

LED Emergency Light
MODEL NO. DM-EM110

AC 120-277V | 90-MIN BATTERY BACKUP



Wall Mount



Top / Ceiling Mount

KEY FEATURES

- **Safety first** — injection-molded, flame-retardant, high-impact thermoplastic housing (UL 94V-0 flame rating); suited for stairways, hallways, doorways, aisles, restaurants, office buildings, and warehouses.
- **Multi-angle lighting** — long-lasting, efficient ultra-bright white LEDs; each head rotates 360° and tilts up to 90° for maximum coverage.
- **Reliable emergency power** — built-in 3.6V 600mAh nickel-cadmium backup battery provides 90 minutes of emergency operation during a power outage.
- **Universal voltage** — operates on 100-277V AC for both residential and commercial applications.
- **Easy installation** — wall or ceiling mountable with a universal J-box mounting pattern; test switch and status indicator confirm power and battery condition.
- **5-year warranty** — backed by professional after-sales support.

SPECIFICATIONS

Model Number	DM-EM110
Housing Material	Injection-molded, flame-retardant, high-impact thermoplastic, UL 94V-0 rated (white)
Light Source	(2) 2W LED lamp heads, 12 series-parallel white LEDs each
Reflector / Lens	Chrome-plated metallized reflector with clear impact-resistant lens
Lamp Head Adjustment	360° rotation, up to 90° tilt (independent heads)
Input Voltage	AC 120-277V, 50/60Hz
Backup Battery	3.6V 600mAh Nickel-Cadmium (Ni-Cd), sealed
Emergency Runtime	≥ 90 minutes
Charging / Transfer	Internal solid-state transfer switch with automatic recharge
Controls	Test switch and AC status/pilot indicator
Mounting Options	Wall mount or ceiling mount, universal J-box pattern
Face Plate Dimensions	7.48" W × 4.33" H
Back Mounting Plate	11.02" W
Lamp Head Diameter	2.66"
Rated Location	Indoor
Warranty	5-year limited warranty

DIMENSIONAL DRAWING



Face plate: 7.48" W × 4.33" H • Back mounting plate: 11.02" W •
Lamp head diameter: 2.66"

CONTROLS & ADJUSTMENT



Each head rotates 360° and tilts up to 90°; test switch and status indicator on base

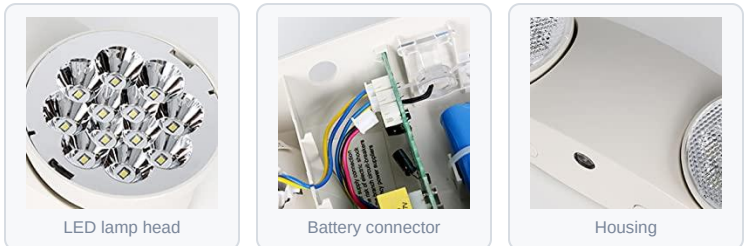
WIRING DIAGRAM



- Black — Line (L), AC input
- White — Neutral (N)
- Red / Black — Output leads to Lamp 1 & Lamp 2 heads

Note: Working voltage AC 120–277V, 50/60Hz. Connect the battery lead before energizing the fixture; unused leads must be capped with enclosed wire nuts.

CONSTRUCTION DETAIL



- **LED lamp head** — high-performance chrome-plated metallized reflector and plastic lens for optimal light distribution; 2W head with 12 series-parallel white LEDs.
- **Battery connector** — quick-connect battery lead with internal solid-state transfer switch that automatically connects the battery to the LED heads for a minimum 90-minute emergency illumination.
- **Housing** — injection-molded, flame-retardant, high-impact thermoplastic construction, UL 94V-0 rated.