

Model Number:

Accessories:

Job:

Type:

Approvals:

FEATURES

- Easy to install, snap together design
- Wet location listed; resistant to corrosive atmospheres, non-hazardous dust environments
- UL94-5VA flame retardant thermoplastic components
- Fully-adjustable, high-intensity 5 watt MR16 halogen lamp
- AC lockout for ease of installation and installer protection
- Low voltage disconnect eliminates deep discharge
- Brown-out, short circuit and voltage surge protection
- UL recognized maintenance-free lead acid battery
- UL listed 90 minute emergency run time, 24 hour recharge time
- Universal Mounting - Ceiling or wall mount
- Standard finishes: Black and white
- 120/277V dual primary, 60Hz input



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

WARRANTY

Any component that fails due to manufacturer's defect is guaranteed for 1 year with a separate 5 year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or acts of God. Manufacturer reserves the right to charge for such repairs if deemed necessary.



SPECIFICATIONS ARE SUBJECT
TO CHANGE WITHOUT NOTICE

ORDERING INFORMATION Example: LL50H-N4**Series**

LL50H-N4 = 6V, 5W Halogen Lamps, Wet Location Rated

CONSTRUCTION

Enclosure is constructed of precision molded polycarbonate, resistant to corrosive atmospheres. Fully gasketed clear polycarbonate cover encloses lamps and reflectors, and offers protection against wet, non-hazardous dust, and hose down locations.

ILLUMINATION

Units come standard with two fully adjustable MR-16, 6 volt, 5 watt halogen lamps.

ELECTRONICS

Dual voltage, 120 volt or 277 volt input. Circuit provides automatic brownout, short circuit, and overload protection. A sealed momentary test switch and LED charge indicator are included.

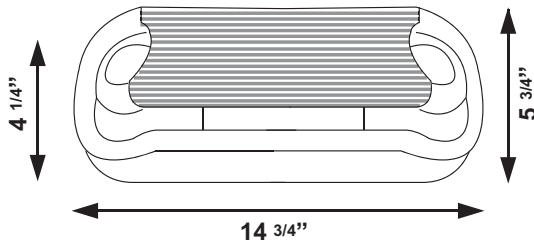
BATTERY

Maintenance-free, sealed lead-calcium battery provides an estimated service life of 10 years with an operating temperature range of 19°C to 30°C (65°F to 85°F).

CONFORMANCE TO CODES & STANDARDS

The LL50H-N4 Series is U.L. listed and meets or exceeds the following: U.L. 924, N.E.C. requirements and N.F.P.A. 101.

DIMENSIONS



EMERGENCY OPERATION

120/277 VAC dual voltage input with surge protected, solid-state charging circuitry provides for a reliable charging system. The charging system is furnished with low voltage disconnect, AC lockout, brownout protection, AC indicator lamp and test switch. The low voltage disconnect (LVD) feature will disconnect the battery prior to an unacceptable deep discharge, but not before the required 90 minute emergency operation. The AC lockout feature prevents battery drain prior to the initial energizing of utility power, and allows the installer to complete all wiring and electrical connections without energizing the emergency circuit. The brownout protection circuitry will automatically switch the unit into the emergency mode if the utility voltage sags below 20% of nominal. Battery charging circuitry is entirely solid-state, and utilizes a constant current charger for sealed lead-calcium battery units. Battery recharge time after full discharge is less than the required UL 924 standard. Line sensitive electronics cause an instantaneous transfer to battery power if utility power is lost, or a brownout condition is detected. When line voltage is present and stabilized, the transfer circuitry switches back to normal operation and begins recharging the battery. The transfer circuitry can be tested via a momentary test switch located on the housing.