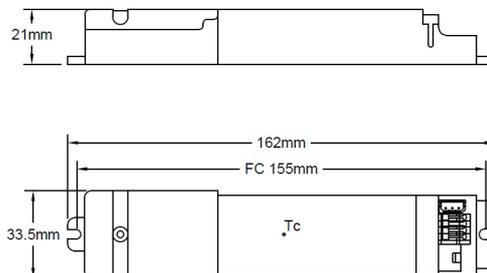


Technical Specification

S/BNM/1/45 - Universal Non-Maintained Emergency LED



- Suitable for Ceiling Recess Applications
- Deep Discharge Protection
- Plugs and Leads for Simple Installation
- Strain Relief Module
- Can be Supplied without LED Where Required
- Suitable for 43mm to 93mm Apertures
- TM65 Rating - 6.73 CO₂e
- Features Battery Temperature Protection
- Choice of lenses: Corridor, Open Area & Spot

The S-BNM/1/45 range is supplied with a universal selection of optics for open area, corridor, or spot requirements, and is designed for ceiling recess applications. The non-maintained emergency driver is supplied with strain relief cables and passes through a 43mm aperture, which can extend to 93mm.

A 3-hour emergency lighting driver that operates at 700mA in emergency only. This range operates with lithium iron phosphate (LiFePO₄) batteries which not only consume far less power under operation, but last far longer than traditional emergency lighting batteries.

The module, batteries and LED all feature plugs and leads for simple installation.

The minimum void depth with a 43mm cut-out is 90mm. The charger will cut-off if the Tc of the battery falls below 0°C or above 55°C. The product will however operate when required in emergency, providing there is sufficient capacity remaining in the battery.

Order Codes

S/BNM/1/45/W Complete up to 293 Lumen Emergency Solution with Choice of Lenses - White Bezel

S/BNM/1/45/B Complete up to 293 Lumen Emergency Solution with Choice of Lenses - Black Bezel

Technical Details:

Mains Supply	230-240V AC 50/60 Hz	Max Module Ta and Tc	Ta: 50 °C & Tc: 70 °C
Power Rating - Charging	1.7W 14mA λ = 0.5	Battery Tc Parameters	0 °C to 55 °C
- Charged	0.2W 8mA λ = 0.11	Duration	3 Hours
Battery Discharge Current	900mA Nom.	Recharge Period	24-Hours
Discharge Voltage Cut Off	2.5Volts	Battery Size	3.2V 3.8Ah LiFePO ₄
Ingress Protection	IP20	Battery Type	High Temp - IFpR27/67
Charge Current	225mA Nominal	Mains Input Terminals	0.5mm - 1.5mm
Protection Class	II	Overall Weight (with LED)	0.34Kg
Module Dimensions (LxWxH)	150mm x 30mm x 28mm	Module Fixing Centres	145mm
Minimum Void Depth	90mm	Battery Dimensions (LxØ)	90mm x 35mm