CRL Series

Recessed T-Bar LED Emergency Lighting

The CRL Series combines maintenance innovations with performance and dependability into a specification grade steel enclosure for recessed T-bar ceiling applications.

Model: _____ Date: _____

Accessories: _____

Job Name: _____ Type: _____

AVAILABLE WHILE SUPPLIES LAST

Consult factory for available SKUs

FEATURES & BENEFITS

- Standard tool-less front battery accessibility for ease of maintenance
- Isolated battery compartment for safe installation and maintenance
- Self-test/Self-diagnostics included standard
- Patent-pending Numeric Indicator option (G2-NI) for error-proof visual display of fault detection/status
- Fully-adjustable 3.6W (REN3M) LED lamps deliver industry-leading spacing up to 60'
- Wide lens optic option optimizes min-to-max ratio for low mounting height applications
- Assembled in the USA with global components

SPECIFICATIONS

Illumination:	Fully-adjustable 3.6W (REN3M) LED lamps
Housing:	Enclosure constructed of rugged 20 gauge steel
Input:	120/2777VAC Dual primary, 50/60Hz
Battery:	Maintenance-free NiMH battery
Operating Temp:	0°C to 40°C (32°F to 104°F)
Electrical:	Brownout, low voltage, overload and short circuit protection standard
Run Time:	UL Listed 90 minute emergency run time, 24 hour recharge time
Mounting:	Recessed T-bar ceiling mount
Finishes:	White
Options:	G2-NI - Self-test/Self-diagnostics with Numeric Indicator WL - Wide Lens, 58° Viewing Angle
Certifications:	UL Listed, meets or exceeds UL 924, 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)

Tool-less hinged door for easy and safe access to isolated low voltage battery compartment.

Optional Numeric Indicator (G2-NI) for dependable visual status and fault detection.

ASSEMBLED IN USA WITH GLOBAL COMPONENTS

5/5 WARRANTY

ORDERING INFORMATION **Example:** CRL-8-REN3-2-G2-WL

Series	Wattage	Lamp Heads	# of Lamps	Self-test/Self-diagnostics
CRL = 6 Volt NiMH	8 = 8 Watt	REN3M = PAR16 Renegade MAX 3.6W LED	2 = 2 Lamps	G2-NI = Self-test/Self-diagnostics with Numeric Indicator

	Options (Factory installed)
	WL = Wide Lens, 58° Viewing Angle

	Accessories[1] (Field Installed)
Notes	WG-L = Wire Guard (Back mount)
[1] Order as separate line item	XG-EL90 = Poly Guard (Back mount)

CONSTRUCTION
The CRL Series features die-formed 20 gauge steel housings with epoxy powder coat in a standard white finish. T-bar ceiling mounting brackets provided at each end of the unit. Hinged battery access door with captive thumb screw provide tool-less battery access. Low voltage battery compartment isolated from line voltage for safe battery access. A velcro battery strap is included as an additional safety feature.

ILLUMINATION
Two fully adjustable 3.6W LED lamp heads with 12° narrow beam standard optic maximize light delivered to the path of egress. Only Renegade REN3M PAR16 lamp heads are compatible with G2-NI option. A 58° wide beam lens optic (option WL) optimizes min-to-max ratio for lower mounting heights or shorter paths of egress.

ELECTRICAL
Input
Dual-voltage input 120 or 277VAC at 50/60Hz

Nickel Metal Hydride Battery – NiMH
Exitronix 6V nickel metal hydride batteries are maintenance-free with a life expectancy of 15 years. NiMH batteries perform optimally in temperatures ranging from 0°C to 40°C (32°F to 104°F). NiMH batteries are more environmentally-friendly than traditional NiCad or lead calcium alternatives as they contain no cadmium or lead.

Emergency
The CRL series will operate for 90 minutes during a loss of power with a 24 hour maximum recharge time for the battery.

Brownout Circuit
The brownout circuit monitors the line voltage. As the line voltage sags and can no longer provide adequate voltage, the emergency lighting circuit will turn on to supply power to the emergency lamps for 90 minutes until the line voltage is restored.

Low Voltage Disconnect
Low Voltage Disconnect (LVD) measures the battery terminal voltage. The LVD continuously monitors the battery terminal voltage and if it should fall below a preset voltage threshold, the LVD will disconnect the load. When the battery is recharging and voltage is raised above another preset voltage threshold, the load is automatically reconnected.

Overload and Short-Circuit Protection
The overload monitoring system is a solid state circuit which monitors the lamp load and disconnects from the battery shall an overload or short circuit occur. The overload current protection eliminates the need for fuses or circuit breakers for the DC load.

Test Button
The test button is easy to locate and provides manual verification of the transfer circuit and emergency lamps.

INSTALLATION
Easily mounted with T-bar mounting bracket located on each side of the unit that aligns the unit onto the T-bar grid. Various chain holes can also be accessed to chain mount the unit to secure points above the ceiling. Conduit entry in enclosure provides wiring flexibility.

ASSEMBLED IN THE USA WITH GLOBAL COMPONENTS
Assembled in the USA and is in full compliance with Buy American Act (BAA) provisions.

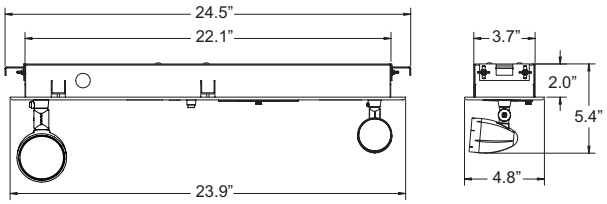
Guardian Self-Test/Self-Diagnostics (G2)
The Guardian circuit continuously monitors the operating condition of the AC power, battery supply voltage, emergency lamp continuity and charging circuit.

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 numeric indicator (G2-NI). The code will display until the fault is corrected.

The Guardian circuit also monitors the transfer circuit as well as performing automatic code compliant testing. The Guardian circuit will perform a 90 minute self-test every 180 days. A five minute manual test can be initiated by the user.

CONFORMANCE TO CODES AND STANDARDS
The CRL Series is UL 924 Listed and meets or exceeds NEC requirements and NFPA 101.

DIMENSIONS



REN3M

SAMPLE PHOTOMETRICS
Using multiple units mounted at a typical 7.5' height delivers 60' center-to-center spacing on a 6' wide egress path.