

The LL50H-N4 is ideal for wet locations, resistant to corrosive atmospheres and non-hazardous dust environments. The adjustable halogen lamps are enclosed in a fully gasketed, corrosive-resistant polycarbonate enclosure designed to withstand the harshest environments.

FEATURES

- Easy to install, snap together design
- Wet Location Listed; resistant to corrosive atmospheres and non-hazardous dust environments
- UL 94 5VA flame retardant thermoplastic components
- Fully-adjustable, high-intensity 7.2 Watt MR16 halogen lamp
- Low voltage disconnect eliminates deep discharge
- Optional internal battery heater (IH) for cold locations (down to -10°C)
- Brownout, short circuit and voltage surge protection
- Maintenance-free lead acid battery
- UL Listed 90 minute emergency run time, 24 hour recharge time
- Universal knockout pattern provided for wall mounting
- Standard finish: Gray
- 120/277V dual primary, 60Hz input
- Fixture series may be built to comply with the American Recovery and Reinvestment Act of 2009 (ARRA) requirements and Buy American provisions (USA Option) - call factory for details.

Model: _____ Date: _____
 Accessories: _____
 Job Name: _____ Type: _____



WARRANTY

Any component that fails due to a manufacturing defect is guaranteed for five (5) years with a separate two (2) year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Exitronix warranty document for detailed information.



ORDERING INFORMATION Example: LL50H-N4

Series	Options (Factory Installed)	Accessories ¹ (Field Installed)
LL50H-N4	IH = Internal Battery Heater 120/277V USA = Meets Buy American Requirements	WG-7 = Wire Guard (Back Mount) XG-90 = Poly Guard (Back Mount)
Notes		
¹ Order as separate line item		

CONSTRUCTION

The LL50H-N4 is a precision molded unit with lamp housings constructed of UV stable UL 94 5VA flame retardant, corrosion-proof thermoplastic. Units resist denting, peeling, scratching and corrosion. Tool-less access provided for easy maintenance, universal J-box mounting pattern and keyhole slots provided for simple installation.

ILLUMINATION

Two (2) fully adjustable, attractive lamp heads allow for maximum light to be delivered to the path of egress. Emergency lights consist of two (2) 6 Volt, 7.2 Watt, MR-16 halogen lamps with 100 lumen output per lamp.

ELECTRICAL

Input

Dual-voltage input 120 or 277VAC @ 60Hz.

Sealed Lead Acid Battery – SLA

Exitronix sealed lead acid batteries are maintenance-free with a life expectancy of five (5) years. Sealed lead acid batteries provide a relatively large power-to-weight ratio making them ideal for emergency applications. Lead acid batteries are constructed of a series of plates stacked with separators designed to optimize the efficiency and prolong the life of the battery. Lead acid batteries perform optimally in temperatures ranging from 15-40°C.

Emergency

The LL50H-N4 will operate for a minimum of 90 minutes during a loss of power with a 24 hour maximum recharge time for the battery.

Brownout Circuit

The brownout circuit monitors the flow of AC current to the unit and triggers the emergency lighting system once a set reduction of AC power occurs. This dip in the voltage will cause many fixtures to extinguish causing loss of normal lighting even though a total power failure has not occurred.

Low Voltage Disconnect

When the battery's terminal voltage falls below predetermined levels, the low-voltage circuit disconnects the emergency lighting load. The disconnect remains in effect until normal power is restored, preventing deep battery discharge and improving the life of the battery. The disconnect will also automatically reconnect the load circuit once the battery voltage returns to a normal value after charging.

Solid-State Transfer

The unit features a solid-state switching transistor which eliminates damaged contacts or mechanical failures associated with relays. The switching circuit is designed to detect a loss of AC power and automatically energizes the lamps. Upon restoration of the AC voltage, the emergency lamps will switch off and the charger will automatically recharge the battery.

Test Button

Our easily located test button allows for manual verification of proper operation of the transfer circuit and emergency lamps.

INSTALLATION

A universal mounting pattern and rear keyhole slots are provided for wall mounting.

INTERNAL HEATER (Option: IH)

The internal heater on this emergency fixture is designed to extend the operating temperature range of this unit down to -10°C (14°F).

CONFORMANCE TO CODES & STANDARDS

The LL50H-N4 Series is UL Listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101.

DIMENSIONS

