Capella

NLP/1/WP100/R



IP54
Waterproof

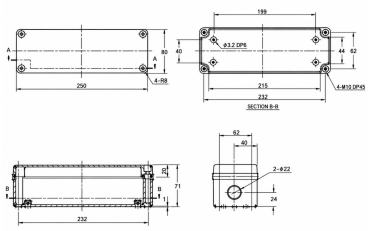
DESCRIPTION

The Capella is a high-quality 3-hour switchable emergency lighting module designed to suit a wide range of LED types, circuits and applications. The unit is designed to work with lithium iron phosphate (LiFePO4) batteries and is available in 2 versions, one to operate within lower SELV limits <60V and another to operate <80V. The module automatically adjusts the output current to provide the best match between the battery and the load, maximising illumination whilst ensuring full battery life. The pack features an IP65 rated green charge healthy indicator LED. This range operates with the latest LiFePO4 battery technology, dramatically reducing energy consumption and facilities management labour. The emergency control gear and batteries are housed within a single piece IP54 rated enclosure which includes suitable termination for connection to the LED load, the mains driver and input termination for mains supplies. The Capella 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	No
Dimension 1	Module: L250mm x W80mm x H70mm
Mounting Type	Surface Mounted
Current	323mA-35mA
LED Voltage Limit	55V
Battery Discharge Current	1100mA

DIMENSIONS



POLAR CURVE

LUMINAIRE FINISHES

Body W / B / S / R - Custom RAL

NOTES

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

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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)	2.7W 17mA λ = 0.67
Power Rating (Standing)	1.2W 13mA λ = 0.40
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

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