

**7** 7 Years  
Product Warranty  
UK Only

**2** 2 Years  
On-Site Warranty  
Main-land UK Only



# Nitro Surface 2

09017 NTRSU201/SST

## Nitro Surface 2 Duo Emergency Downlight 2.5W Manual&Self-Test

- Select manual or self-test mode via the internal dual-mode DIP Switch
- Automatic Self-test conforming to BS-EN-62034
- To adjust green LED indicator brightness, press and hold the test button for more than 2 seconds
- Slim profile
- Non-maintained Downlight, 3hrs
- Available in black or white
- Standard and corridor lens included

### Overview

The Nitro Surface non-maintained LED emergency lights provide a simple self-contained emergency lighting solution. The emergency lights have internal Li-Ion batteries that will provide power for a three hour duration following a cut in the power supply. Standard & Self-test mode Included



### General Information

Ambient Temperature Range (°C)	0 to 50
IP Rating	IP65
Protection Rating	Class II
Installation Area	Internal
L80B10 Lifetime (h) @Ta 25 °C	109,000 h
Lifetime (h) @Ta 25 °C	

### Compliance

LVD	EN 60598-1:2024, EN 60598-2-22:2022, EN 61347-1:2015+A1:2021, EN 61347-2-7:2012+A1:2021, EN 61347-2-13:2014+A1:2017, EN 62031:2020, EN 62493:2015+A1:2022
EMC	EN 55015:2019+A11:2020, EN 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, EN 61547:2023
Others	UKCA, CE, RoHS, WEEE, REACH

### Technical Summary

Product Code	NTRSU201/SST
Input Voltage Supply	220-240Vac 50/60Hz
Default Power	2.5 W
Power Factor	0.40
Default CCT	6,500 K
Lumens Output Maximum	150 lm
Maximum Efficiency	150 lm/W
L80B10 Lifetime (h) @Ta 25 °C	109,000 h
Nominal Lifetime (h)	50,000 h
Weight	0.15Kg
Conduit Entry 20mm	Yes
UEM/EME Battery Life	5 y
UEM/EME Input Voltage	220-240Vac 50/60Hz
UEM/EME Ambient Temperature Range	0°C to 50°C
UEM/EME CCT	6,500 K
UEM/EME Input Power (Max)	2.5 W
UEM/EME Weight	0.15 kg
UEM/EME Dimensions (L x W x D) (mm)	46xØ156
Beam Angle - Lumi (°)	170 or 50x160

Tel: 01635 523 713

Email: sales@kosnic.com

Kosnic.com



Kosnic Lighting KosnicUK KosnicLightingUK

**7** 7 Years  
Product Warranty  
UK Only

**2** 2 Years  
On-Site Warranty  
Main-land UK Only

# Nitro Surface 2



09017 NTRSU201/SST

## Accessories

Product Code	Description
BATS18LFP1	Battery for DD EME 2, Doxa 2 & EME light 2 in 1, Temp sensor

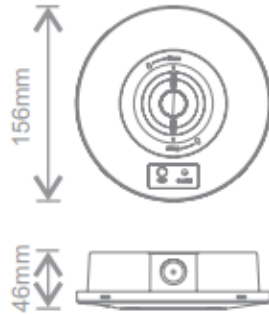
## Overview

The Nitro Surface non-maintained LED emergency lights provide a simple self-contained emergency lighting solution. The emergency lights have internal Li-Ion batteries that will provide power for a three hour duration following a cut in the power supply. Standard & Self-test mode Included



## General Information

Ambient Temperature Range (°C)	0 to 50
IP Rating	IP65
Nominal Lifetime (h)	50,000 h
Protection Rating	Class II
Installation Area	Internal



### Healthy Statuses:

- — System Healthy
- \* — 1/2 s — Duration Test Pending
- \* — 1/4 s — Duration Test Running
- \* — 1/8 s — Functional Test Running

Symbols explained: ● ● Continuous On \* \* Flash — On ---- Off

### Faults & Warning:

- — Battery Charging Fault / Not Connected
- \* — 1/4 s — Battery Duration Fault
- \* — 1/8 s — Lamp or Luminaire Fault
- \* \* — 5 s — 1 s — Installation Fault Warning

Tel: 01635 523 713

Email: sales@kosnic.com

Kosnic.com



Kosnic Lighting KosnicUK KosnicLightingUK KosnicUK

**7** **7 Years**  
Product Warranty  
UK Only




**2** **2 Years**  
On-Site Warranty  
Main-land UK Only

# Nitro Surface 2



09017 NTRSU201/SST

## Push switch

 x1	FUNCTIONAL TEST
 x3	DURATION TEST
 HOLD	INDICATOR DIMMING

## Overview

The Nitro Surface non-maintained LED emergency lights provide a simple self-contained emergency lighting solution. The emergency lights have internal Li-Ion batteries that will provide power for a three hour duration following a cut in the power supply. Standard & Self-test mode Included



**IP65**



## General Information

Ambient Temperature Range (°C)	0 to 50
IP Rating	IP65
Nominal Lifetime (h)	50,000 h
Protection Rating	Class II
Installation Area	Internal

Tel: 01635 523 713

Email: [sales@kosnic.com](mailto:sales@kosnic.com)

[Kosnic.com](http://Kosnic.com)

