

LXE-B – BLADE EMERGENCY EXIT SIGN



The LXE-B Blade Emergency Exit Sign consists of a shockproof polycarbonate top box with self contained emergency control gear, battery and lamp allowing for selectable maintained and non-maintained modes.

The highly transparent plastic legend panel allows for single or double sided mounting of legend pictograms. Four legend pictograms, one white sheet and mounting pins are included. Legend illumination is compliant to BS EN 1838.

The integrated self-test function is compliant with BS EN 62034 (excluding Basic) and meets the requirements of appropriate harmonised European standards.

KEY FEATURES AND BENEFITS

- > Basic, Self-Test, DALI, Wireless options available
- > Four exit legend pictograms included as standard
- > 3-hour emergency operating time (variant upon request)
- > Constant power output in emergency mode
- > Specific charging regime for LiFePO4 battery technology
- > Deep discharge protection
- > 5-year warranty on Self-Test, DALI and Wireless products

TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Mains input voltage | 220V-240V _{ac} – 50/60Hz |
| Viewing distance (m) | 24 |
| Light source | LED |
| Colour rendering | >70 CRI |
| Colour temperature | 4000 K |
| Photobiological safety according to BS EN 62471 | Risk group 1 |
| Switchover Time Mains – Emergency | <0.5s |
| Functionality test | Weekly |
| Duration test | Annually |
| Emergency duration | 3 hours |
| Battery recharge period for rated duration | 24 hours (14 hours for 1 hour) |
| Battery | x1No. BATTERY LIFEPO4 1865 3.2V 1.5AH 1-CELL – 250MM JST-HER-2 (14-12-0001) |
| Safety class | II |
| Ingress protection class | IP54 |
| Enclosure material | Self-Extinguishing Polycarbonate |
| Weight | 0.88Kg |
| Ambient temperature range <i>ta</i> maintained mode | 0°C to +30°C (Suitable for indoor use only) |
| Ambient temperature range <i>ta</i> non-maintained mode | 5°C to +40°C (Suitable for indoor use only) |

LXE-B PRODUCTS

| Luminaire Type | Part No. | Description |
|----------------|------------------|---|
| BASIC | LXE-B-1-3-M | BLADED EXIT SIGN 1 CELL 3 HOUR MAINTAINED |
| SELF-TEST | LXE-B-ST-1-3-M | BLADED EXIT SIGN 1 CELL 3 HOUR MAINTAINED SELF-TEST |
| DALI | LXE-B-DALI-1-3-M | BLADED EXIT SIGN 1 CELL 3 HOUR MAINTAINED DALI |
| WIRELESS | LXE-B-WM-1-3-M | BLADED EXIT SIGN 1 CELL 3 HOUR MAINTAINED WIRELESS |

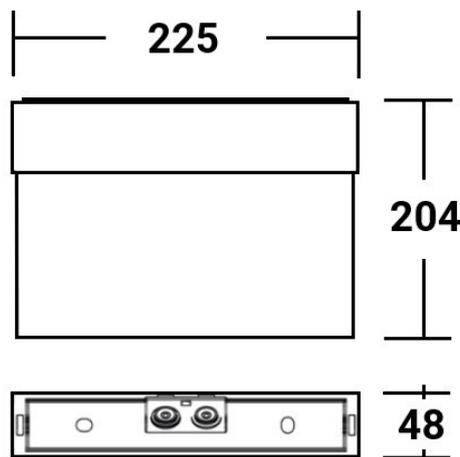
STANDARDS AND APPROVALS

- > BS EN 1838
- > BS EN 55015
- > BS EN 61000-3-2
- > BS EN 61000-3-3
- > BS EN 61547
- > BS EN 60598-1
- > BS EN 60598-2-1
- > BS EN 60598-2-22
- > BS EN 62471
- > BS EN 62493



End of Life— At the end of service life there is an obligation upon the user to ensure our products are professionally collected, stored, transported, and recycled in accordance with the UK Waste Electrical and Electronic Equipment (WEEE) regulations 2018 amendments (open scope) and EU Directive 2012/19/EU on waste of electric and electronic equipment (WEEE). We fulfil our obligations and responsibilities to facilitate recycling of its products in accordance with current legislation through membership of LUMICOM, a producer compliance scheme.

DIMENSIONS



STATUS INDICATOR

Visual status indicator for Basic models



LED Green: No fault / normal state.



LED Extinguished: Emergency operation in progress / battery fully discharged.

Visual status indicator for Self Test models



LED Intermittently Flashing Green: commissioning/battery regeneration after initial connection (7s on, 1s off).



LED Green: No fault / normal state.



LED Continuous Flashing Red: battery fault—either insufficient battery capacity or interrupted connection. The fault indication is reset once the fault is cleared.



LED Intermittently Flashing Red: Luminaire fault



LED Flashing Green / Momentary Red: Duration test interrupted, postponed or self-testing failure.



LED Extinguished: If the LED is still off after more than 5 minutes of switching on the mains, then the mains or the unit is faulty

Visual status indicator for DALI models



LED Intermittently Flashing Green: commissioning/battery regeneration after initial connection (7s on, 1s off). Function test (fast flash 100ms on/off) or duration test (slow flash 1s on/off) (7s on, 1s off).



LED Regularly Flashing Green: inhibit



LED Green: No fault / normal state.



LED Continuous Flashing Red: battery fault (fast flash 100ms on/off) or test failed (slow flash 1s on/off). The fault indication is reset once the fault is cleared.



LED Red: Luminaire fault



LED Flashing Green / Momentary Red: Duration test interrupted, postponed or self-testing failure.



LED Alternating Flashing Red/Green : Identification switched on to locate individual unit address



LED Extinguished: If the LED is still off after more than 5 minutes of switching on the mains, then the mains or the unit is faulty

Visual status indicator for Wireless models



Intermittently Flashing Green – Commissioning/battery regeneration after initial connection (7s on, 1s off). Function test (fast flash; 100ms on/off) or duration test (slow flash; 1s on/off) (7s on, 1s off).



Continuous Flashing Green – Battery charging after discharging or after powering up.



Solid Green – No fault / normal state.



Continuous Flashing Red – Battery fault. Insufficient battery capacity or interrupted connection. The fault indication is reset once the fault is cleared.



Intermittently Flashing Red – Lamp fault. Please note that the fault is not indicated (or reset) immediately when it occurs (or is cleared), but after the next self-test.



Flashing Green / Momentary Red – Duration test interrupted, postponed.



Alternating Flashing Red/Green – Identification switched on to locate individual unit address.



LED Extinguished - If the LED is still off after more than 5 minutes of switching on the mains, then the mains or the unit is faulty.

CONTACT US

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