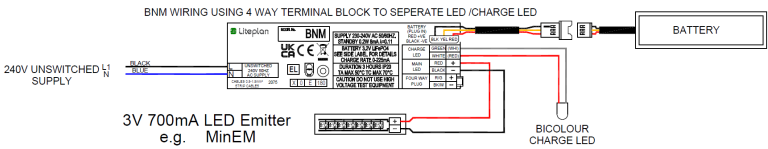
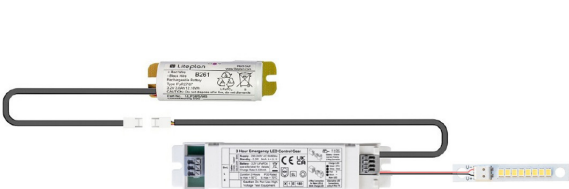


Technical Specification  
**BNM/1/MinEM**  
Emergency LED Strip



- Extra Long Life LiFePO4 Batteries
- Suitable for Mounting To Gear-tray
- Deep Discharge Protection
- 2.1W Load Emmitting 385 Lumen
- Non-Maintained Operation
- Features Battery Temperature Protection

The BNM/1/MinEM is supplied as a complete non-maintained emergency driver & LED strip for integral mounting within a luminaire.

The 3-hour emergency lighting driver operates the LED strip at 700mA which provides 385 lumen from the LED strip. This unit is designed for emergency lighting, not for continuous use. This product is suitable for mounting to a gear-tray adjacent to an LED tube, mitigating the risk of LED tubes being miss-replaced and causing non-compatibility with existing emergency packs. 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/MinEM-K	LED strip, module, battery and charge LED with mounting collar
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The battery supplied is a 3.2V 3.8Ah LiFePO4 in stick formation with fixing points

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	Overall Weight	0.4Kg
- Charged	0.2W 8mA λ = 0.11	Battery Discharge Current	900mA nominal
Lumen Output	385lm	Recharge Period	24-Hours
Duration	3-Hours	Discharge Voltage Cut Off	2.5 Volts
Battery Size & Type	IFpR27/67 LiFePO4	Ingress Protection	IP20
Charge Current	225mA Nominal	Mains Input Terminal	1.0mm <sup>2</sup> - 1.5 mm <sup>2</sup>
Battery Ta Parameters	0°C to 55 °C	Module Dimensions (LxWxH)	135mm x 30mm x 21mm
Battery Dimensions (LxWxH)	90mm x 24mm x 28mm	Module Fixing Centres	125mm
Battery Fixing Centres	80mm x M4	LED Strip Dimensions	52mm x 8mm

