

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 & BENEFITS

- Fully adjustable high-intensity LED lamps
- Standard narrow (12°) optics, optional wide (58°) optics available
- Standard 6V, 8W; optional extended run time or remote capacity
- Impact-resistant, polycarbonate shield offers extreme protection
- Guardian Self-test/Self-diagnostics (G2) standard
- Compatible with **REN** series LED remote lamps
- IP66 Rated
- Assembled in USA

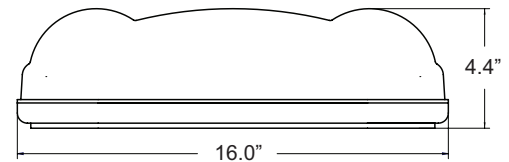
APPLICATIONS

- Schools and public facilities
- Secure areas/prisons
- Sports arenas
- Warehouse and freezer storage facilities
- Parking garages
- Marine locations
- Heavy industrial facilities
- Hosedown areas

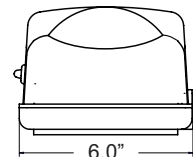
SPECIFICATIONS

- Illumination:** 3.6W LED lamp heads
- Housing:** Die-cast aluminum backplate, fully gasketed and sealed with durable powder coat finish
- Input:** 120/277VAC Dual primary, 60Hz
- Battery:** Maintenance-free NiMH battery
- Run Time:** UL Listed 90 minute emergency run time, 24 hour recharge time
- Electrical:** Low voltage disconnect eliminates deep discharge
- Mounting:** Universal J-box mounting system and top mounted conduit entry, other options available
- Finishes:** Satin Aluminum
- Options:** TRH = Tamper-Resistant Hardware
WL = Wide 58° optics
- Operating Temp:** 0°C to 50°C (32°F to 122°F)
- Certifications:** cULus 924 Listed for Wet Locations, meets or exceeds NEC requirements and NFPA 101, IP66 Rated
- 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 Extronix warranty document for detailed information and product registration instructions.

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



Weight
8W = 6.5 lbs
25W = 9.2 lbs



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

| Series | Watts | Lamps | Finish | Options (Factory Installed) |
|---|----------------------------|--------------------|---------------------|--|
| CP-EMW ¹ | 8 ² = 8 Watts | LED = 3.6 Watt LED | SA = Satin Aluminum | TRH = Tamper-Resistant Hardware |
| | 25 ³ = 25 Watts | | | WL = Wide 58° optics |
| Notes | | | | |
| ¹ Compatible with REN series LED remote lamps | | | | |
| ² Not a UL Listed item | | | | Accessories⁴ (Field Installed) |
| ³ Provides extended run time of 4 hours if no additional remotes are wired | | | | IHB = I-Beam and Pole Mounting Bracket |
| ⁴ Order as separate line item | | | | TRHT-6H-8H = Tamper-Resistant Tool |

CONSTRUCTION

The CP-EMW Series is constructed with a heavy-duty, fully gasketed die-cast aluminum backplate with a durable powder coat finish and a thermoplastic fixture housing. 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

Exitronix nickel metal hydride batteries are maintenance-free. NiMH batteries are more environmentally-friendly than traditional NiCad or lead calcium as they contain no cadmium or lead.

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.

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-TEST/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.

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.

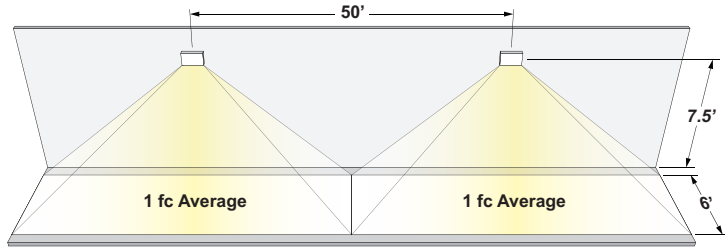
CONFORMANCE TO CODES AND STANDARDS

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

ON-CENTER SPACING (Multiple units mounted at a typical 7.5 foot height)

| Model | # of LED Lamps | 6' Path, 6' Corridor |
|--------------------|----------------|----------------------|
| CP-EMW-8-LED-SA | 2 | 40' |
| CP-EMW-8-LED-SA-WL | 2 | 50' |

Barron assumes no responsibility for local requirements or specific project variables. This is a guideline to be used as a design aid, not as a guarantee of any code compliance.



OPTIONAL POLE / I-BEAM MOUNTING

