# Nereid

D2N/2/SP85/R



## DESCRIPTION

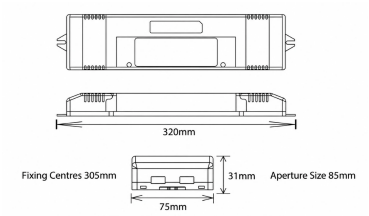
3 hour DALI-2 self-test emergency lighting conversion kit, designed to suit an extremely wide range of LED types and circuits. The Nereid automatically adjusts the output LED current to provide the best match between the battery and the load, maximising illumination whilst ensuring full battery life. 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 IP20 rated enclosure with a bi-colour LED for charge healthy/fault indication. The enclosure features a simple access panel for future battery replacement. The Nereid range has been independently certified by TÜV, ensuring the product has been tested for safety and complies with national and international regulations.

IP20

## SPECIFICATIONS

| | |
|---|---|
| Dimensions | Module: L320mm x W75mm x H31mm |
| Input Voltage | 10-80V |
| IP Rating | IP20 |
| DALI Available | Yes |
| Dimension 1 | Module: L320mm x W75mm x H31mm |
| Mounting Type | Surface Mounted |
| Current | 400mA-62mA |
| LED Voltage Limit | 80V |
| Battery Discharge Current | 950mA |

## DIMENSIONS




## POLAR CURVE

## LUMINAIRE FINISHES

Body W / B / S / R - Custom RAL

## NOTES

DRK Lighting LTD
Unit 2, Silverglade Business Park,
Leatherhead Road, Chessington,
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bsi Certified Remanufacturer KITEMARK™
Citation ISO Certification
ISO 9001: 2015
ISO 14001: 2015
REGISTERED
Certificate No:447672024

| | |
|---|---|
| Mains Supply | 230-240V AC 50/60Hz |
| Power Rating (Charging) | 1.4W 12mA λ = 0.48 |
| Power Rating (Standing) | 4.0W 21mA λ = 0.79 |
| Charge Current | 225mA nominal |
| Recharge Period | 24 hours |
| Battery Pack | 6.4V 3.8Ah LiFePO4 |
| Battery Cut Off | 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 |

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