



EMERGENCY CEILING LIGHT

Date:..... Location:

Product:..... Project:.....

Quantity:..... Catalog#



ILLUMINATION:

High-brightness, energy-saving and long-service white Emergency LED adjustable lamp heads.

- Power: 3 W LED chip
- Integrated design combining lamp body, reflector and lens
- Trim plates with light function available as an option
- Emergency luminous flux: above 350 lm

OPTIONS:

SDT Function

Self-diagnostic system conducts monthly and annual automatic tests to ensure stable operation and comply with electrical & safety codes

Structure

- Square and round designs are available.
- Ambient lighting can be equipped as an option.
- Bluetooth control version is optional.

ELECTRICAL:

- Universal 100-347 voltage
- Charge rate/power "ON" LED indicator light and push-to-tests witch for mandated code compliance testing.
- Long-life and maintenance-free rechargeable battery. witch for mandated code compliance testing.
- Long-life and maintenance-free rechargeable battery.
- Internal solid-state transfer switch automatically connects the built-in battery to LED lamp heads, providing a minimum 90-minute runtime.
- Fully automatic solid-state dual-rate charger starts charging, fully replenishing a depleted battery within 24 hours.

ELECTRICAL:

- Constructed of injection-molded, engineering-grade, 5VA flame-retardant and impact-resistant thermoplastic, available in white or black finish.
- Includes injection-molded engineering-grade thermoplastic trim plates in oval and rectangular shapes, featuring 5VA flame retardancy and impact resistance, offered in white or black finish.

WARRANTY / LISTING:

- Five-year limited warranty
- Compliant with UL 924, NFPA 101 Life Safety Code, NEC, OSHA, as well as local and state codes.
- UL Listed for damp locations. Operating temperature: 5°C to 50°C
- CEC Certified (Title 20 Appliance Efficiency Regulations)

MOUNTING:

- Supplied bar hangers are compatible with drywall and drop ceiling mounting. The unit can be recessed into T-bar suspended ceilings, and features simple spring-fit installation for sheetrock ceilings.

PERFORMANCE

Model NO	CCT(X)	Wattage	Housing color(y)	Battery	Version	Voltage/Current Input		Installtion Method(z)
						120V	277V	
LS-ED3W3CCT	3/4/5K	3W	White	0:LiHion	Ordinary	0.03A	0.01A	Spring-mounted Bracket-mounted

NOTE: First digit: 2

N.L = with ambient light; N = without ambient light.

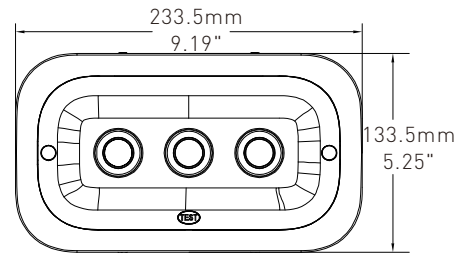
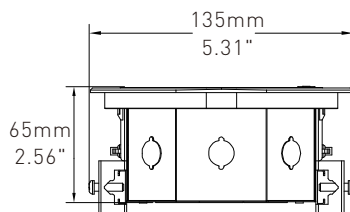
Second character: C (cold), W (warm), N (natural, can be omitted after N), M (multi-color).

Third character: 5 selectable CCT values (2700K-5000K).

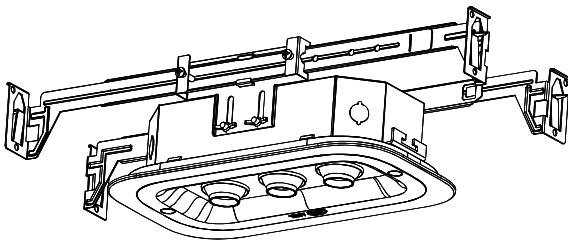
EMERGENCY CEILING LIGHT

► DIMENSION

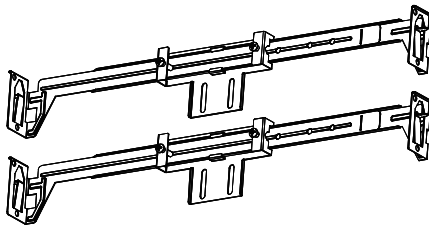
Case:13.31"*1.34"*11.50"[338mm*34mm*292mm]



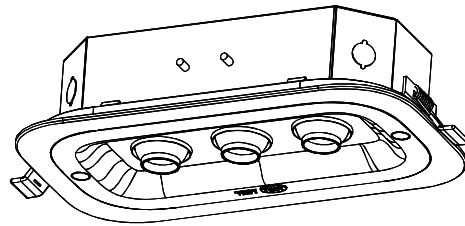
► BRACKET MOUNTING (OPTIONAL)



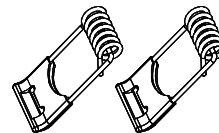
Part:



SPRING MOUNTING



Part:



OPERATION

Emergency Mode: Upon AC power failure, the emergency driver automatically activates emergency mode and keeps the LEDs operating for no less than 90 minutes. When AC power is restored, the driver reverts to normal operation and resumes battery charging.

SELF-DIAGNOSTIC TEST

This device is equipped with a control and monitoring circuit. When enabled, it automatically runs a 30-second discharge test monthly and a full 90-minute discharge test annually.

During routine tests, the emergency driver simulates an AC power outage and switches the unit to emergency mode automatically. It monitors the LED load performance, battery voltage and emergency runtime.

If the emergency system works normally, the unit will revert to standard operation. If any faults are detected, the indicator light will flash corresponding to the specific failure (refer to the Troubleshooting Guide). The alarm will remain active until the issue is resolved and the unit passes the subsequent test.

INDICATOR LIGHT INTRODUCTION

① Red/ON: Charging ② Green/ON: Full-charged ③ Indicator light OFF: Discharging(emergency mode)

④ Green/Flashing: Self-testing ⑤ Red Flashing:Error

Note: See Trouble Shooting Guide



Mode	LED Indicators Status	Error	EM Driver Status / Mode	Corrective Action
Normal Mode	Solid Green	None	Battery fully charged/System OK	/
	Solid Red	None	Battery is charging	/
	Both LEDs OFF	None	In EM mode or emergency run-time is ended	/
	Flashing Green	None	Self-Diagnostic test underway	/
Fault Mode	Flashing Red	Battery	Battery not connected Battery failure	1.Check battery switch or connection 2.Replace battery. 3.Contact after-sales.
	Flashing Red	LED Load		1. Check whether there are short circuits,damage, dimming wires connection wrong orloose. 2.Contact after-sales.

MANUAL TEST

Test Mode	Description	Action	Status	Quit
Fast Test	Quick discharge test	Press the test button 1 time	LED load will flash for 5s	/
Monthly	30-second test	Press the test button 3s continuously	LED load will flash for 30s	Hold the test button/switch for 1s
Annually	90-minute test	Press the test button 6s continuously	LED load will flash for 90 minutes	Hold the test button/switch for 1s

Bluetooth Version

For detailed information, please refer to the Bluetooth documentation,