

The LED-90L-G3 Series combines a low-profile, contemporary appearance with LED economy and dependability. Fully adjustable heads complement any application.

The **GUARDIAN G3** remote monitoring and reporting system from Exitronix simplifies code compliance and significantly reduces operating and maintenance costs by offering automated testing, remote monitoring and reporting of emergency fixture status from a centralized location. For standard fixtures without remote monitoring and reporting, [click here](#).

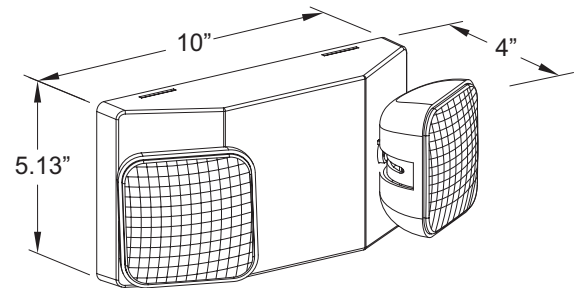
FEATURES & BENEFIT

- Includes GUARDIAN G3 self-test/self-diagnostics with remote monitoring and reporting
- Comes standard with two (2) 1W lamps, optional 1.5W lamps (Option: 3W) or 3W lamps (Option: 6W) available
- Low-profile, streamlined, thermoplastic housing
- Remote capable (3W), compatible with [JLED](#), [RL1-WP](#) and [RL52](#) remote lamps
- UL 924 Listed for Damp Locations

SPECIFICATIONS

- Illumination:** Two (2) 1W lamps (standard)
Optional 1.5W lamps (Option: 3W)
Optional 3W lamps (Option: 6W)
- Housing:** UL 94 5VA flame-retardant, high-temperature thermoplastic housing
- Input:** 120/277VAC Dual primary, 60Hz
- Battery:** Maintenance-free NiCad battery
- Operating Temp:** 10°C to 40°C (50°F to 104°F)
- Run Time:** UL Listed 90 minute emergency run time, 24 hour recharge time
- Electrical:** Low voltage disconnect, overload disconnect, short circuit disconnect, solid state transfer
- Mounting:** Ceiling or wall mount with universal J-box mounting pattern and rear keyhole slots, includes top and side conduit entry options
- Finishes:** Black or White
- Options:** R - Remote Capable (3W), compatible with [JLED](#), [RL1-WP](#) and [RL52](#) remote lamps
3W - 1.5W Lamps
6W - 3W Lamps
- Certifications:** UL 924 Listed for Damp Locations, meets or exceeds NEC requirements and NFPA 101
- Warranty:** Any component that fails due to a manufacturing defect is guaranteed for five years with a separate five 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)

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



ON-CENTER SPACING

(Using multiple units mounted at a typical 7.5 foot height, 85/50/20 reflectance)

Model	# of LED Lamps	3' Path, 6' Corridor	6' Path, 6' Corridor
LED-90L	2	30'	23'
LED-90L-3W	2	54'	46'
LED-90L-6W	2	55'	52'

ORDERING INFORMATION Example: LED-90L-G3-3W (For standard fixtures without remote monitoring and reporting, [click here.](#))

Series	Finish	Self-test/Self-diagnostics	Options (Factory Installed)
LED-90L	BLANK = White	G3 ¹ = Self-test/Self-diagnostics, Remote Monitoring and Reporting	3W = (2) 1.5W LED Lamps
	BL = Black	G3PRO ^{1,2} = Self-test/Self-diagnostics, Remote Monitoring and Reporting w/Automated Email Notifications	6W ³ = (2) 3W LED Lamps R ⁴ = 3W Remote Capacity

Accessories ⁵ (Field installed, order as separate line item)	
GTWY-PRIMARY - Primary Remote Reporting Gateway	WALLBRK-LOCKXX - Locking Wall Bracket (XX = Specify 10" or 12" Tablet)
GTWY-SECONDARY - Secondary Remote Gateway, Extends Range	STANDBRKXX - Tablet Stand (XX = Specify 10" or 12" Tablet)
ROUTER - Wireless Internet Router	STANDBRK-LOCKXX - Locking Tablet Stand (XX = Specify 10" or 12" Tablet)
TAB10 - 10" Tablet, Includes Guardian G3 Software	WG-S = Wire Guard (Back Mount)
TAB12 - 12" Tablet, Includes Guardian G3 Software	WPV-2 = Wet Location/Vandal Guard (Back Mount)
WALLBRKXX - Tablet Wall Bracket (XX = Specify 10" or 12" Tablet)	XG-90 = Poly Guard (Back Mount)

Notes

¹ Requires additional equipment, consult factory for details

⁴ Compatible with [JLED](#), [RL1-WP](#) and [RL52](#) remote lamps

² Requires internet connection, supplied by facility

⁵ Order as separate line item

³ Not available with remote capacity option (R)

ELECTRICAL RATINGS

Model	NiCad Battery	Brownout	Low Voltage Disconnect	Overload Disconnect	Short Circuit Disconnect	Solid State Transfer	Input				Output		
							VAC	Hz	mA	W	Lamp Heads	Lumen Output	Remote Capability
LED-90L-G3	3.6V 1000mA	N/A	Yes	Yes	Yes	Yes	120/277	60	24	2.5	2 x 1W	200 lm	N/A
LED-90L-G3-R	2 x 3.6V 1000mA	N/A	Yes	Yes	Yes	Yes	120/277	60	28	3.3	2 x 1W	200 lm	3.6V 3W
LED-90L-G3-3W	2 x 3.6V 800mA	N/A	Yes	Yes	Yes	Yes	120/277	60	32	2.5	2 x 1.5W	300 lm	N/A
LED-90L-G3-3W-R	3 x 3.6V 1000mA	N/A	Yes	Yes	Yes	Yes	120/277	60	35	3.3	2 x 1.5W	300 lm	3.6V 3W
LED-90L-G3-6W	3 x 3.6V/1000mA	N/A	Yes	Yes	Yes	Yes	120/277	60	32	3.5	2 x 3W	540 lm	N/A

CONSTRUCTION

The LED-90L-G3 is a precision-molded unit with lamp housings constructed of UV-stable, 5VA 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. LED-90L-G3 comes standard with two (2) 1W lamps, optional 1.5W lamps (Option: 3W) or optional 3W lamps (Option: 6W). LEDs provide excellent illumination while maximizing energy efficiency and are a maintenance-free solution.

ELECTRICAL

Input

Dual-voltage input 120/277VAC @ 60Hz

Nickel Cadmium Battery – NiCad

Extronix nickel cadmium batteries are maintenance-free.

Emergency

The LED-90L-G3 will operate for a minimum of 90 minutes during a loss of power with a 24 hour maximum recharge time for the battery.

Test Button

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

INSTALLATION

Units are mountable in any orientation, on wall or ceilings. A universal mounting pattern and rear keyhole slots are provided as well as top and side conduit entry options for ease of installation.

Damp Location Rated

Damp Location Rated fixture that is normally or periodically subject to condensation of moisture in, on or adjacent to, and includes partially protected locations.

GUARDIAN G3 Self-test/Self-diagnostics, Remote Monitoring and Reporting

The circuit continuously monitors the operating condition of the AC power, battery supply voltage and charging circuit.

The purpose of this option is to provide visual signaling in response to a fault at the EXIT sign battery and/or battery charger. If a failure is detected, visual status will occur immediately via the dual color LED. Refer to instruction manual for detailed information.

The circuit also monitors the transfer circuit as well as performing automatic code compliance testing.

The GUARDIAN G3 remote monitoring and reporting system provides wireless communication between emergency fixtures, enabling maintenance personnel to maintain and test emergency lighting equipment from a central location. System requires additional equipment and setup, consult factory for more information.

GUARDIAN G3PRO Self-test/Self-diagnostics, Remote Monitoring and Reporting with Automated Email Notifications

The G3PRO model has the features of the standard G3 but adds automated email notifications of fixture status reports (requires internet connection, supplied by facility).

OPTIONS

Remote Capable (Option: R)

The R option provides this unit with an additional 3W of remote power, compatible with [JLED](#), [RL1-WP](#) and [RL52](#) remote lamps.

1.5W Lamp Heads (Option: 3W)

The 3W option provides this unit with (2) 1.5W lamp heads that provide up to 30 feet on-center spacing.

3W Lamp Heads (Option: 6W)

The 6W option provides this unit with (2) 3W lamp heads that provide up to 50 feet on-center spacing. Not available with remote capacity option (R).

CONFORMANCE TO CODES & STANDARDS

The LED-90L-G3 Series is UL Listed for Damp Locations and meets or exceeds the following: UL 924, NEC requirements and NFPA 101.