Engineered for strength and reliability with an aesthetically appealing architectural look, the CP-EMW Series is ideal for any commercial environment where emergency units are required. With its heavy duty lens, superior circuitry and gaskets to seal and protect the unit, the CP-EMW Series braves the most adverse conditions from extreme weather and high vandalism locations to heavy industrial applications.

FEATURES
- Die-cast aluminum backplate, fully gasketed and sealed with durable powder coat finish
- Fully adjustable high-intensity LED lamps
- Standard with narrow (12°) optics, optional wide (58°) optics available
- Standard 6 Volt 8 Watts, optional 25 Watt unit for extended run times of four hours or remote capacity
- Impact-resistant, polycarbonate shield offers extreme protection
- Guardian Self-test/Self-diagnostics (G2) standard
- Maintenance-free NiMH (nickel metal hydride) battery
- AC lockout for ease of installation and installer protection
- Low voltage disconnect eliminates deep discharge
- Brownout protection
- Optional internal thermostat controlled battery heater for cold location installs -20°C (-4°F) (IH1 or IH2)
- Optional I-beam and pole mounting bracket available
- Universal J-box mounting system and top mounted conduit entry for ease of install
- Suitable for ceiling back mount installation
- 120/277VAC Dual primary, 50/60Hz input
- Standard finishes: Bronze or Satin Aluminum
- UL 924 Listed for Wet Locations
- IP66 Rated

APPLICATIONS
- Schools and public facilities
- Secure areas/prisons
- Sports arenas
- Warehouse and freezer storage facilities

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.

ORDERING INFORMATION  Example: CP-EMW-8-LED-SA-WL

<table>
<thead>
<tr>
<th>Series</th>
<th>Watts</th>
<th>Lamps</th>
<th>Finish</th>
<th>Options (Factory Installed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP-EMW</td>
<td>8</td>
<td>8 Watts</td>
<td>BR = Bronze</td>
<td>IH1 = Internal Battery Heater 120VAC</td>
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<tr>
<td></td>
<td>25</td>
<td>25 Watts</td>
<td>SA = Satin Aluminum</td>
<td>IH2 = Internal Battery Heater 277VAC</td>
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<tr>
<td></td>
<td></td>
<td>LED = 3.6 Watt LED</td>
<td>TRH = Tamper-Resistant Hardware</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>WL = Wide 58° optics</td>
<td></td>
</tr>
</tbody>
</table>

Accessories2 (Field Installed)
- IHB = I-Beam and Pole Mounting Bracket
- REN1G-WP = Renegade LED Lamp PAR 18 3.6W, Gray
- REN2G-WP = Renegade LED Lamp PAR 36 3.6W, Gray
- TRHT = Tamper-Resistant Tool
- WG-90 = Wire Guard (Back Mount)

Notes
1 Provides extended run time of 4 hours if no additional remotes are wired
2 Order as separate line item
CONSTRUCTION
The CP-EMW Series is constructed with a heavy-duty, fully gasketed die-cast aluminum backplate with a durable powder coat finish. The cover is made from UV-stable, vandal-resistant polycarbonate. A gasket between cover and backplate ensures a watertight, dust-free enclosure. IP66 ratings ensuring that the product can be installed in outdoor applications where significant water or dust may come in contact with the fixture as well as hose down applications.

ILLUMINATION
Two fully adjustable lamp heads allow for maximum light to be delivered to the path of egress. The CP-EMW Series offers two 3.6W Renegade Performance LED heads meeting 207 total lumens per head with a crisp white LED color temperature of 5100K. Standard LEDs have a narrow (12°) beam spread. Optional wide (58°) beam spread LEDs available.

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

Nickel Metal Hydride Battery – NiMH
Extraline nickel metal hydride batteries are maintenance-free which perform optimally in temperatures ranging from 0°C to 40°C (32°F to 104°F).

Emergency
The CP-EMW Series will operate for a minimum of 90 minutes during a loss of power with a 48 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.

Overload and Short Circuit Protection
The overload monitoring system in the DC circuit disconnects the lamp load from the battery should excessive wattage demands be made.

Test Button
The easily accessible test button allows for manual verification of proper operation of the transfer circuit and emergency lamps.

SAMPLE PHOTOMETRICS

| CP-EMW-LED-58 | 58 Degree LED | Ceiling: 80 | Max: 2.96 | Avg: 1.03 |
| 40' Spacing | Walls: 50 | Min: 0.10 |
| 7.5' Mounting Height | Floors: 20 | Avg/Min: 10.30 |
| 6' Wide Egress Path | Max/Min: 29.60 |

| CP-EMW-LED-12 | 12 Degree LED | Ceiling: 80 | Max: 5.30 | Avg: 1.05 |
| 50' Spacing | Walls: 50 | Min: 0.10 |
| 7.5' Mounting Height | Floors: 20 | Avg/Min: 10.50 |
| 6' Wide Egress Path | Max/Min: 53.00 |

INSTALLATION
The CP-EMW Series is suitable for surface wall mounting and includes universal J-box knockouts and a conduit entry plug in the top of the backplate. Corrosion-resistant stainless steel hardware is standard; tamper-resistant hardware is available. Optional I-beam mounting bracket is available for mounting to poles, I-beams or strut metal framing.

GUARDIAN SELF-TESTING/SELF-DIAGNOSTIC (Standard)
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 possible fault. If a failure is detected, visual status will occur immediately via the CHARGER LED and/or the BATTERY FAULT LED. The LEDs will stay illuminated 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 5 minute discharge and self-test every 30 days. A 90 minute discharge and self-test is performed every 6 months.

INTERNAL HEATER (OPTION: IH1 OR IH2)
The internal heater is a voltage specific thermostat regulated heater that is designed to extend the operating temperature range of this unit down to -20°C (-4°F).

TAMPER-RESISTANT HARDWARE (OPTION: TRH)
Tamper-resistant hardware adds an additional layer of protection to the unit, preventing unwanted access to the interior of the unit or removal of the face plates.

CONFORMANCE TO CODES AND STANDARDS
The CP-EMW Series is cULus Listed for Wet Locations and meets or exceeds the following: UL 924, NEC requirements, NFPA 101.

DIMENSIONS

| Weight | 8W = 6.5 lbs | 25W = 9.2 lbs |

Using multiple units mounted at a typical 7.5’ delivers 40’ center-to-center spacing on a 6’ wide egress path.
OPTIONAL POLE / I-BEAM MOUNTING

- Steel Band (Not Included)
- Universal Bracket (Option)
- Conduit Access Plug
- Backplate
- Gasket
- Weather Proof Seal
- Steel Band