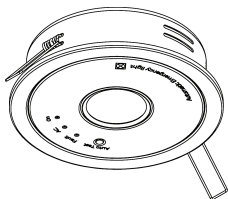
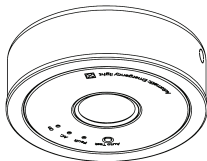


# USER MANUAL

## Emergency Downlight | EDLT Series



EDLT09-3R



EDLT09-3C

### Installation and Operation

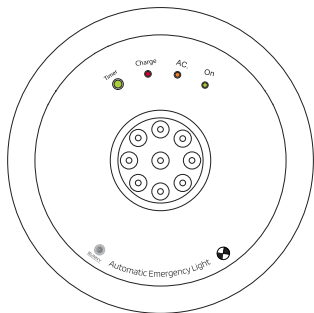
1. Model EDLT09-3R is designed to be embedded in the ceiling / Model EDLT09-3C is designed to be hung on the ceiling.
2. Connect the electrical cable on the INPUT side to a 220-240VAC/50Hz mains power supply. The orange LED AC should turn on to indicate the unit is receiving power.
3. Install properly and securely to prevent accidents that could cause damage to the unit or other people and property.
4. Notice the LED ON in green indicating that the system is ready to operate (the device will operate automatically when power is supplied as it is an AC Start system).
5. The unit should illuminate automatically during a power outage. Once normal power has returned, the unit will continue to illuminate for another 3-5 seconds before turning off.

### Important Note on Using the Unit





1. The emergency lighting unit should be installed indoors, out of direct sunlight and humidity. It should not be installed in environment with temperatures higher than 60 degrees Celsius.
2. When the unit is not in use always turn it off by pressing the "OFF" switch.
3. The unit should be stored in temperatures under 25 Degree Celsius and the battery should be charged every 3 months to maintain its operational life.
4. Please always read the manual carefully prior to operating the unit for the safest and most effective use of the product.

**Caution:** Please always read the manual prior to installation and operation.

## Indicators

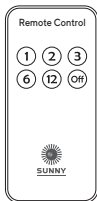


- Timer** ▶ Indicate that a timer has been set for the unit to turn off automatically
- LED Charge** ▶ Indicate the battery charging status
- LED AC.** ▶ Indicate that the unit is receiving a power supply
- LED On** ▶ Indicate that the unit is operational

| Indication Lights   | Display  | Meaning   |
|---|--|---|
| <b>On</b><br>      | - A continuous green light<br>- The green light turns off  | - The unit is turned on and operational<br>- The unit is not turned on  |
| <b>AC</b><br>      | - A continuous orange light<br>- The orange light turns off  | - The unit is receiving a normal AC power supply<br>- The unit is not receiving an AC power supply  |
| <b>Charge</b><br>  | - A continuous red light<br>- A continuous green light<br>- A red light blinks once every 2 seconds<br>- A red light blinks four times every 2 seconds | - The battery is charging<br>- The battery is fully charged<br>- The Low Voltage Indicator is warning that the battery's charge is about to fall below the Voltage Cut-Off point.<br>- The Battery Charging Fail is indicating that the battery is still not fully charged even after 10-15 hours of charging |
| <b>Timer</b><br> | - A green light blinks on and off<br>- The green light turns off   | - The unit's timer has been activated by remote. The illumination from the lamp is not powered by battery but by the mains power supply<br>- The unit's timer has been canceled from the remote.  |

## Timer

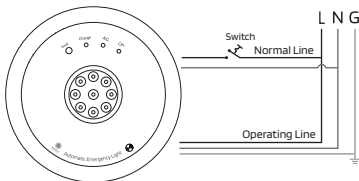
The emergency lighting unit comes with a timer function. Even without a power outage, the lamp can be turned on for illumination by the user, using the normal mains power supply. This function can be turned on and off using the remote and a timer can be set for the lamp to turn off automatically after a certain period of time.



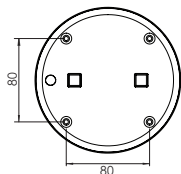
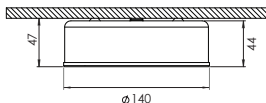
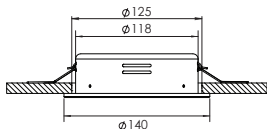
- 1 ▶ The lamp will turn on for 1 hour
- 2 ▶ The lamp will turn on for 2 hours
- 3 ▶ The lamp will turn on for 3 hours
- 6 ▶ The lamp will turn on for 6 hours
- 12 ▶ The lamp will turn on for 12 hours
- Off ▶ Cancel the timer

## Switch Control

The device can be connected and controlled through a switch to control the on-off function at desired locations. Users can provide illumination to the lamps using electricity even when the power is not turned off.



## Dimension (mm)



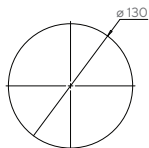
## Initial Trouble Shooting

| Problem   | Cause   |  |
|---|---|--|
| - Power not getting to the unit after plugging in. The LED AC light does not turn on. | - The power socket might not have any power.<br>- The plug or socket is loose.<br>- The AC fuse is blown. | - Check the 220-240VAC power supply.<br>- Check the plug and socket.<br>- Contact customer service.                    |
| - Emergency light does not turn on after the power went out.                          | - The lamp is faulty<br>- The circuit's wiring is loose.<br>- The DC fuse is blown                        | - Contact customer service.<br>- Contact customer service.<br>- Contact customer service.                              |
| - Emergency light only turns on for a short time after the power went out.            | - The battery is not fully charged.<br>- The battery is past its operational lifetime or has deteriorated | - Plug the unit in to charge the battery for about 10 - 15 hours.<br>- Contact customer service to replace the battery |

## Installation Steps

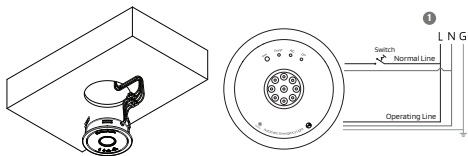
### EDLT09-3R

#### Step 1



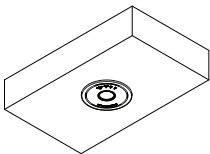
Drill holes in the ceiling as shown in the picture.

#### Step 2



Connect the power cord to the device as shown in **1**, press the spring into the housing as shown in **2**, and install the downlight into the ceiling hole.

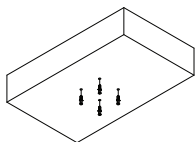
#### Step 3



Installation complete.

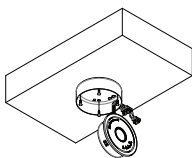
## EDLT09-3C

### Step 1



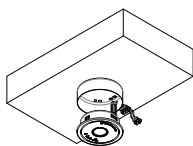
Embed anchors bolt or fastening devices and secure screws into the ceiling.

### Step 2



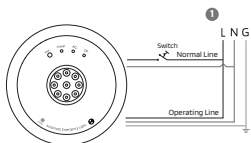
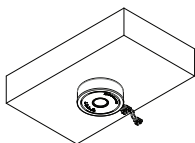
Secure the top cover onto the ceiling.

### Step 3



Assemble the bottom cover onto the top cover.

### Step 4



Installation of the device is complete, and connect the power cord to the device as shown in ①.

## Terms for Warranty and Service

1. The Warranty will only be covered if the customer fills in the "warranty registration form" and mail the return part back to the company within 7 days from the day of purchase. If this is not carried out the warranty will be considered void.
2. The warranty only covers the unit's internal parts. The conditions and durations for the warranty of each part is as specified and the duration of the warranty is calculated from the date of purchase.
3. Please show your warranty card every time you contact our service center or the dealer you purchased the product from.
4. Products that fall into the following category are considered not covered by the warranty.
  - The product was used in a way not specified in the manual.
  - The product was used with accessories not meeting the required specifications specified in the manual.
  - The product seems to have been damaged from being dropped or from strong impact, for example, the parts are loose, dented, scrapped or misshapen.
  - The product has been repaired or modified by personnel not authorized by our company.
  - The Warranty Void sticker is torn or removed.
  - The product is damaged from careless use or incorrect maintenance, for example, the battery is swollen from overcharging, quick charging was used on the battery, the battery terminals have been short-circuited, the unit was used until the battery was completely discharged and not recharged immediately, the product was stored for long periods until the Battery Checker warning activates and still it is not plugged-in to charge or taking the battery to normal temperature conditions and not recharging it every 1 month.
  - The product was stored in an unsuitable environment, for example, a location with moisture or water vapor.
  - The product was supplied with a faulty AC power supply such as electrical overvoltage, electrical current surges, or lightning strikes entering the AC power line.
  - Damages from natural causes such as fire, being summered in fluids, humidity, chemicals or force majeure.
  - Damages from insects or animals.

**Note :** Please read the manual carefully before installation and operation to understand how to properly operate the unit.

For any further questions about your product please feel free to contact SUNNY's customer service department.  
**Tel. (+66) 02-948-4450-2**  
**E-mail: [service@sunnyemergencylight.com](mailto:service@sunnyemergencylight.com)**

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