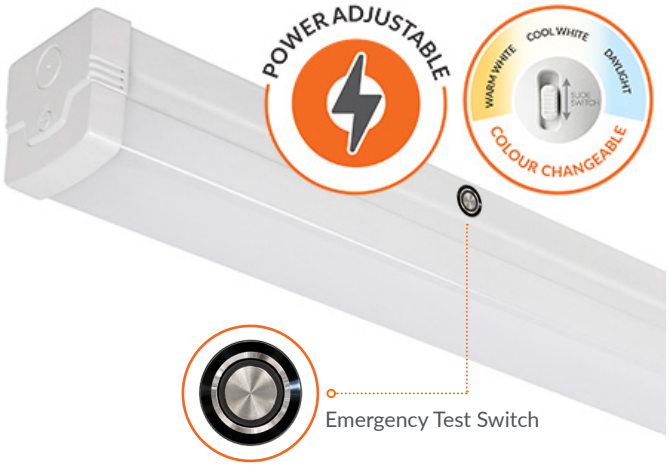
VIBE LIGHTING
quality · innovation · value

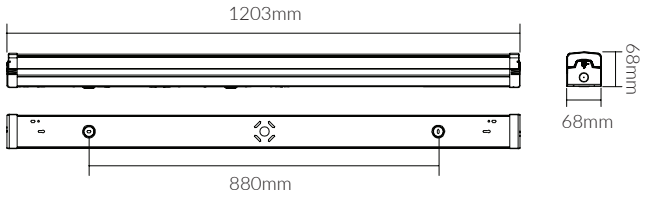
VBLB-4-PA-CCT-V2-EM

INDOOR EMERGENCY LED BATTEN



The 240V Maintained Emergency Batten is a robust and reliable LED solution for commercial, industrial and emergency applications. As a maintained emergency fitting, it provides continuous illumination during normal operation and automatically switches to battery power during mains failure. Featuring adjustable power from 23W–38W and 3CCT selectable colour temperatures of 3000K, 4000K and 6500K, it offers flexible, dependable lighting for a wide range of applications.

An integrated rechargeable battery provides 3 hours of emergency operation, maintaining essential illumination during power outages for improved visibility and occupant safety. Designed for durability and easy installation, the batten delivers reliable emergency lighting for a wide range of indoor commercial and industrial applications.



KEY FEATURES

- **Maintained Emergency** – Continuous light with automatic battery backup
- **3-Hour Emergency** – Up to 3 hours of emergency operation
- **Power Selectable** – 38W/32W/26W/23W
- **3CCT Selectable** – 3000K/4000K/ 6500K
- **Easy Installation** – Multiple knockouts & conduit entry points
- **Durable Steel Body** – Powder-coated steel construction
- **Opal Diffuser** – Even light distribution and visual comfort
- **Flicker-Free Driver** – Stable, comfortable illumination
- **50,000-Hour Lifespan** – Long-lasting LED performance
- **5-Year Warranty** – Fitting and LED components
- **3-Year Battery Warranty** – Rechargeable emergency battery

SPECIFICATIONS

SKU	VBLB-4-PA-CCT-V2-EM
Power (W)	38/33/28/23
Efficacy (LM/W)	150
Lumens (LM)	5700 (@ 38W/4000K)
Colour Temp	3CCT
Kelvin	3000K/4000K/6500K
Dimmable	Non-Dimmable
CRI	80
Beam Angle	120
IP Rating	20
IK Rating	06
Trim Colour	White
Weatherproof	Indoor Use Only
Mounting Type	Surface
Height (MM)	68
Length (MM)	1200
Width (MM)	68
Working Temp	-20°C ~ 45°C
Lifespan (HRS)	50000
Warranty (YRS)	5

APPLICATION



ADDITIONAL INFORMATION

Features a built-in 2W, 3-hour non-maintained emergency module with a Lithium Iron Phosphate ($LiFePO_4$) battery to provide reliable emergency illumination during power outages. The fitting is equipped with a 3-way PA12 terminal block for secure, simple, and efficient wiring during installation.

VIBE LIGHTING
quality · innovation · value

VBLB-4-PA-CCT-V2-EM

INTEGRATED LED EMERGENCY POWER KIT
(LED Driver & LiFePO4 Battery)

The LED Emergency Batten Power Kit is designed to convert standard LED battens into reliable emergency lighting solutions for dry indoor environments. Featuring a LiFePO4 battery pack, the kit provides dependable backup power during mains failure, ensuring continued illumination when required.

The emergency kit supports both maintained and nonmaintained operation. When installed with the standard LED driver, emergency module and battery connected, the batten operates as a maintained emergency fitting, providing normal illumination during mains operation and emergency lighting during power failure. When connected only with the emergency module and battery, the batten operates as a non-maintained emergency fitting.

Designed for enhanced safety and reliability, the kit includes an integrated relay to control the standard LED driver, deep-discharge battery protection, and polarity-reversal protection between the emergency module and battery. Suitable for ambient temperatures from 0–60°C, with IP20 protection and intended for installation within the batten enclosure to protect against accidental contact with live components.





SPECIFICATIONS

Rated Input Voltage	220–240VAC, 50/60Hz
Input Current	10–40mA
Input Power (W)	3
Power Factor	>0.5
Terminal L-In/L-Out	AC 2A max
Output Voltage Range	DC20–55V, Uout <60V; DC50–300V, Uout <350V
Max Output Current	130mA
Output Power (constant)	2.5W max
Battery Capacity	LiFePO4 3.2V, 3200mAh, 10.24Wh
Recharge Current	300mA
Recharge Time	24 hours
Discharge Time	180 minutes
Lumen Factor	140 LM/W
Max Casing Temp (tc)	80°C
Warranty (YRS)	3

EMERGENCY TEST SWITCH

The test switch is a momentary push-button switch that is normally open. Pressing the button temporarily closes the circuit, activating the emergency test mode. Releasing the button automatically opens the circuit, returning the unit to normal operation.

During routine maintenance, press and hold the test button to simulate a mains power failure. This switches the emergency driver into emergency mode. Once the button is released, the emergency driver automatically returns to normal mains operation.

LED CHARGING INDICATOR

The LED charging indicator illuminates when the battery is connected, indicating that the emergency battery charging circuit is active. If the battery is disconnected or not installed, the indicator remains off.

○	Off: Battery disconnected or mains power supply is connected.
●	Steady Green: Battery charging or fully charged.

AS/NZS 2293.1 SPACING TABLE		MOUNTING HEIGHT (M)											
NATA Classification		2.1	2.4	2.7	3	3.3	3.6	4	4.5	5	6	7	8
VBLB-4-PA-CCT-V2-EM	C0: D40	8.3	8.7	9	9.3	9.5	9.8	10.05	10.4	10.65	11.05	11.35	11.5
	C90: D32	7.7	8.05	8.35	8.6	8.8	9	9.25	9.55	9.75	10.1	10.3	10.35