Charon

D2N/1/WP100/R



IP54
Waterproof

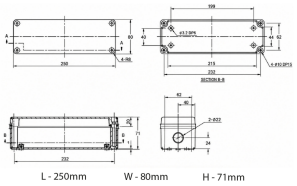
DESCRIPTION

3 hour DALI-2 self-test emergency lighting conversion kit, designed to suit an extremely wide range of LED types and circuits. The Charon automatically adjusts the output LED current to provide the best match between the battery and the load, maximising illumination whilst ensuring full battery life. This product is fully DALI-2 compliant, and in keeping with the DALI-2 Standard, if the module is commissioned without a DALI control system present, the unit will revert to standalone self-test, indicating its faults via the charge LED. The entire emergency pack is housed within an IP54 rated enclosure which features an IP65 rated bi-colour LED for charge healthy/fault indication. The Charon range has been independently certified by TÜV, ensuring the product has been tested for safety and complies with national and international regulations.

SPECIFICATIONS

Dimensions	Module: L250mm x W80mm x H70mm
Input Voltage	6-55V
IP Rating	IP54
DALI Available	Yes
Dimension 1	Module: L250mm x W80mm x H70mm
Mounting Type	Surface Mounted
Current	352mA-40mA
LED Voltage Limit	55V
Battery Discharge Current	950mA
Mains Supply	230-240V AC 50/60Hz
Power Rating (Charging)	1.4W 12mA λ = 0.48
Power Rating (Standing)	2.8W 17mA λ = 0.70
Charge Current	225mA nominal
Recharge Period	24 hours
Battery Pack	3.2V 3.8Ah LiFePO4
Battery Cut Off	2.5V
Ambient Temperature (Ta)	Module and Battery 5-35°C
Case Temperature (Tc)	Battery 5-55°C, Module 5-70°C
LED Lifetime	50,000h
Warranty	5 years

DIMENSIONS



LUMINAIRE FINISHES

Body W / B / S / R - Custom RAL

DRK Lighting LTD
Unit 2, Silverglade Business Park,
Leatherhead Road, Chessington,
KT9 2QL

info@drklighting.co.uk
+44 (0)207 018 2202
www.drklighting.co.uk

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ISO 9001: 2015
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