The steel LL Series combines performance and dependability into a rugged 20 gauge enclosure. Available in a wide variety of battery wattages and lamp styles to complement any application.

FEATURES
- Enclosure constructed of rugged 20 gauge steel
- Available in 6 or 12 Volt with wattages ranging from 18-150 Watts with knockouts for side mounted heads allowing for up to 4 lamp heads per unit
- Charge rate/power “ON” LED indicator light with test button
- AC lockout for ease of installation and installer protection
- Low voltage disconnect eliminates deep discharge
- Brownout, short circuit and voltage surge protection
- Maintenance-free lead acid battery
- UL Listed 90 minute emergency run time
- Optional Guardian Self-Test/Self-Diagnostics (G2) available
- Optional Time Delay (TD) available
- Standard finishes: Black or White
- 120/277V dual primary, 60Hz input

WARRANTY
Any component that fails due to manufacturer’s defect is guaranteed for five (5) years with a separate five (5) year pro-rated 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.

ORDERING INFORMATION  Example: LL6-27-T06H12-2-W-G2

<table>
<thead>
<tr>
<th>Series</th>
<th>Wattage</th>
<th>Lamp Heads1</th>
<th># Of Lamp Heads</th>
<th>Finish</th>
<th>Options (Factory Installed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LL6 = 6 Volt</td>
<td>6 Volt</td>
<td>6 or 12 Volt Renegade LED</td>
<td>0 = No Lamps</td>
<td>W = White</td>
<td>220V² = 220VAC, 50HZ</td>
</tr>
<tr>
<td>LL12 = 12 Volt</td>
<td>18 = 18 Watts</td>
<td>REN1 = 3.6W PAR 18 LED</td>
<td>2 = 2 Lamp Heads</td>
<td>B = Black</td>
<td>G2 = Self-Test/Self-Diagnostics</td>
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<tr>
<td></td>
<td>27 = 27 Watts</td>
<td>REN2 = 3.6W PAR 36 LED</td>
<td>4 = 4 Lamp Heads</td>
<td></td>
<td>LC = 3’ Line Cord</td>
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<tr>
<td></td>
<td>54 = 54 Watts</td>
<td>6 Volt Tungsten Wedge Base</td>
<td></td>
<td></td>
<td>TD³ = Time Delay 120/277VAC</td>
</tr>
<tr>
<td>12 Volt</td>
<td>T0609 = 9 Watt</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>54 = 54 Watts</td>
<td>6 Volt Halogen</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>100 = 100 Watts</td>
<td>T06H12 = 12 Watt</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>150 = 150 Watts</td>
<td>R06H20 = 20 Watt</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>12 Volt Tungsten Wedge Base</td>
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<td></td>
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<td></td>
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<td></td>
<td>T1209 = 9 Watt</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>T1212 = 12 Watt</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td></td>
<td>T1218 = 18 Watt</td>
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<td></td>
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<td></td>
<td>12 Volt Sealed Beam Halogen</td>
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<tr>
<td></td>
<td>R12H08 = 8 Watt</td>
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</tr>
<tr>
<td></td>
<td>R12H12 = 12 Watt</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Notes
1 Alternate lamp heads available, see Remote Lamp Heads spec sheet or consult factory
2 Only available on 6V and 12V units up to 54 Watts
3 Not available with G2 option
4 Order as separate line item

This product is discontinued.
Please refer to the RS and SCL series for equivalent/replacement units.

Accessories1 (Field Installed)
- WG-6 = Wire Guard, 18-54W (Back Mount)
- WG-7 = Wire Guard, 100/150W (Back Mount)
- XG-6 = Poly Guard, 18-54W (Back Mount)
- XG-EL90 = Poly Guard, 100/150W (Back Mount)
CONSTRUCTION
The LL6 and LL12 series are die-formed 20 gauge steel housings with epoxy powder coat finish. White finish is standard. Universal J-box mounting pattern and keyhole slots provided for simple installation. Knockouts are provided on top, back, and sides for easy wire entry. Can also be shelf mounted – ordered separately.

ILLUMINATION
Fully adjustable, attractive lamp heads allow for maximum light to be delivered to the path of egress. Up to 4 lamp heads may be installed on each emergency unit. The LL6 and LL12 series are RENEGADE compatible – 3.6W LED per head (REN2 heads).

ELECTRICAL
Input
Dual-voltage input 120/277VAC @ 60Hz.

Sealed Lead Acid Battery – SLA
Exitronix sealed lead acid batteries are maintenance-free with a life expectancy of five (5) years. Sealed lead acid batteries provide a relatively large power-to-weight ratio making them ideal for emergency applications. Lead Acid batteries perform optimally in temperatures ranging from 59°F - 104°F (15°C - 40°C).

Emergency
The LL6 and LL12 series will operate for 90 minutes during a loss of power with a 24 hour maximum recharge time for the battery.

Brownout Circuit
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 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
A universal mounting pattern and rear keyhole slots are provided for wall mounting.

Guardian Self-Test/Self-Diagnostics (Option: G2)
The purpose of this option is to provide self-testing and self-diagnostic capabilities to the unit equipment. At predetermined intervals, the unit equipment will automatically switch into battery mode. The unit equipment will also perform various self-diagnostic tests of the unit. Visual signaling will alert maintenance personnel to a fault of the unit equipment electronics, emergency lamp(s), battery and/or battery charger. The circuitry continuously monitors the operating condition of the unit equipment and battery charging circuit/battery supply voltage.

Self Test Features
• The unit equipment will automatically switch to battery mode every 28 days for a period of one (1) minute.
• The unit equipment will automatically switch to battery mode every 6 months for a period of 30 minutes.

Time Delay (Option:TD)
The purpose of this feature is to allow additional time for “normally on” fixtures to return to full brightness prior to extinguishing the supplemental light from the emergency fixtures.

CONFORMANCE TO CODES & STANDARDS
The LL6 and LL12 Series are UL listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101. The LL6 and LL12 Series is in full compliance with the American Recovery and Reinvestment Act of 2009 (ARRA) requirements and Buy American provisions.

DIMENSIONS

<table>
<thead>
<tr>
<th></th>
<th>18-27W</th>
<th>54W</th>
<th>100W</th>
<th>150W</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>6.00”</td>
<td>6.00”</td>
<td>6.00”</td>
<td>6.00”</td>
</tr>
<tr>
<td>B</td>
<td>5.25”</td>
<td>8.00”</td>
<td>8.50”</td>
<td>8.50”</td>
</tr>
<tr>
<td>C</td>
<td>2.89”</td>
<td>2.94”</td>
<td>4.55”</td>
<td>4.55”</td>
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<tr>
<td>D</td>
<td>11.62”</td>
<td>13.29”</td>
<td>13.29”</td>
<td>16.09”</td>
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</table>