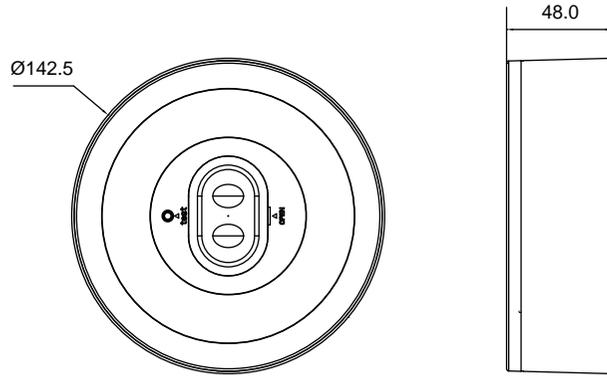


Instruction Manual

LF-ELDR3



Product Introduction

This product is a lens replaceable emergency downlight, supports surface and recessed mounting, with test switch and indicator, with overcharge and overdischarge protection, self-test and manual simulation test, automatically switch to emergency in case of main power failure, etc.,

Model list:

Model No.	LF-ELDR3
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°C-40°C
Protection class	Class II
Dimensions	Ø142.5mm*48mm
Warranty	5 years

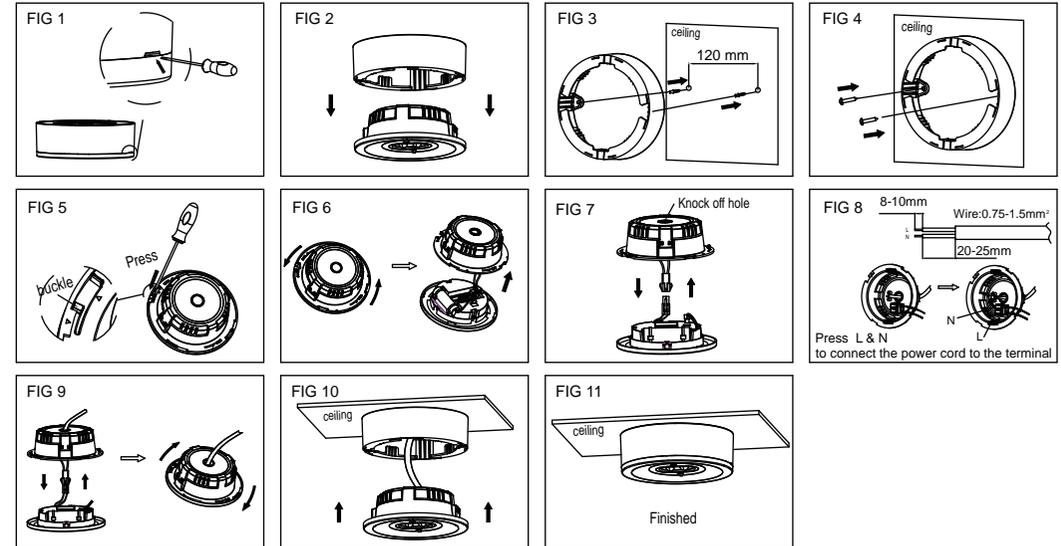
Precautions:

1. This lamp is an emergency downlight, supports surface and recessed mounting
2. This lamp has self-test and simulation test functions
3. This lamp cannot be covered with heat-insulating objects.
4. LF-ELDR3 shall be marked "Max. mounting height: 7.4ft (2.2 m)" or the equivalent.

Installation instructions

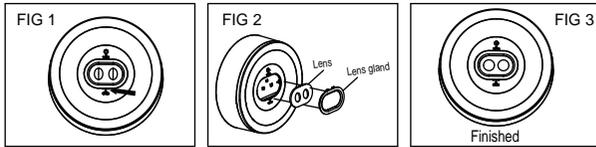
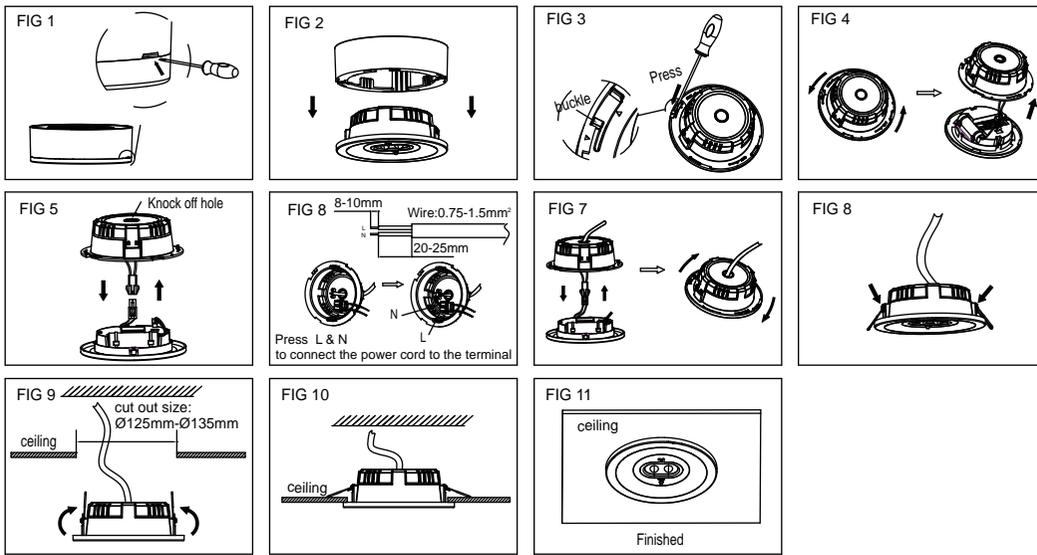
Surface mounting:

1. Turn off the main power.
2. Insert a flat-blade screwdriver into the slot on the side of the shell, pry the slot to remove the mounting ring from the main body shell (FIG1 & FIG2).
3. Fix the mounting ring on the ceiling with screws and expansion tubes (FIG3 & FIG4).
4. Press the buckle of the lamp housing with a flat-blade screwdriver and open the lamp bottom shell for 15° counterclockwise (FIG5&FIG6).
5. Disconnect AC cable terminals, remove the bottom shell, then knock out the outlet hole of the bottom shell with a tool (FIG7).
6. Insert the input wire into the outlet hole, fixed the crimping terminal, then connect the wires as required, pay attention to the brown wire (L) and blue wire (N) (FIG8).
7. Connect the AC cable terminals, and then fix the bottom shell on the lamp body again for 15° Clockwise (FIG9).
8. Push the lamp into the mounting ring, and then finished (FIG10&FIG11).
9. When the main power is turned on, the green indicator is flashing, it means the lamp is in normal charging.
10. 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 and the lamp lit on, it means the lamp is in normal emergency state.



Recessed mounting:

1. Turn off the main power.
2. Insert a flat-blade screwdriver into the slot on the side of the shell, pry the slot to remove the mounting ring from the main body shell (FIG1 & FIG2).
3. Press the buckle of the lamp housing and open the lamp bottom shell for 15° counterclockwise (FIG3&FIG4).
4. Disconnect AC cable terminals, remove the bottom shell, then knock out the outlet hole of the bottom shell with a tool (FIG5).
5. Insert the input wire into the outlet hole, fixed the crimping terminal, then connect the wires as required, pay attention to the brown wire (L) and blue wire (N) (FIG6).
6. Connect the AC cable terminals, and then fix the bottom shell on the lamp body again for 15° Clockwise (FIG7).
7. Fix the spring to the lamp housing, and make a hole on the ceiling, cut out size: Ø125mm-Ø135mm, and then install the lamp on the ceiling (FIG8&FIG9).
8. Finished (FIG10& FIG11).
9. When the main power is turned on, the green indicator is flashing, it means the lamp is in normal charging
10. 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 and the lamp lit on, it means the lamp is in normal emergency state.



- 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).

Indicator Status Chart:

Indicator	Color	Green flashing medium	Green flashing fastest	Green flashing slowly	Solid Green	RED
	State		Monthly inspection	Half-year inspection	Battery charging	Battery Fully charged

Notice: 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.

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 the TEST switch without release	Press test button once
Function	Entering Emergency Mode	Entering Monthly checking mode	Turn off the fixture	Exit the self-testing

Auto self-test

1. This product has an automatic detection system with emergency function. When the lamp is put into use for 30±2 days, the system will automatically enter the monthly inspection mode when the mains is not disconnected. At this time, the indicator light will flash green at medium speed for about 30 seconds to exit The monthly inspection mode then enters the normal mode; when the lamp is put into use for 180±5 days, the system will automatically enter the semi-annual inspection mode when the mains is not disconnected. At this time, the indicator light flashes green quickly for about 30 minutes to exit the semi-annual inspection Mode and then enter the normal mode; in the automatic detection mode, if the emergency time cannot reach the set time, the indicator light is off at this time, indicating that the emergency function is invalid; in the automatic detection state, press the test switch once to exit the automatic detection mode and enter normal status.

2. When the main power and battery lose power supply function at the same time, the self-test program is automatically cleared, and the self-test system will recalculate the monthly and half-yearly inspection time when the mains power is supplied next time.

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 analog test 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. Take care to ensure the mains supply is isolated before installation. Check marked label for correct voltage and frequency supply before installation.
3. 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.
4. If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
5. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
6. The battery is non-user replaceable. If the battery is damaged, only the same battery can be replaced.

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.

