

FEATURES & SPECIFICATIONS

INTENDED USE — Suitable for applications requiring thermoplastic exit sign. Attractive, less than 10 inches tall, streamlined design is great for above-the-door applications and other tight fits. High-output version with remote lamps are ideal for outdoor emergency egress lighting.

CONSTRUCTION — Engineering-grade thermoplastic housing is impact-resistant, scratch-resistant and corrosion-proof. UL94V-0 flame rating. UV-stable white 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 6" high with 3/4" stroke., with 100 ft. viewing distance rating, based upon UL924 standards.

U.S. Patent No. D484,272; 5,526,251; 5,611,163; 5,797,673; 5,954,423; 6,142,648 and 6,848,798. Canada Patent No. 80,141, 2,180,495.

OPTICS — The typical life of the exit LED lamp is 5 years, based on 24/7 operation. Low energy consumption — **only 3.3 watts.**

ELECTRICAL — Dual voltage input capability (120/277V, 60hz).

Custom microchip charger, developed by Lithonia Lighting Emergency Systems, provides increased reliability and maximizes battery life. AC/LVD reset allows battery connection before AC power is applied and prevents battery damage from deep discharge.

Two-rate regulated charger minimizes energy consumption and provides low operating costs. Filtered charger output minimizes charge voltage ripple and extends battery life. Thermal protection senses circuitry temperature and maintenance.

Battery: Sealed, maintenance free lead-acid (SLA) battery standard delivers 90 minutes capacity to emergency lamps.

INSTALLATION — Top, end or back mounting. Housing snaps to canopy with four 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.

LISTING — UL listed. Damp location 60°F to 90°F (15°-32°C) standard. Meets UL 924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards.

WARRANTY — 5-year limited warranty including LED lamps (Battery prorated 3-year limited warranty). This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: 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.

| |
|----------------|
| Catalog Number |
| Notes |
| Type |



Thermoplastic Exit with High-output Remote Capacity

LHQM



ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: LHQM S W 3 R HO RO

| Family | Lamp type | Face type | Housing color | Number of faces | Letter color | Operation |
|---|--|------------------|----------------|---|--------------------------------|--|
| LHQM Stencil face, single face plate with extra face plate | (blank) LED exit, less lamphead, high-output lead acid battery | S Stencil | W White | 3 Single face with extra faceplate and color panel | R Red G Green | HO RO High-output lead-acid battery, less lamp heads |

| Accessories: Order as separate item. | | | |
|--------------------------------------|--|------------------------|--|
| ELA WG3 | Wireguard (back mount only) ¹ | ELMRW SP640L DNAXD SGL | Single LED Wet Location remote head, aluminum, 3.3W, 320 lumens ⁴ |
| ELA W US12 | 12" pendant-mount kit with white canopy ² | ELMRE SP640L SGL | Single LED Indoor remote head, white, 3.3W, 320 lumens ⁴ |
| ELA W NX H0606 | NEMA 4X, sealed-beam remote fixture (6V, 6W halogen) ³ | ELMRW SP640L DNAXD T | Twin LED Wet Location remote head, aluminum, 3.3W, 320 lumens ⁴ |
| ELA W T NX H0606 | NEMA 4X, sealed-beam remote fixture, twin (6V, 6W halogen) ³ | ELMRE SP640L T | Twin LED Indoor remote head, white, 3.3W, 320 lumens ⁴ |
| ELMRW LP220L DNAXD SGL | Single LED Wet Location remote head, aluminum, 1.2W, 110 lumens ⁴ | ERE W SGL SQ M12 | Single, LED indoor remote head, square, ivory white, 1W, 3.6V-12V voltage sensing ⁵ |
| ELMRE LP220L SGL | Single LED Indoor remote head, white, 1.2W, 110 lumens ⁴ | ERE W T SQ M12 | Twin, LED indoor remote head, square, ivory white, 1W, 3.6V-12V voltage sensing ⁵ |
| ELMRW LP220L DNAXD T | Twin LED Wet Location remote head, aluminum, 1.2W, 220 lumens ⁴ | ERE GY SGL WP SQ M12 | Single, LED weather-proof remote head, square, gray, 1W, 3.6V-12V voltage sensing ⁵ |
| ELMRE LP220L T | Twin LED Indoor remote head, white, 1.2W, 110 lumens ⁴ | ERE GY T WP SQ M12 | Twin, LED weather-proof remote head, square, gray, 1W, 3.6V-12V voltage sensing ⁵ |

Notes

- See spec sheet [ELA-WG](#).
- See spec sheet [ELA-Stemkits](#). To order 24" or 36" length, replace "12".
- Only available with HO RO option. See spec sheet [ELA-NX](#).
- See spec sheet [ELMRW](#) or [ELMRE](#) for more information and other color options.
- See spec sheet [ERE](#).

LHQM Quantum® Thermoplastic Exit with High-output Remote Capacity

SPECIFICATIONS

| ELECTRICAL | | | | |
|-----------------|-------------------------------|----------------|-----------|------------|
| Primary Circuit | | | | |
| | Typical LED life ¹ | Supply voltage | Max. amps | Max. watts |
| Red & Green LED | >5 | 120 | .23 | 3.3 |
| | years | 277 | .23 | 3.3 |

| BATTERY (sealed) | | | | | |
|------------------|---------|---------------------------------|---------------------------|--------------------------|--------------------------------|
| | Voltage | Typical Shelf life ² | Typical life ² | Maintenance ³ | Temperature range ⁴ |
| Lead-acid (SLA)* | 6 | 12 months | 4-5 years | none | 60°-90°F (15°-32°C) |

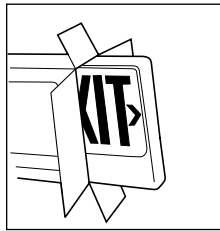
* with lead calcium alloy grids

Notes:

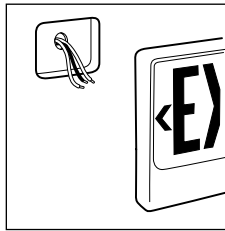
- 1 Based on 24/7 operation. The typical life of the exit LED lamp is 5 years.
- 2 At 77°F (25°C).
- 3 All life safety equipment, including emergency lighting for path of egress must be maintained, serviced, and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required maintenance, service, or testing could jeopardize the safety of occupants and will void all warranties.
- 4 Temperature range where unit will provide capacity for 90 minutes. Higher and lower temperatures affect life and capacity.

| Battery Capacity and Loading | | | | |
|------------------------------|---|---|-------------------------------------|---|
| LHQM Catalog | ELMRW/ELMRE LP220L Maximum # of Remote Lamps | ELMRW/ELMRE SP640L Maximum # of Remote Lamps | ERE SQ Maximum # of Remote Lamps | ELA NX H0606 Maximum # of Remote Lamps |
| LHQM HO RO | 10 | 3 | 10 | 4 |

KEY FEATURES



Fully assembled at factory.

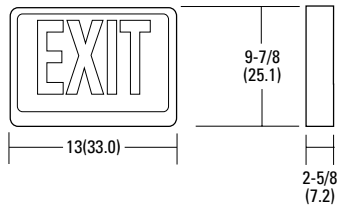


Install only one fixture instead of two.

MOUNTING

All dimensions are inches (centimeters).

HO RO - weight: 9.13 lbs. (4.14kgs)



Specifications (exit only)

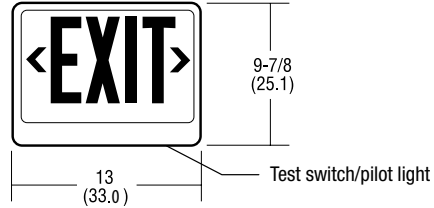
Length: 13 (33.0)

Depth: 2-5/8 (7.2)

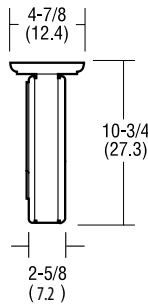
Height: 9-7/8 (25.1)

Weight: 7.36 (3.3 kg)

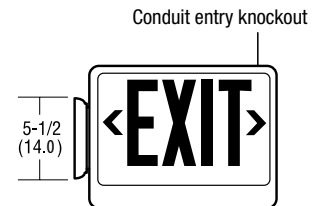
BACK MOUNT



TOP MOUNT



END MOUNT



BACKPLATE

