

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.

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
Accessories: \_\_\_\_\_  
Job Name: \_\_\_\_\_ Type: \_\_\_\_\_

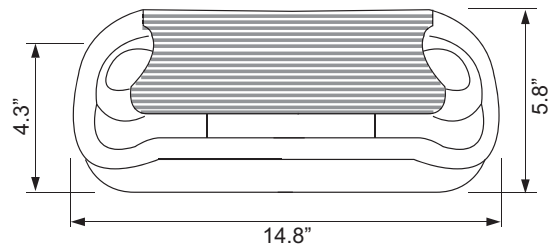
**FEATURES & BENEFITS**

- Wet Location Listed; resistant to corrosive atmospheres and non-hazardous dust environments
- UL 94 5VA flame-retardant thermoplastic components
- Optional internal battery heater (IH) for cold locations (down to -10°C)
- UL Listed 90 minute emergency run time, 24 hour recharge time
- American Recovery and Reinvestment Act (ARRA) compliant (with USA option)



**SPECIFICATIONS**

**Illumination:** Fully adjustable 7.2W MR16 halogen lamps  
**Housing:** UL 94 5VA flame-retardant thermoplastic  
**Input:** 120/277VAC Dual Primary, 60Hz  
**Battery:** Maintenance-free sealed lead acid battery  
**Operating Temp:** 15°C to 40°C (59°F to 104°F)  
 -10°C to 40°C (14°F to 104°F) with IH option  
**Run Time:** UL Listed 90 minute emergency run time, 24 hour recharge time  
**Mounting:** Wall mount with universal mounting pattern and keyhole slots  
**Finish:** Gray  
**Certifications:** UL Listed for Wet Locations, meets or exceeds NEC requirements and NFPA 101. American Recovery and Reinvestment Act (ARRA) compliant (with USA option)  
**Warranty:** Any component that fails due to a manufacturing defect is guaranteed for five years with a separate two year prorated 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. (Terms and Conditions apply)



**ORDERING INFORMATION Example: LL50H-N4**

Series	Options (Factory Installed)	Accessories <sup>1</sup> (Field Installed)
LL50H-N4	IH = Internal Battery Heater 120/277V USA = Meets Buy America Requirements	WG-S = Wire Guard (Back Mount) XG-90 = Poly Guard (Back Mount)

**Notes**

<sup>1</sup> 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 fully adjustable, attractive lamp heads allow for maximum light to be delivered to the path of egress. Emergency lights consist of two 6V/7.2W 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 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° to 40°C (59°F to 104°F).

### 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.

## 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.

## OPTIONS

### 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).

### Assembled in the USA (Option: USA)

Can be produced or transformed to comply with the American Recovery and Reinvestment Act of 2009 (ARRA) requirements and Buy American provisions.

## CONFORMANCE TO CODES & STANDARDS

The LL50H-N4 Series is UL Listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101. American Recovery and Reinvestment Act (ARRA) compliant (with USA option).

## ON-CENTER SPACING (Using multiple units mounted at a typical 7.5 foot height, 80/50/20 reflectance)

Model	# of LED Lamps	3' Path, 6' Corridor	6' Path, 6' Corridor
LL50H-N4	2	25'	20'