Redditch, Worcestershire, B98 8YN
Tei: +44(0) 1527 51 51 50 Fax: +44(0) 1527 15 01 43 Email: info@espukc.
Registered in England, Company Registration Number: 02769392, VAT Registration: G8614686525







