

LED OVAL EMERGENCY LIGHT

EXTC/OM/4W/UNV/WH/EM



ILLUMINATION

- Long lasting, efficient, ultra bright white LED lamp heads.
- 1.5 watt (12 LEDs x 0.125 watt) per head.
- High performance chrome-plated metallized reflector and plastic lens for optimal light distribution.
- Adjustable LED lamp heads provide optimal center-to-center spacing.
- Emergency luminous flux $\geq 300\text{lm}$.

ELECTRICAL

- 100-277Vac voltage standard.
- Charge rate/power "ON" LED indicator light and push-to-test switch for mandated code compliance *testing*.
- Long life, maintenance-free, rechargeable Li-ion battery.
- Internal solid-state transfer switch automatically connects the internal battery to LED lamp heads for minimum 90-minute emergency illumination.
- Fully automatic solid-state, charger initiates battery charging to recharge a discharged battery in 24 hours.

MOUNTING

- Universal knockout pattern on back plate for surface mount. Snaps into place making internal electrical *connections*.
- Suitable for wall or ceiling mount.
- Knockout for conduit applications.

OPTIONS

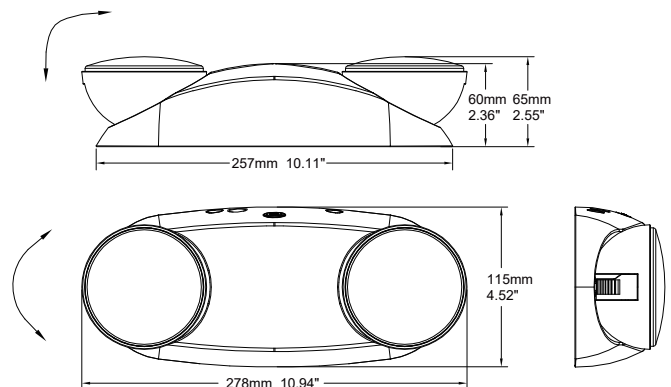
- SDT: Self-diagnostic feature performs monthly, biannual, and annual tests to ensure reliable operation and meets electrical and life safety codes.
- HL: 12-LED heads provide increased center-to-center spacing (1.5W per head).
- SPV: UL Listed for 100-277 Volt, 50/60Hz.
- CEC: Certified to CEC under Title 20 Regulations.
- Bluetooth Control Version are available.

WARRANTY / LISTING

- Five year warranty on all electronics and housing.
- UL (standard) listed for damp locations (5°C – 50°C).
- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes.

DIMENSIONS

Case: 10.94" x 4.52" x 2.55" (278mm x 115mm x 65mm)



ORDERING INFORMATION

MODEL	POWER (W)	BATTERY	VERSION	HOUSING COLOR	SDT	Self-Diagnostics
EXTC/OM/4W/UNV/WH/EM	4W	Ni-MH	Ordinary no BT	White	HL	High-Lumen
					SPV	100-277 Volt, 50/60Hz
					CEC	Title 20 Compliant

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OPERATION

Emergency Mode: When AC power fails, the emergency driver automatically switches to emergency mode, operating the LEDs for a minimum of 90 minutes. When AC power is restored, the emergency driver switches the system back to the normal mode and restores to the battery charging state.

SELF-TEST:

This unit contains a control/monitor circuit that if enabled automatically performs a 30-second discharge test once a month and a full 90-minute discharge test once a year. During routine testing, the self-testing emergency driver simulates an AC power failure causing the unit to automatically switch to emergency mode. The unit will monitor the operation of the LED load, battery voltage, and emergency duration. If the emergency system functions properly, then the unit will return to normal mode. Should the unit detect any problems, the indicator light will flash per failure condition (see Troubleshooting Guide) until the condition has been corrected and the unit passes the next 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 or loose. 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.