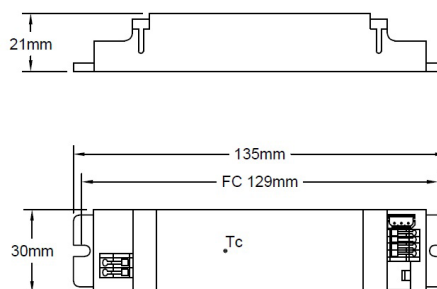


Technical Specification

BNM/1 - Non-Maintained Emergency Driver



- Suitable for Integral Mounting Applications
- Deep Discharge Protection
- 700mA Constant Current Output
- Extra Long Life LiFePO₄ Batteries
- Can be Supplied with Emergency LED
- Non-maintained Operation
- Module TM65.2 Rating - 3.34kg CO₂e
- Battery TM65.2 Rating - 1.02kg CO₂e

The BNM/1 emergency control gear is supplied as a non-maintained emergency driver for integral mounting within a luminaire.

A switchable non-maintained 3 hour emergency lighting driver that operates at 700mA in emergency operation.

The batteries used with this unit not only offer double the life of traditional emergency lighting batteries, but consume far less power during their operation.

This module will power a single 3W (4V Max) LED chip. The charger will cut-off if the Tc of the battery falls below 0 degrees C or above 55 degrees C. The product will however operate when required in emergency, should there be enough capacity remaining in the battery.

Order Code

BNM/1-K

Module, Battery and Charge LED with Mounting Collar

The Battery Supplied is a 3.2V 3.8Ah LiFePO₄ in Stick Formation

Technical Details:

Mains Supply	230-240V AC 50/60 Hz	Max Ta and Tc	Ta = 50°C & Tc = 70°C
Power Standby *	0.2W 8mA $\lambda = 0.11$	Battery Temperature Parameters	0°C to 55°C
Power Charging *	1.7W 14mA $\lambda = 0.50$	Battery Discharge Current	900mA nominal
Recharge Period	24-Hours	Discharge Voltage Limit	2.5 Volts
Battery Size & Type	3.2V 3.8Ah LiFePO ₄	Battery Type	IFpR27/67
Mains Input	0.5mm ² - 1.5 mm ²	Charge Current	225mA Nominal
Battery Fixing Centres	80mm x M4	Module Weight	0.10Kg
Module Dimensions (LxWxH)	135mm x 30mm x 21mm	Battery Weight	0.11Kg
Battery Dimensions (LxWxH)	90mm x 24mm x 28mm		

* Following an initial charge, the BNM/1 will spend 90% of its operational life in its standby state

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