

The LED-60 provides a dependable, low energy solution to accommodate virtually any indoor application. With its rugged design and versatility, the LED-60 offers a perfect solution.

**FEATURES**

- Completely self-contained
- Ultra-compact, low-profile design
- Each fully adjustable lamp head contains 8 LED configuration
- Rugged, injection-molded UL94 5VA flame retardant, high-temperature thermoplastic housing
- AC lockout for ease of installation and installer protection
- Brown-out, short circuit and voltage surge protection
- Maintenance-free NiCad battery
- UL listed 90 minute emergency run time, 24 hour recharge time
- Universal J-Box mounting
- Suitable for damp locations
- Standard finishes: Black or White
- 120/277V dual primary, 60Hz input

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



**WARRANTY**

Any component that fails due to manufacturer's defect is guaranteed for 5 years with a separate 5 year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or acts of God. See the full Exitronix warranty document for detailed information.



**ORDERING INFORMATION Example: LED-60-BL**

Series	Finish	Accessories <sup>1</sup> (Field Installed)
LED-60	BLANK = White	WG-90 = Wire Guard (Back Mount)
	BL = Black	WPV-2 = Wet Location/Vandal Guard (Back Mount)
<b>Notes</b>		XG-90 = Poly Guard (Back Mount)

<sup>1</sup> Order as separate line item

## CONSTRUCTION

The LED-60 is a precision molded unit with lamp housings constructed of UV stable UL 924 V-0 flame retardant, corrosion proof thermoplastic. Units resist denting, peeling, scratching and corrosion. Not recommended for outdoor use. Tool-less access provided for easy maintenance, universal J-box mounting pattern and keyhole slots provided for simple installation.

## ILLUMINATION

Illumination is accomplished utilizing high-intensity, long-life LEDs and consumes only 1 watt nominal power per head. LEDs provide excellent illumination while maximizing energy efficiency. LEDs are a maintenance-free solution, providing up to 100,000 hours of use without failure.

## ELECTRICAL

### Input

Dual-voltage input 120 or 277VAC @ 60Hz

### Sealed Nickel Cadmium Battery – NiCad (With Battery Only)

Exitronix sealed nickel cadmium batteries are maintenance-free with a life expectancy of 15 years. Nickel cadmium batteries offer high discharge rates and continue to perform in a vast temperature range from 0-40 degrees C. NiCad technology provides long lasting, safe and reliable performance by utilizing the jelly-roll design and allows a Ni-Cad cell to deliver a much higher maximum current than an equivalent size alternative battery. As a relatively larger area of the electrode is in contact with the active material in each cell, the internal resistance for an equivalent sized NiCad cell is lower which increases the maximum current that can be delivered.

### Emergency

The LED-60 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.

### Overload and Short-Circuit Protection

The solid-state overload monitoring system in the DC circuit disconnects the lamp load from the battery should excessive wattage demands be made and automatically resets when the overload or short-circuit is removed. This overload current protective characteristic eliminates the need for fuses or circuit breakers for the DC load.

### Test Button

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

## DAMP LOCATION RATED

Standard damp location rating ensures the circuitry within the fixture is protected from humidity and moisture build up. Fixtures with a damp location rating cannot be exposed directly to the elements in outdoor locations.

## INSTALLATION

Units are mountable in any orientation, on wall or ceilings. A universal mounting pattern and rear keyhole slots are provided.

## CONFORMANCE TO CODES & STANDARDS

The LED-60 Series is UL listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101.

## DIMENSIONS

