LICHFIELD FIRE & SAFETY EQUIPMENT CO. LTD.
LIFECO

1. PRODUCT OVERVIEW

The **LF-ELB3** is a high-performance, addressable monitoring type emergency light designed for demanding safety applications. Featuring a robust IP65-rated housing for dust and water resistance, energy-efficient SMD LED technology, and a Reliable Lithium battery system, it provides high-intensity safety illumination for both indoor and outdoor environments.

2. TECHNICAL SPECIFICATIONS

Feature	Specification
Product Model	LF-ELB3
Battery	Li 3.7V / 1500mAH
Emergency Duration	3 Hours
Charge Time	24 Hours
Input Voltage	DC 36V
Input Power	3.5W
Input Current	95mA
Operation Mode	Maintained / Non-Maintained
Emergency Power	1.7W

3. OPTICAL CHARACTERISTICS

Feature	Specification
LED Package Type	SMD 2835
LED Quantity	22 pcs
Color Temperature (CCT)	5700K - 7200K
Luminous Flux (Main Power)	>= 225 LM
Emergency Luminous Flux	>= 225 LM
Color Rendering Index (CRI)	>= 70

4. STRUCTURAL & INSTALLATION

Construction

- **Housing Material:** Polycarbonate (PC)
- **Cover Material:** Polycarbonate (PC)
- **Case Color:** White
- **Dimensions:** 352 mm x 110 mm x 68 mm
- **PCB Type:** FR-4 / 1.6mm

Protection & Classification

- **Degree of Protection:** IP65 (Weatherproof)
- **Classification:** Class 2

In line with our policy of continuous product improvement LIFECO reserves the right to modify specifications without prior notice.

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- **Operation Temperature:** 0 to 40 Degrees Celsius

Mounting Options

- Surface Mount

5. CERTIFICATION & COMPLIANCE

- **Standard:** UL 924 Listed
- **ML File No:** E474559

LICHFIELD FIRE & SAFETY EQUIPMENT CO LTD (LIFECO)

LIFECO Emergency Systems - Product Code: LF-ELB3 | Revision: 2026.01

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