



PEML SERIES - PLASTIC EMERGENCY LIGHTING

Injection-molded, 5VA flame retardant, Dual-Head
Emergency Battery Unit



FEATURES & SPECIFICATIONS

- Provides a minimum of 120 minutes illumination for the rated wattage upon loss of AC power to meet and exceed code required emergency lighting.
- The unit shall be UL 924 listed, List and labeled to comply with Canadian Standards C22.2 No.141-10.
- housing and stringent code compliance.
- The system shall operate with universal 120 to 347Vac input and provide a minimum of 120 minutes of emergency illumination upon loss of AC power.
- Two high performance LED lampheads rated at 1.5watts each and delivers a total of 250 lumens.

CONSTRUCTION

- **Material:** Injection-molded, engineering-grade, 5VA flame retardant, high-impact resistant, thermoplastic in white or black finish.
- **Design:** The back-plate contains a universal J-box mounting pattern for easy installation.
- **Heads:** Two high-performance LED lampheads with impact-resistant PC lenses.
- **Ambient Temperature:** Rated for damp locations at 32-122°F (0-50°C).

ELECTRICAL

- **Input:** Universal 120-347Vac, 50/60Hz.
- **Efficiency:** Ultra-low standby power consumption (1.1W) with a fully automatic, current-limiting charger to minimize operating costs.
- **Circuit Protection:** Short-circuit protection - current-limiting charger circuitry protects printed circuit board from shorts. Regulated charge voltage maintains a stable charge voltage over a wide range of line voltages.
- **Prevents over/undercharging that shortens battery life and reduces capacity. Filtered charger input minimizes charge voltage ripple and extends battery life.**
- **Battery Safety:** AC Reset and Low Voltage Disconnect allows battery connection before AC power is applied and prevents battery damage from deep discharge.
- **Battery:** 3.6V AA 900mAh long-life, maintenance-free, rechargeable NiCd battery.

INSTALLATION

- **Mounting:** Suitable for wall or ceiling mount.
- **Wiring Flexibility:** Surface mount via easy connect back plate, which fits most standard junction boxes and snaps into place making internal electrical connections.

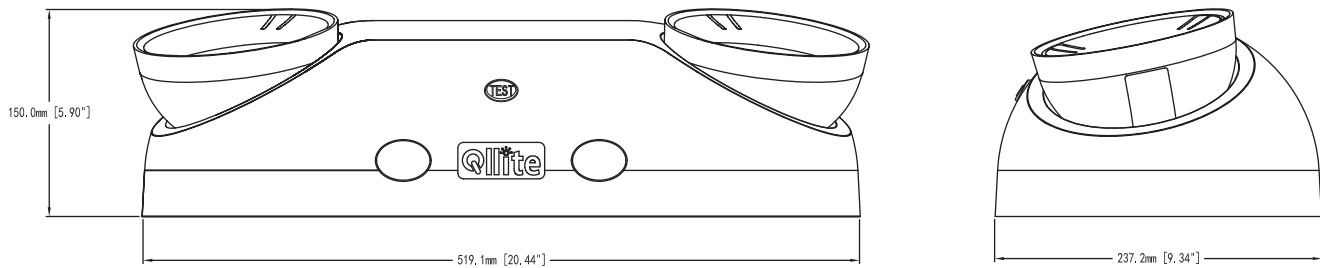
LISTINGS & COMPLIANCE

- **Safety Standard:** UL 924 listed.
- **Canadian Standards:** Listed and labeled to comply with C22.2 No.141-10.
- **Environmental:** Rated for Damp Locations at 32-122°F (0-50°C).
- ICES-005 Compliance.

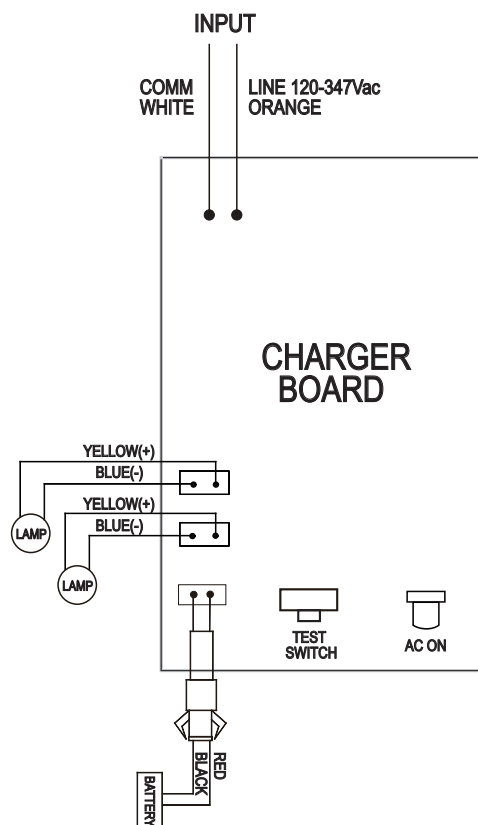
PARAMETERS:

MODEL NO:	Input Ratings				Emergency Output:		Emergency Run Time	Recharge Time	Battery Pack	Operation Ambient
PEML	120-347Vac	50/60Hz	0.018-0.008 Amps	1.1Watts	3.6Vdc	3Watts max	120Minutes	24Hours	NiCd 3.6V AA900mAh	0-50 °C damp locations

PRODUCT DIMENSIONS:



WIRING DIAGRAM:



INDICATOR LIGHT:

Charging - Indicator light ON Green

Battery Disconnect(Connect AC power) - Indicator light ON Red

Emergency Mode - Indicator light OFF