Sinope

TNA/1S



IP20

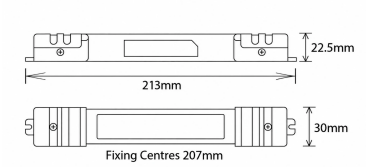
DESCRIPTION

The SIN01 is a high-quality DALI Self-Test 3-hour switchable emergency lighting module designed to suit a wide range of LED types, circuits and applications. Whilst the SIN01 is designed for high voltage LEDs or longer linear applications, it can run certain self-driven lamps such as GU10s (subject to testing). The unit is designed to work with lithium iron phosphate (LiFePO4) batteries and is available in 2 versions, one with PCB terminal blocks, for internal mounting inside a luminaire, or a pre-wired version for mounting remotely from the luminaire where integral mounting is not possible. The module automatically adjusts the output current to provide the best match between the battery and the load, providing maximum illumination whilst ensuring full battery duration. The module is supplied with a bi-colour charge healthy/fault indicator LED. This range uses the latest LiFePO4 battery technology, dramatically reducing energy consumption and facilities management labour. If a DALI system is not connected to the SIN01, then the unit will operate as a standalone self-test unit, reporting faults via a red indication of the charge LED. The SINOPE range has been independently certified by TÜV to ensure that the product, has been tested for safety and that it complies with the requirements of national and international regulations. This product is suitable for connection to the LiteMesh wireless system.

SPECIFICATIONS

Dimensions	Module: L3215mm x W30mm x H22.5mm FC - 206mm
Input Voltage	55-300V
IP Rating	IP20
Dimension 1	Module: L3215mm x W30mm x H22.5mm FC - 206mm
Battery Discharge Current	44mA – 7mA
Mains Supply	230-240V AC 50/60Hz

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

Power Rating (Charging)	2.5W 15mA λ = 0.70
Power Rating (Standing)	1.3W 9mA λ = 0.60
Charge Current	225mA nominal
Recharge Period	24 hours
Battery Pack	3.2V 4.8Ah LiFePO4
Battery Cut Off	2.5V
Ambient Temperature (Ta)	5°C to 35°C
Case Temperature (Tc)	5°C to 55°C
LED Lifetime	50,000h
Warranty	5 years

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