Instruction Manual

LF-ELDR4

45.0

Ø131.5

test
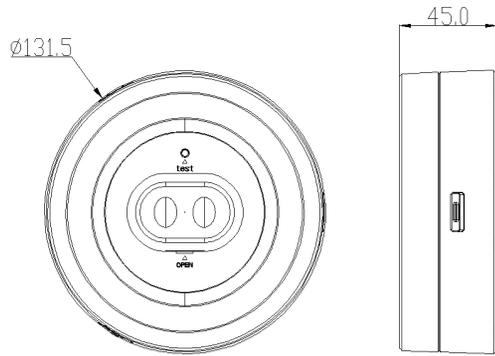
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Product Introduction

This product is a surface-mounted emergency luminaire, with test switch and indicator light, with charging protection, discharging protection, self-test and manual simulation test, automatically switch to emergency in case of mains failure, etc.
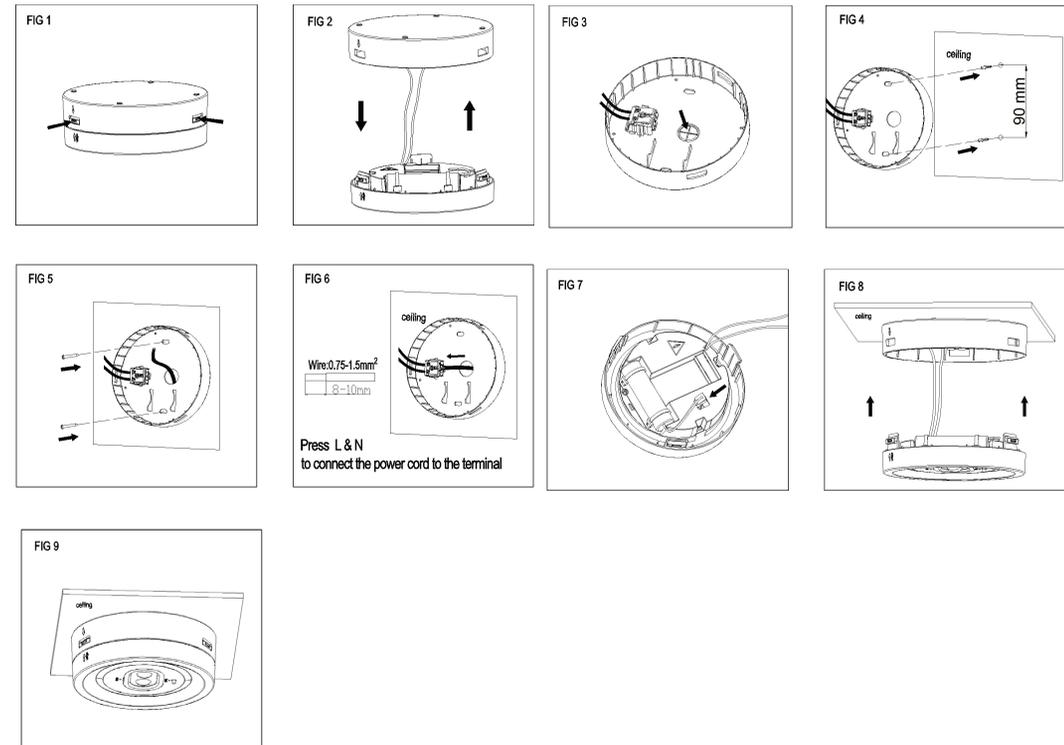
Model list:

Model No.	LF-ELDR4
Rated voltage	DC 36V
Input Current	95mA
Input Ratings	3.5W
Emergency Output Ratings	2.1W
Battery	Li 3.7V 2200mAH
Battery Life	up to 5 years
Charging time	24H
Discharge time	180 mins
Correlated Color Temperature	6000-7000K
Light Source	LED_SMD
Light source parameters	DC6.0V(5-6.5V)
Luminous flux	≥300Lm
Operation Mode	Maintained/Non-Maintained
Use environment	Dry and Damp Locations
Operating Temp Range	0℃-40℃
Protection class	Class II
Dimensions	Ø131.5mm*45mm
Warranty	5 years

Precautions：

1. This lamp is a surface-mounted lamp, suitable for wall and ceiling installation
2. This lamp has self-test and simulation test functions
3. This lamp cannot be covered with heat-insulating objects
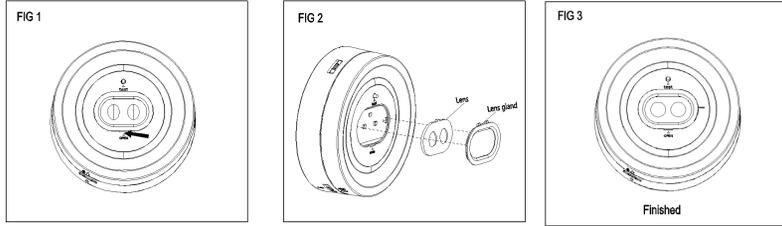4. LF-ELDR4 shall be marked "Max. mounting height: 7.4ft (2.2 m)" or the equivalent.

Installation:The installation shall be done by qualified person.

1. Turn off the main power.
2. pry the buckle on the side of shell，open the shell （FIG1 & FIG2）
3. Knock out the outlet hole of the bottom shell with a tool（FIG3）
4. Insert the input wire into the outlet hole, then fix the bottom shell on the ceiling with screws（FIG4 & FIG5）
5. Connect the wires as required, pay attention to the brown wire to the light wire (L) and the blue wire to the neutral wire (N), and then insert the battery connection wire terminal into the PCB board （FIG6&FIG7）
6. snap the main case into the bottom case，finished（FIG8&FIG9）
7. When the main power is turned on, the green indicator light is flashing,it means the charging is normal。
8. Disconnect the main power or press the test switch, the lamp will automatically switch to the emergency state. At this time, the battery power supply will light up the light source, indicating that the emergency function of the lamp is normal.

FIG 1

FIG 2

FIG 3

FIG 4
ceiling
90 mm

FIG 5

FIG 6
ceiling
Wire:0.75-1.5mm²
8-10mm
Press L & N
to connect the power cord to the terminal

FIG 7

FIG 8
ceiling

FIG 9
ceiling

Replace lens：
1.pry the slot to remove the lens gland from the main body shell （FIG1）
2.Take out the lens and replace other lenses（FIG2）
3.Reinstall the lens and lens gland，finished（FIG3

FIG 1

FIG 2

Lens
Lens gland

FIG 3

Finished

9. Indictor Status Chart

Indicator	Color	Green flashing medium	Green flashing fastest	Green flashing slowly	The indicator light is always on	Indicator is red
	State	Monthly inspection	Half-year inspection	Battery charging	Battery Fully charged	Failure

Noting： If the indicator is red and flashing slowly when AC power is on, the battery is failed or disconnected
If the indicator is red and flashing quickly under the self-testing model, the emergency function is not working

10. Test button functions：

Operation / State mode	Main power			Emergency state	Self-test status
Pressing method	Press the TEST switch without release	Press test button twice quickly	Press test button 3 times quickly	Press the TEST switch without release	Press test button once
Function	Entering Emergency Mode	Entering Monthly checking mode	Entering semi-annual checking model	Turn off the fixture	Exit the self-testing

Simulation test description

This product is equipped with an automatic detection system for emergency function. In order to test the effectiveness of the system, the product has a manual simulation detection function. The basic operation is as follows: Press the test switch twice to enter the monthly inspection mode in the mains state The indicator light flashes green at medium speed for 30 seconds, and then exits the monthly inspection mode and enters the normal mode, indicating that the self-test monthly inspection function is normal; in the mains state, quickly press the test switch 3 times to enter the semi-annual inspection mode, at this time the indicator light is green The light flashes quickly for 30 minutes, and then exits the semi-annual inspection mode and enters the normal mode, indicating that the self-test semi-annual inspection function is normal; in the analogtest state, press the test switch once to exit the analog test mode and enter the normal state.

IMPORTANT WARNING

1. The installation, testing, maintenance and dis-assembly of this product must be operated by qualified personnel
2. The battery and light source of this product cannot be replaced. If the emergency duration time of the fixture cannot reach the specified time, the whole fixture must be replaced
3. The fixture is designed for indoor use only. Keep away from water when in use to avoid potential risk.
4. The plastic parts of this fixture are recyclable. And to void environmental pollution, please send the electronic parts and batteries to designated place for disposal.

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 waspurchased. They can take this product for environmental safe recycling.

LF-ELDR4 Elliptical lens

LF-ELDR4 Circular lens