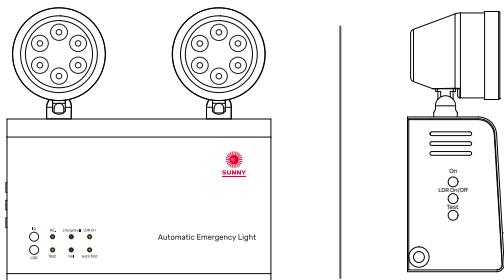




SUNNY
LIGHT FOR LIFE

USER MANUAL

Self-Contained Emergency Light | MEL Series









Installation and Operation

1. Model MEL209CD3 is designed to be install on level surface or hung on a wall.
2. Install properly and securely to prevent accidents that could cause damage to the unit or other people and property.
3. Pressing the ON switch will turn on both lamps.
4. The LED on the unit indicates the following.
 - LED LDR ON is continuously on indicates that the unit is operational
 - LED LDR ON is blinking indicates that the Light Detector function is being used.
5. Plug the unit into a 220-240VAC mains power socket. The lamp should illuminate for about 5 seconds before returning off. The orange AC LED should be on to indicate the unit is receiving power. The red Charge/Full LED should be off indicating that the battery is fully charged.
6. To use the Light Detector function, press the LDR ON switch located on the side of the unit.
 - If the Light Detector function is being used, during power outages the unit will check if the area within its vicinity has less than 5 Lux of illumination. If the surrounding area is brighter than 5 Lux the unit will not turn on and conserve its battery for when it is more needed.
 - If the Light Detector function is not being used the unit's lamp will turn on as soon as there is a power outage regardless of how bright the surrounding area is.

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

Important Note on Using the Unit

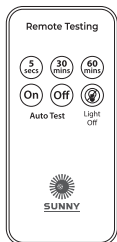
1. The emergency lighting unit should be installed indoors, out of direct sunlight and humidity. It should not be installed in environment with temperatures higher than 40 degrees Celsius.
2. Always press the "ON" switch every time after installation to turn on the unit.
3. When the unit is not in use always turn it off by pressing the "OFF" switch.
4. 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.
5. If there is an audible warning from the battery checker, charge the unit until the warning stops. It could take between 10-15 hours to fully charge the battery.







Indication Lights	Display	Meaning
LDR ON 	<ul style="list-style-type: none">- A continuous green light- A green light blinks on and off	<ul style="list-style-type: none">- The unit is turned on and operational- The Light Detector Function is activated
AC 	<ul style="list-style-type: none">- A continuous orange light- The orange light turns off	<ul style="list-style-type: none">- The unit is receiving a normal AC power supply- The unit is not receiving an AC power supply
Charge/Full 	<ul style="list-style-type: none">- A continuous red light- The red light turns off	<ul style="list-style-type: none">- The battery is charging- The battery is fully charged
Test 	<ul style="list-style-type: none">- A continuous green light- The green light turns off	<ul style="list-style-type: none">- Perform a battery test while the unit is still receiving an AC power supply- Cancel the battery test
Fail 	<ul style="list-style-type: none">- The red light blinks 3 times every 15 seconds- The red light blinks 4 times every 15 seconds	<ul style="list-style-type: none">- A Battery Fail indicates that the testing found that the battery can only supply less than 90 minutes of illumination- A Charging Fail indicates that the battery is not fully charged even after 10-15 hours of charging
Auto Test 	<ul style="list-style-type: none">- A continuous green light- The green light turns off	<ul style="list-style-type: none">- Turn on the automatic battery test- Turn off the automatic battery test

Warning Sounds

- A Battery Checker audio warning will sound twice every 15 seconds to indicate that the battery's charge has fallen below a critical level and the unit should be plugged in to recharge its battery.
- A Low Voltage audio warning will sound once every 15 seconds to indicate that battery's charge is about to fall below the Low Voltage Cut-Off point.

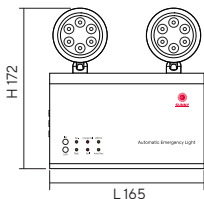
Remote Testing



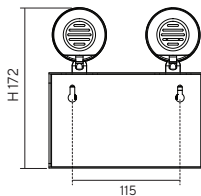
-  ▶ Button for testing the device's function for 5 seconds
-  ▶ Button for testing the device's function for 30 minutes
-  ▶ Button for testing the device's function for 60 minutes
-  ▶ Button for turning on auto battery test system
-  ▶ Button for turning off auto battery test system
-  ▶ Button for canceling the test

Dimension (mm)

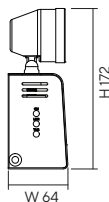
FRONT VIEW



BACK VIEW



LEFT VIEW



Initial Trouble Shooting

Problem	Cause	What to do
- Power not getting to the unit after plugging in. The LED AC light does not turn on.	<ul style="list-style-type: none"> - The power socket might not have any power. - The plug or socket is loose. - The AC fuse is blown. 	<ul style="list-style-type: none"> - Check the 220-240VAC power supply. - Check the plug and socket. - Contact customer service.
- Emergency light does not turn on after the power went out.	<ul style="list-style-type: none"> - The ON switch was not pressed - The lamp is faulty. - The circuit's wiring is loose. - The DC fuse is blown. 	<ul style="list-style-type: none"> - Press the ON switch. - Contact customer service. - Check the unit's circuit connections. - Contact customer service.
- Emergency light only turns on for a short time after the power went out.	<ul style="list-style-type: none"> - The battery is not fully charged. - The battery is past its operational lifetime or has deteriorated. 	<ul style="list-style-type: none"> - Plug the unit in to charge the battery for about 10 - 15 hours. - Contact customer service to replace the battery.

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.

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