

EMERGENCY LIGHT - WET LISTED - ALL LED - WHITE AND BLACK HOUSING

Code: EL-WETLED



This wet location emergency light provides a stylish and practical solution to your outdoor emergency lighting needs.



FEATURES

- UL 924, NEC, OSHA and NFPA 101 Life Safety Code
- NEMA 4X Wet Location Rated
- Universal 120-277VAC 50/60Hz
- Fully gasketed corrosion-resistant enclosure
- Includes two high output LED lamps
- Solid state charging circuit
- Short circuit and overload protection on DC output circuit
- Low voltage disconnect (LVD)
- Sealed momentary push-to-test switch

WARRANTY INFORMATION

Any component that fails due to manufacturer's defect is guaranteed for 1 year. The warranty only covers products installed and maintained in accordance with the instructions provided by their respective manufacturer and no warranty is made with respect to any of our products that are otherwise installed or maintained. For full warranty details, visit our [Warranty Section](#).

Conformance to Codes and Standards

The EL-WETLED series is UL listed and meets or exceeds the following: UL 924, NEC, OSHA and NFPA 101 Life Safety Code requirements.

ORDERING INFORMATION

Series	Housing Color	Operation Type	Operating Temperature
EL-WETLED	W (White)	BB (Battery Backup)	STD (Standard 41°F-122°F)
	B (Black)	STHO (Self-Testing + High Output)	CW (Cold Weather -4°F-122°F)

CONSTRUCTION

Built with a durable NEMA 4X rated plastic enclosure, it features 5VA flame-retardant and UV-resistant properties, ensuring long-lasting performance and safety. Polycarbonate lens is UV stabilized but some discoloration may occur over time if installed in direct sunlight.

SELF-TESTING OPTION

Unit continuously monitors the AC power, battery supply voltage, emergency lamp condition and charging circuit. If failure is detected, the indicator will show status and correct when adjusted. Unit will automatically perform NFPA required monthly and annual testing. Refer to user manual for details.

ILLUMINATION

Emergency lamps use long-lasting, energy efficient ultra bright white LEDs. 4 high output LEDs per head. Lumen output: 220 - 1450lm.

ELECTRICAL COMPONENTS

Universal voltage input of 120-277VAC 50/60Hz input. LED display indicates AC/ON. An external push button test switch with battery backup units allows maintenance personnel to quickly determine the operational status of the unit. Unit offers surge protected, solid state circuitry.

EMERGENCY OPERATION

Upon failure of the normal utility power, an internal solidstate transfer switch automatically provides uninterrupted emergency operation for at least 90 minutes. The fully automatic solid-state, two-rate charger initiates battery charging to recharge a discharged battery in 24 hours.

BATTERY - BATTERY BACKUP

The EL-WETLED series is designed with a maintenance-free LiFePO4 battery that provides a minimum emergency duration of 90 minutes. LiFePO4 batteries are known for their longevity, safety, and efficiency. With LiFePO4 batteries, safety is paramount – their formulation, lithium iron phosphate, is highly resistant to overheating and fire hazards. They are backed by an integrated battery management system (BMS) to prevent overcharge, over-discharge, and short-circuiting, ensuring peace of mind for users. Recharge time of the battery is 24 hours.

Battery Backup: 3.2V 1500mAh
Self Testing: 6.4V 4000mAh

PHOTOMETRICS

Contact us to request the IES file for the ST-HO model.

Suggested mounting height of 7.5ft illuminates 1 footcandle (FC) **spaced at 35ft for a 3ft path of egress (Battery Backup Model)**

Mounting height of 7.5ft illuminates 1 footcandle (FC) **spaced at 118ft for a 3ft path of egress (Self-Testing Model)**

Disclosure:

Spacing is measured in lab condition with an assumed open space, no obstruction and reflection rates of 80 (ceiling) / 50 (walls) / 20 (floor). Actual spacing may vary depending on what environment fixture is installed in.

OPERATIONAL TEMPERATURE

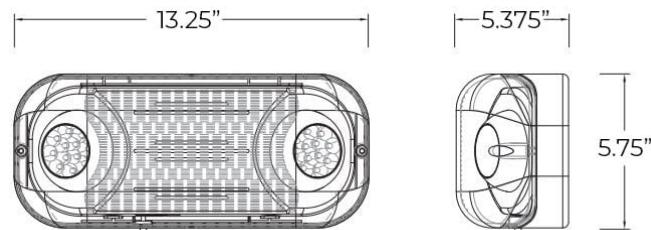
Temperature Ratings

Standard Option	41°F to 122°F
Expanded Temperature	-4°F to 122°F

INSTALLATION

The EL-WETLED Wet Listed Emergency Light can be both wall and ceiling mounted. The outside housing is designed with a universal knock-out pattern that adapts to different j-box configurations.

DIMENSIONS

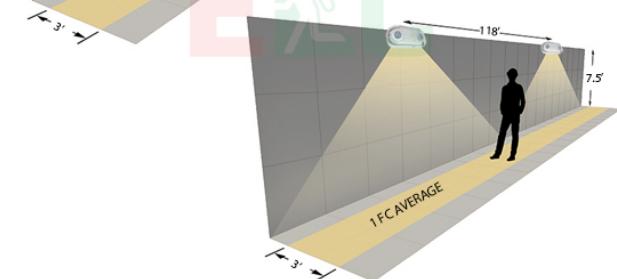
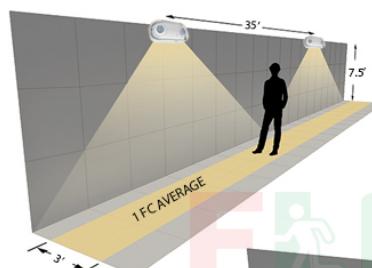


Weight : 4.00 lb

ELECTRICAL INFORMATION

Series	Input Voltage	Power Consumption	Current	Discharge Duration
EL-WETLED-BB-CW	120-277VAC 50/60Hz	3W (220 Lm)	40mA	90 Minutes
EL-WETLED-STHO	120-277VAC 50/60Hz	5W (1450 Lm)	70mA	90 Minutes

Battery Backup Model



Self-Testing Model