



LED HAZARDOUS LOCATION EMERGENCY LIGHT | CLASS 1 DIVISION 2 | ADJUSTABLE LAMP HEADS

Code: EL-C1D2



The EL-C1D2 Series is not only ideal for wet locations, its durable design is also resistant to corrosive atmospheres and harsh environments.



Compatible Remote Head(s): [RH-C1D2](#)

FEATURES

- UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes
- IP66 rated for Ingress Protection
- Rated for Class 1, Division 2, Group A, B,C, & D
- UL Listed for Wet Locations
- 120/277 VAC dual-voltage input
- Internal solid-state transfer switch
- Universal knockout pattern on back
- MR16 Base Style LED Lamps

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-C1D2 is UL listed and meets or exceeds the following: UL 924, NEC, OSHA, NEC, NFPA 101 Life Safety Code requirements, IP66 rated for Ingress protection, and Rated for Class I, Division 2, Groups A, B, C & D.

ORDERING INFORMATION

Series	Housing Color	Operation Type	Voltage	Wattage	Temperature Rating	Hardware
EL-C1D2	GR (Gray)	RH (Battery Backup + Remote Head Capable)	6V	15W	STR (Standard Temperature Rating)	SDH (Standard Hardware)
		ST (Battery Backup + Self-Testing)	12V		CW (Expanded Temperature Rating)	TP (Tamper Proof Hardware)

CONSTRUCTION

The EL-C1D2 Emergency Light series is constructed of fiberglass reinforced polycarbonate construction in gray finish. Corrosion-resistant enclosure with one piece, high impact resistant, UV stabilized polycarbonate lens and molded gasket with stainless steel screws. Tamper-proof hardware is available for unauthorized access to the unit.

ILLUMINATION

The EL-C1D2 Emergency Light series is designed with two fully adjustable, ultra bright 3.3W high performance MR-16 base LED lamp heads for optimized center to center spacing.

ELECTRICAL COMPONENTS

Dual 120/277 VAC operation. Unique bi-color LED indicator light alerts occupant on battery condition (Green-normal, Red-check-battery). Unit offers surge protected, solid state circuitry. Battery backup models offer an external push button test switch, brownout detection, AC lockout, low voltage disconnect and visual LED system fault indicator.

EMERGENCY OPERATION

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

BATTERY - BATTERY BACKUP

The EL-C1D2 Emergency Light series is designed with a maintenance-free 6V/12V rechargeable NiCad battery that provides a minimum emergency duration of 90 minutes. Recharge time of the battery is 24 hours.

PHOTOMETRICS

Standard mounting height of 7.5ft illuminates 1 footcandle (FC) **spaced at 45ft for a 3ft path of egress.**

Mounting height of 10ft illuminates 1 footcandle (FC) **spaced at 38ft for a 3ft path of egress.**

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 the fixture is installed in.

SELF-TESTING OPTION

Unit will automatically perform NFPA required monthly, bi-annual, and annual testing when Self-Testing + Battery Backup Operation is selected. Ensure reliable operation and meet electrical and safety codes.

OPERATIONAL TEMPERATURE

Temperature Ratings	
Series	Temperature
Standard	32°F to 122°F
Expanded Temperature Rating	-4°F to 122°F

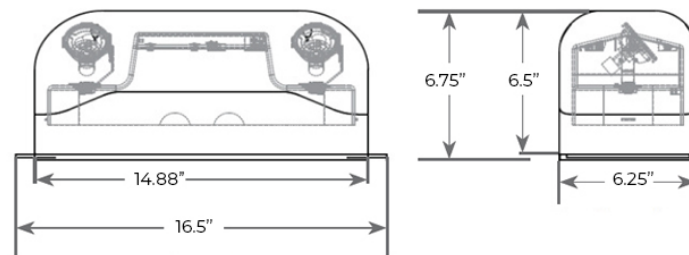
REMOTE HEAD CAPABLE OPTION

The EL-C1D2 Emergency Light series offers 7.8W of remote head capacity (6V/12V DC output) standard. The remote heads would then operate on the same emergency mode as the standard units (see Emergency Operation Section).

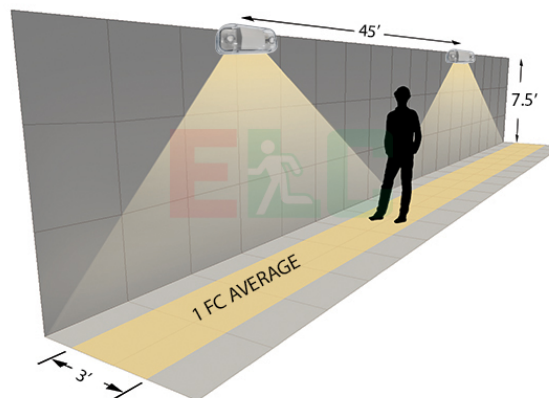
INSTALLATION

The EL-C1D2 Emergency Light series is suitable for surface wall mount installation with its die-cast mounting brackets. Pre-installed conduit hub for conduit and pendant-mount installation.

DIMENSIONS



Weight : 15.00 lb



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