

## FEATURES & SPECIFICATIONS

**INTENDED USE** — Suitable for applications requiring both exit sign and unit equipment. Attractive, 8" tall, streamlined design is great for above-the-door applications and other tight fits. Optional high-output version with remote lamps are ideal for emergency egress lighting. **Certain airborne contaminants can diminish integrity of acrylic and/or polycarbonate. [Click here for Acrylic- Polycarbonate Compatibility table for suitable uses.](#)**

**CONSTRUCTION** — Engineering-grade thermoplastic housing is impact-resistant, scratch-resistant and corrosion-proof. UL94V-0 flame rating. UV-stable resin resists discoloration from natural and man-made light sources.

Rugged unibody housing snaps together with no additional fasteners. Faceplate and back cover are interchangeable on housing. Positive snap-fit tabs hold faceplate securely, yet are easily removable for lamp compartment access. Universal, directional chevron inserts are easily removed and reinserted.

Uniform graphics illumination without shadows or hot spots. Letters are 6" high with 3/4" stroke, with 100 ft. viewing distance rating, based upon UL924 standard.

LEDs mounted on primary circuit boards for sign illumination. Low-energy LED lamp in sign operates in normal (AC input) and emergency (DC input) modes.

Edge connector on printed circuit board ensures long-term durability.

Low-profile, integrated test switch/pilot light. Easily viewed bright red status indicator.

Unique track-and-swivel arrangement permits full range of direction of lamp head adjustment. Universal J-box mounting pattern. Tool-less access for maintenance. Conduit entry position on top of unit.

**U.S. Patent No. 6,848,798; 6,499,866; 6,142,648; 5,797,673; D379,373; 5,526,251; D484,272; D473,672; 5,611,163; 5,646,502.**

**OPTICS** — The typical life of the exit LED lamp and LED lamphead is 10 years.

Twin LED lamp heads operate in emergency (DC input) mode with 12 series-parallel white LEDs in each head. Provides redundant light sources to ensure emergency lighting performance.

**ELECTRICAL** — Dual-voltage input capability (120/277V).

Current-limiting charger maximizes battery life and minimizes energy consumption. Provides low operating costs.

Short-circuit protection — current-limiting charger circuitry protects printed circuit board from shorts.

Thermal compensation adjusts charger output to provide optimum charge voltage relative to ambient temperature.

Regulated charge voltage maintains constant-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.

AC/LVD reset allows battery connection before AC power is applied and prevents battery damage from deep discharge.

Single multi-color LED indicator to display two-state charging, test activation and three-state diagnostic test. Test switch provides manual activation of 30 seconds diagnostic testing for on-demand visual inspection. Self-diagnostic testing for 30 seconds every 30 days, and for 30 minutes every 180 days, and for 90 minutes annually. Diagnostic evaluation of LED light source, AC-to-DC transfer, charging and battery condition.

Catalog Number
Notes
Type



HO R0, R0



**MAGELLAN**

**Thermoplastic Exits**

# QM LED

**LED LAMP HEAD**

**Nickel-Cadmium Battery**

Battery: Sealed, maintenance-free nickel-cadmium battery delivers 90-minute capacity to emergency lamps. Two-state constant-current charge maximizes battery life and automatically recharges after battery discharge. Low-voltage disconnect prevents excessively deep discharge that can permanently damage the battery. Optional high-output battery (HO or HO R0 option) to power both local and optional LED remote lamp heads simultaneously.

**INSTALLATION** — Quick-mount installation - less than 5 minutes. Universal mounting canopy for top or end mount. Back mount standard for single face only. Housing snaps to canopy with positive-locking tabs. Cam locking pin secures housing to canopy.

Easily removed mounting knockouts. Conduit entry knockout for 1/2" flexible conduit. J-box pattern on back panel.

**LISTINGS** — UL damp location listed standard 50-104°F (10-40°C). Meets UL 924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards. Meets all applicable FCC Title 47, Part 15, Subpart B requirements.

**WARRANTY** — 5-year limited warranty. (Battery is prorated.) Complete warranty terms located at:

[www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

† Exit Signs Certified in the CA Title 20 Appliance Efficiency Database.

### ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

**Example: QM LED G**

QM Family	LED Lamp type	Housing color	Letter color	Options
QM Stencil face, single face plate with extra face plate	LED Two 1.5W/9.6V white LED	(blank) White B Black	R Red G Green	HO High-output Ni-cad battery HO R0 High-output option, less lamp heads SD Self-diagnostics R0 Less lamp heads (no remote capability) USPOM Assembled in the US

Accessories: Order as separate catalog number.			
ELA QM B L0309	Single LED indoor remote head, black <sup>1</sup>	ELA WG3	Wireguard, 13 3/4"H x 30 5/8"W x 6"D
ELA QM T L0309	Twin LED indoor remote head, white <sup>1</sup>	ELA WG2M	Wireguard, 15"H x 21 1/4"W x 12"D
ELA QM B T L0309	Twin LED indoor remote head, black <sup>1</sup>	ELA LQMUS12	12" white stem kit (Not available with swivel)
ELA QM B L0309 SD	Single LED indoor remote head, black, self-diagnostics <sup>2</sup>		
ELA QM B T L0309 SD	Twin LED indoor remote head, black, self-diagnostics <sup>2</sup>		

### Notes

- Only compatible with HO or HO R0. Not compatible with SD operation.
- Only compatible with HO SD or HO R0 SD operations.

