



LED REMOTE HEAD CAPABLE INDUSTRIAL EMERGENCY LIGHT | 6 VOLT | 50 OR 100 WATT | OPTIONAL LAMP HEADS

Code: EL-HD6



The EL-HD6 emergency light now features energy-efficient LED lamp heads, offering lower energy consumption, improved illumination, and longer lifespan compared to outdated incandescent models. Designed for reliability, it includes 6V 12Ah maintenance-free batteries, operates on 120 or 227 VAC, and supports remote LED heads for expanded lighting coverage. Built for durability and easy installation, the EL-HD6 is an ideal solution for critical emergency lighting in commercial, industrial, and public facilities.



Compatible Battery: [B6V12A](#)

Compatible Remote Head(s):

LED: [RHB-WPL](#) (Outdoor Use), [RHB-L](#) (Indoor Use)

FEATURES

- UL 924, NEC, OSHA and NFPA 101 Life Safety Code
- UL Listed for dry locations
- Universal 120/277 VAC (60Hz) input
- Compact low profile design in neutral finish
- Optional two adjustable lamp heads
- Environmentally-coated, solid state charger
- Automatic low voltage disconnect (LVD)
- Push-to-test switch
- Charge rate / power-on indicator light

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-HD6 Emergency Light 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	Remote Capacity	Lamp Configuration
EL-HD6	BE (Beige)	RH (Remote Head Capable)	50W (50 Watts)	2L (2 Lamps)
			100W (100 Watts)	NL (No Lamps)

CONSTRUCTION

The EL-HD6 Industrial Emergency Light has an injection-molded, engineering-grade, 5VA flame retardant, high-impact thermoplastic construction housing.

ILLUMINATION

The EL-HD6 Emergency Light features ultra-bright, energy-efficient, long-life white LED lamp heads, delivering reliable illumination with up to 100-foot center-to-center spacing along a 6-foot-wide egress path when mounted at a 15-foot height. Each lamp head operates at 6.0 watts, utilizing 12 high-performance LEDs at 0.50 watts each. The adjustable, glare-free PAR-type lamp heads incorporate a fully integrated design, combining the lamp, reflector, and lens into a single, cohesive assembly for optimal performance and ease of use.

ELECTRICAL COMPONENTS

The EL-HD6 Emergency Light is designed to support both 120V and 277V electrical configurations, ensuring flexible installation options. It includes a charge rate and power status LED indicator, along with a push-to-test switch for convenient compliance with mandatory code testing. A built-in low voltage disconnect (LVD) protects the battery from excessive discharge, enhancing its longevity. An internal solid-state transfer switch ensures a seamless connection to the lamp heads, delivering a minimum of 90 minutes of emergency illumination. Additionally, the fully automatic two-rate solid-state charger quickly restores a discharged battery within 24 hours, ensuring the system is always ready for use.

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-HD6 Emergency Light comes with maintenance-free 6V 12Ah rechargable sealed lead acid batteries. 50W units are equipped with two 6V batteries and 100W units are equipped with four 6V batteries.

PHOTOMETRICS

Suggested mounting height of 15ft illuminates 1 footcandle (FC) **spaced at 100ft for a 6ft 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.

OPERATIONAL TEMPERATURE

Temperature Ratings

Series	Temperature
Standard Option	68°F to 104°F

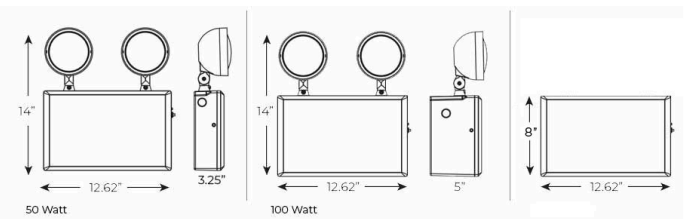
REMOTE HEAD CAPABLE OPTION

This emergency lighting system provides 38W and 88W of remote capacity with a 6V DC output, available as standard on the 50W and 100W models. This feature allows for the connection of additional remote heads, making it easy to extend lighting coverage and illuminate dark or hard-to-reach areas, ensuring enhanced safety and visibility in emergency situations. The remote heads would then operate on the same emergency mode as the standard units (see Emergency Operation Section).

INSTALLATION

This emergency lighting system is designed for versatile installation, featuring knockouts on the back for convenient wall mounting. Additionally, side and top knockouts are provided to accommodate conduit feed applications, ensuring flexibility in various mounting and wiring configurations.

DIMENSIONS



Weight : 23.00 lb

