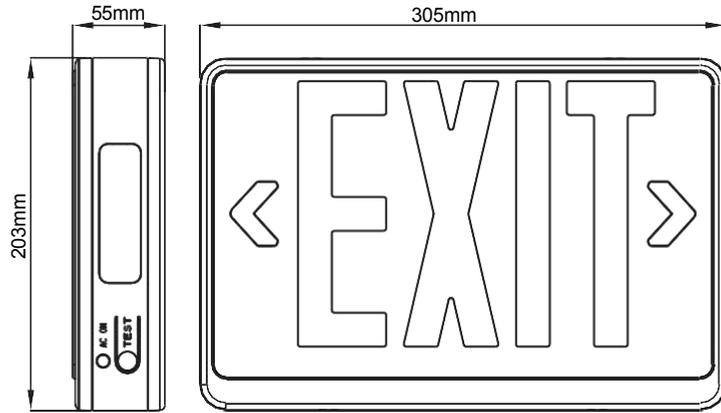


USER'S GUIDE FOR CENTRAL MONITORING EMERGENCY LIGHTING

LF-ESWG



Warning note

Welcome to use LF-ESWG Central Monitoring Emergency Lighting produced by our company, Please read this manual before installation, please keep it for reference.

Note: This manual applies to the following models: LF-ESWG

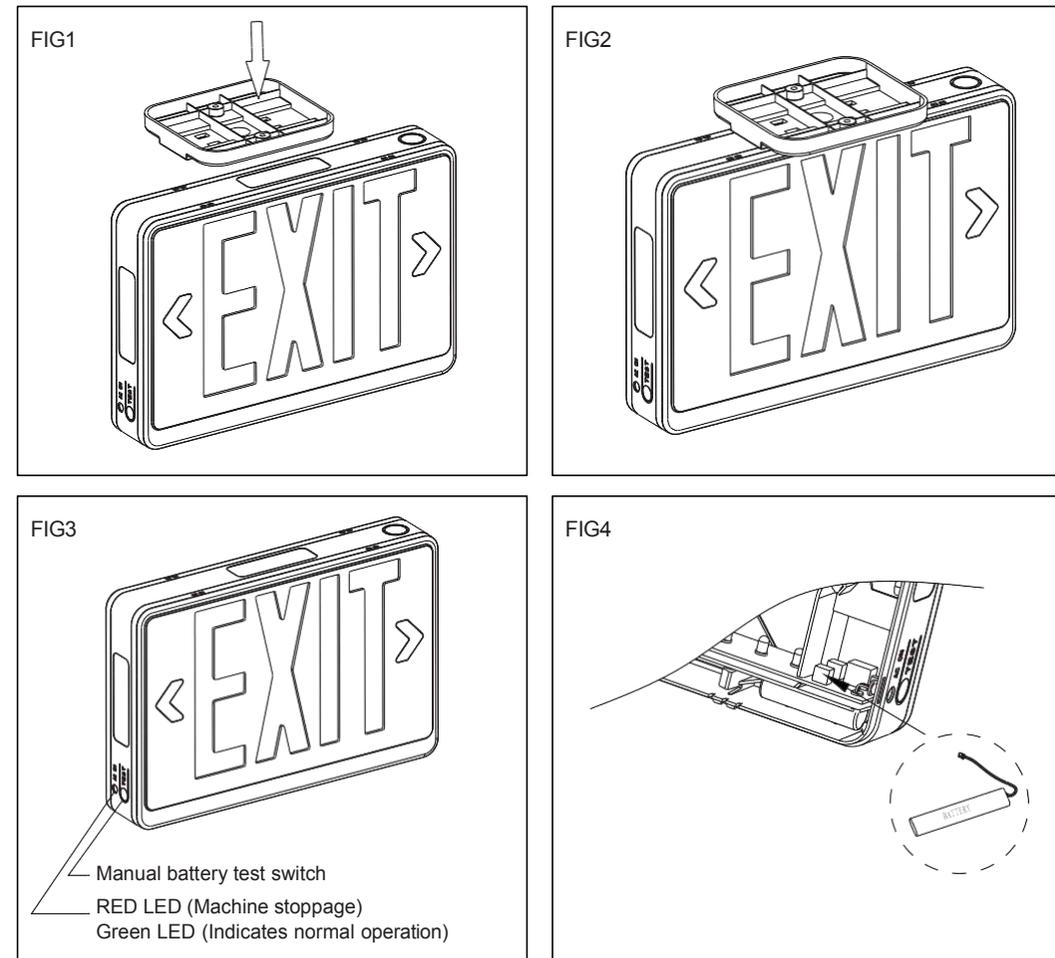
Model list:

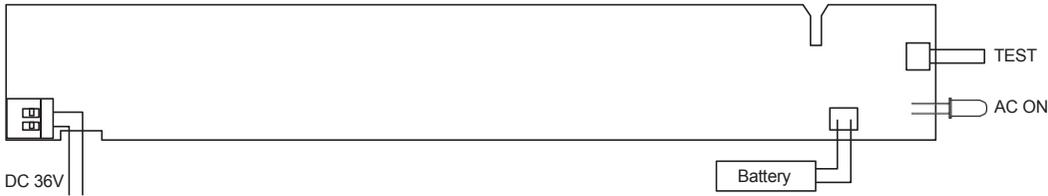
Model No.	LF-ESWG
Rated voltage	DC 36V
Input Current	40mA
Input Ratings	1.5W
Emergency Output Ratings	0.3W
Battery	Li 3.7V 500mAH
Battery Life	up to 5years
Charging time	24H
Emergency Run Time	180 mins
Light Source	LED_DIP
Light source parameters	DC6.0V(5-6.5V)
Luminance	≥8.71cd/m ²
Operation Mode	Maintained
Use environment	Dry and Damp Locations
Operating Temp Range	0°C-40°C
Protection class	Class II
Dimensions	305mm×203mm×55mm
Warranty	5 years

Overview

- LF-ESWG Central Monitoring Emergency Lighting is an emergency luminaire using LED as its light source. This lamp needs to be used in conjunction with our company's Central Monitoring system. Its characteristics are:
1. With working status reporting function
 2. Circuit short-circuit self-recovery protection;
 3. Since LED is used as the light source, the energy consumption is extremely low.
 4. Emergency conversion has no mechanical contacts and reliable performance.
 5. Provide constant output current for multiple LEDs in series, so that the brightness in emergency state is always constant
 6. Network intelligent analysis module;
 7. With complete self test function;
 8. LED light source, main power conversion to emergency function
 9. Maintained/Non-Maintained conversion function
 10. Battery charging indicator
 11. Load open and short circuit indicator to report fault
 12. Battery open and short circuit indicator to report fault
 13. Emergency simulation manual test button
 14. Battery overcharge and overdischarge protection function;

Installation instruction diagram:





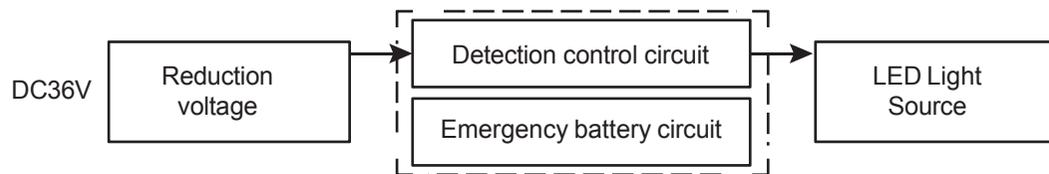
Installation method

1. Pass the power bus inlet and outlet wires out of the equipped embedded parts;
2. Connect the power cord according to the wiring diagram;
3. Fix the lamp on the wall;
4. Refer to the installation hole spacing and the actual outer box position, measure the specific drilling position, and drill with an electric drill;
5. Place the expansion rubber plug into the punched installation hole and tap firmly;
6. According to the wiring label, connect the corresponding power cord to ensure correct wiring.

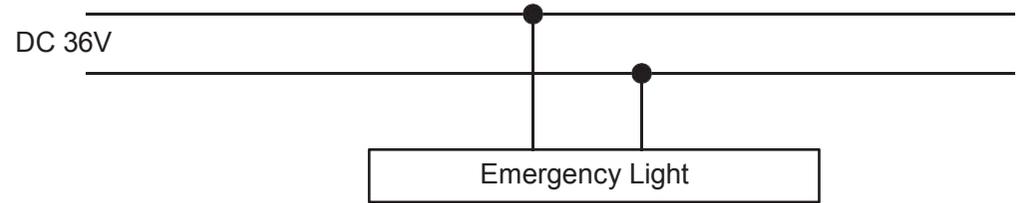
State description

1. When the battery is charged in the state of main power (DC 36V), the green indicator light flashes slowly; when the battery is fully charged, the green indicator light is steady on; when the battery is open, the red indicator light is steady on.
2. Manual simulation test: under the state of main power, press the test switch not to release the lamp to turn into emergency function, the green indicator light goes out, release the test switch to restore the state of main power.
3. Self Test: when the lamps are charged for 1 month under the state of main power, the lamp will automatically switch to the emergency function of monthly inspection. The green indicator will flash, and the emergency time will be 25-35 seconds before it automatically returns to the state of main power. When the lamp is 1 year later, it will automatically switch to the semi-annual inspection emergency function. The green indicator will accelerate the flash, and the emergency time will not be less than 180 minutes before the main power is automatically restored.
4. Under the normal emergency state, press the test button for 3-5 seconds to turn off the emergency function (OV enable).
5. Self-locking P4 switch M-K short circuit is Maintained mode, N-K short circuit is non-maintained mode.

Circuit schematic diagram:



Lamp wiring diagram



Maintenance:

1. Non-professionals should not disassemble the lamps to prevent accidents.
2. If the lamp fails, please contact the manufacturer in time.

Failure analysis and elimination:

1. When the control panel couldn't find the lamp, check whether the communication circuit is connected normally;
2. During use, if the brightness of the LED is less, replace emergency lamp.

Transportation and storage:

1. The Emergency light should be stable and firm during transportation, to avoid damage to the product and packaging due to collision during driving, and should be gently lifted during loading and unloading, and should not knock, drop, or pry;
2. The Emergency Light should be placed in a dry and ventilated place during storage, avoiding contact with corrosive substances and necessary measures for moisture, sun, rain, and anti-corrosion.

Packing List:

1. Central Monitoring Emergency Light 1pcs
2. Manual 1pcs



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.