

## 1. PRODUCT OVERVIEW

The **LF-ESWG** is a high-performance, addressable monitoring type emergency exit sign designed for reliability and compliance. Featuring energy-efficient LED technology and long-life Lithium battery storage, it ensures clear guidance during power failures.



## 2. TECHNICAL SPECIFICATIONS

Feature	Specification
Product Model	LF-ESWG
Battery	Li 3.7V / 500mAh
Emergency Duration	3 Hours
Charge Time	24 Hours
Input Voltage	DC 36V
Input Power	1.5W
Input Current	40mA
Operation Mode	Maintained / Non-Maintained
Emergency Power	0.3W

## 3. OPTICAL CHARACTERISTICS

Feature	Specification
LED Package Type	DIP phi 5 (Flat)
LED Quantity	12 pcs Red + 8 pcs Green
Luminance (Main Power)	>= 8.71 cd/m <sup>2</sup>
Emergency Luminance	>= 5.14 cd/m <sup>2</sup>

## 4. STRUCTURAL & INSTALLATION

### Construction

- Housing Material:** ABS (White)
- Cover Material:** ABS
- Dimensions:** 305 x 203 x 55 mm
- PCB Type:** FR-4 / 1.6mm

### Protection & Classification

- Degree of Protection:** IP20
- Operation Temperature:** 0 to 40 Degrees Celsius

### Mounting Options

- Wall Mounting
- Ceiling Mounting
- End Wall Mounting



## 5. CERTIFICATION & COMPLIANCE

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

### LICHFIELD FIRE & SAFETY EQUIPMENT CO LTD (LIFECO)

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

