

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for applications requiring attractive, quick-installation exit signs and low energy consumption. **Certain airborne contaminants can diminish the 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.

4 SKUs in 1: LQM: Standard with Red/Green Color Selection & AC/Battery Back-Up (EL) switch takes the guess work out of ordering. **LQM EL HO:** Standard with Nickel Cadmium battery back with remote capacity. **LQM EL SD:** Self Diagnostic Testing automatically performs a 5 minute self-diagnostic test every 30 days and 90 minutes annually.

3 Color Finishes: Available in white housing with white faceplate, black housing with black faceplate or black housing with brushed silver faceplate providing an upgraded aesthetic.

Face Standard: LQM ships with an extra faceplate to quickly convert from single to double face exit sign depending on the application. Directional chevrons can be easily removed and reinserted depending on the application.

Quick & Clean Installation: Standard with a quick mount canopy enabling faster installation, while leaving no hardware visible from the floor.

Letters 6" high with 3/4" stroke, with 100 ft. viewing distance rating, based upon UL924 standards.

U.S. Patent No. 5,526,251; 5,611,163; 5,739,639; 5,954,423; 5,988,825; 6,152,581; D383,501; D495,751 and 6,502,044.

OPTICS — LEDs operate in normal (AC input) and emergency (Battery Back-up) mode for a minimum of 90 minutes. The typical life of the exit LED lamp is >5 years, based on 24/7 operation.

ELECTRICAL — MULTI VOLT 120-277VAC, 50/60hz.

LQM: Equipped with an AC/Battery Back-Up (EL) internal switch. This gives the installer the ability to select the AC mode when the building is using a generator or inverter to provide emergency power to the sign or simply switch to Battery mode when these systems are not present, providing 90-minutes battery capacity. **(U.S. Patent No. 12,422,115 B2).**

Sign ships standard in AC mode. Sign ships with the battery included.

LQM: 1.2V, 900mAh Ni-Cad Battery

LQM EL HO: Equipped with sealed, maintenance-free nickel-cadmium battery providing 90-minutes capacity to emergency lamps.

LQM EL HO: 7.2V, 1200mAh Ni-Cad Battery. Provides 2.4W of Remote Capacity.

LQM EL SD: 4.8V, 300mAh Ni-Cad Battery.

LQM EL HO SD: 3.6V, 1800mAh Ni-Cad Battery. Provides 2.4W of Remote Capacity.

LQM EL SD: Self-diagnostic testing (EL Option Only). Units with this option automatically perform a 5-minute self-diagnostic test of the charging electronics, battery, and lamps every 30 days, and a 90-minute test every year. First self-test occurs within 15 days of continuous AC Power and annual test after 180 days of continuous AC power. SD performs a diagnostic evaluation of LED light source, AC to DC transfer, charging and battery condition.

AELR option: STAR (Self-testing Automated Reporting) radio transmits monthly and annual test results and diagnostics information for automated reporting requirements. For more information visit [AcuityBrands.com/STAR](#)

INSTALLATION — Mounting canopy allows for top, back or end mounting. Back mount standard for single face only. Canopy design uses cam locking pin to secure sign to canopy with no visible hardware seen from the floor.

Ships as a single sided exit with additional face plate and red/green color panels to easily convert from single face exit to double face exit.

Directional chevrons can be easily removed and reinserted depending on the application.

LISTINGS — UL damp location listed 50°-104°F (10°-40°C) standard. Meets UL924, NFPA 101 (current Life Safety Code), NEC, California Energy Commission Title 20 section 1605.3 (W)(4) and OSHA illumination standards. Meets all applicable FCC Title 47, Part 15, Subpart B requirements for exits not containing self-diagnostics (SD) option. Meets all applicable FCC Title 47, Part 15, Subpart A requirements for SD option. NOM certified.

BUY AMERICAN ACT — BAA — Buy American Act: This product is available in a version that qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS.

Please refer to [www.acuitybrands.com/buy-american](#) for additional information.

WARRANTY — 5-year limited warranty. (Battery is prorated.) 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.

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

Catalog Number
Notes
Type



Thermoplastic Exits

LQM



White



Black



Brushed Silver



White



Black



AC ONLY BATTERY

Internal Switch



Specifications

Standard	EL HO
Length: 11.61" (29.5)	Length: 12.01" (30.5)
Depth: 2.1" (5.38)	Depth: 2.45" (6.2)
Height: 7.54" (19.20)	Height: 8.23" (20.9)
Weight: 2.2 lbs (0.9 kgs)	Weight: 3.1 lbs (1.4 kgs)

All dimensions are inches (centimeters) unless otherwise specified.



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](#).

*See ordering tree for details

LQM Red/Green Selectable LED, Quantum®

CS

CONTRACTOR SELECT

Looking for Contractor Select readily available configurations? Click here to visit Contractor Select™ spec sheet or go to www.contractorselect.com

ds

DESIGN SELECT

Design Select options indicated by this color background.

ORDERING INFORMATION

For shortest lead times, configure product using **bolded options**.

Example: LQM S W RG MVOLT EL HO M6

LQM						
Family	Face type	Housing color	Letter color	Input voltage	Operation	Options
LQM Stencil face, single face plate with extra face plate for field conversion from single face to double face	S Stencil	W White B Black BBS Black with brushed silver faceplate	RG Red/Green Switchable	MVOLT Multi volt 120-277, 50/60hz	(blank) AC or Battery Back-Up (EL) via internal switch X2 Primary and secondary AC Inputs provided (120 thru 277V) ¹ EL Nickel cadmium battery	(blank) None HO High-output ² SD Self-diagnostics ³ AELR Automatic Emergency Lighting Reporting ⁴ BAA Buy American Act Compliant ⁵ SALIDA SALIDA signage, NOM standard ⁶

Accessories: Order as separate item. Refer to Battery Capacity and Loading Matrix table			
ELA WG1	Back-mount wireguard ⁷	ERE W SGL SQ M12	Single, LED indoor remote head, square, ivory white, 1W, 3.6V-12V voltage sensing ¹⁰
ELA LQMUS12	12" stem kit ⁸	ERE W T SQ M12	Twin, LED indoor remote head, square, ivory white, 2W, 3.6V-12V voltage sensing ¹⁰
ELMRE LP220L SGL	1.2W Single Remote Head, White ⁹	ERE GY SGL WP SQ M12	Single, LED weather-proof remote head, square, gray, 1W, 3.6V-12V voltage sensing ¹⁰
ELMRE LP220L T	2.4W Twin Remote Head, White ⁹	ERE GY T WP SQ M12	Twin, LED weather-proof remote head, square, gray, 2W, 3.6V-12V voltage sensing ¹⁰
ELMRW LP220L DWHXD SGL	1.2W Single Remote Head (Wet Location Rated) ⁹	AFB OELR DWHGXD WT	Remote fixture, normally off, white textured, wide throw, 2.6 watts ¹¹
ELMRW LP220L DWHXD T	2.4W Twin Remote Head, White (Wet Location Rated) ⁹		

- Notes
- 1 Dual circuit operation. Both circuits can be energized at the same time. UL Listed as emergency lighting. Not available with EL operation. Not available with HO, SD, AELR, BAA or SALIDA options.

2 EL and HO must be ordered in combination.

3 Must be ordered with EL operation. Not available with X2 operation.

4 Must be ordered in combination with EL and SD. Not available with SALIDA option.

5 BAA option not available with X2 operation, or with SALIDA option. Only available with white housing.

6 Only available in white or black housing. Not available with BAA, AELR options, or X2 operation. Does not meet UL924 listing.

7 See spec sheet [ELA-WG](#).

8 See spec sheet [ELA-Stemkits](#).

9 Only available with EL operation with HO option. The LP220L is the only remote lamp type compatible with LQM and HO option. See spec sheet [ELMRE](#) or [ELMRW](#).

10 Only available with EL operation with HO option. See spec sheet [ERE](#).

11 See spec sheet [AFB](#).

Enabled with STAR

Emergency Lighting with Self-Testing Automated Reporting (STAR), enables self-testing and automated reporting to aid in life safety code compliance. Build your solution and choose your preferred deployment from Mobile STAR, where test data is logged in each individual unit and broadcast to the **Clarity™** app, or Connected STAR, where test data is logged in the STAR Gateway by IOTA® and emailed directly. **Leave the ladders, disruptions and written records behind with emergency lighting solutions with STAR!**

Life Safety Code NFPA 101 testing and reporting requirements for emergency lighting include:

- Testing for 30 seconds every 30 days

Testing for 90 minutes once a year

Record keeping and to report to the authority having local jurisdiction

MOBILE STAR

For small scale applications

CONNECTED STAR

For large scale applications

SPECIFICATIONS

ELECTRICAL				
Primary Circuit				
Type ¹	Typical LED life ²	Supply voltage	Input watts	Max. amps
LQM Standard Red/Green AC/EL	>5 years	120	1.5	0.021
		277	1.9	0.018
LQM X2 Red/Green	>5 years	120	3.5	0.05
		277	4.5	0.03
LQM EL HO Red/Green	>5 years	120	3.5	0.05
		277	4.5	0.03
LQM EL SD Red/Green	>5 years	120	2.5	0.041
		277	3	0.028
LQM EL HO SD Red/Green	>5 years	120	3	0.047
		277	3.5	0.032

BATTERY				
Nickel Cadmium				
Voltage	Typical shelf life ³	Typical life ³	Maintenance ⁴	Temperature range ⁵
1.2V, 900mAh	3 years	6-8 years	none	50°F - 104°F (10°C - 40°C)
7.2V, 1200mAh (EL HO)				
4.8V, 300mAh (EL SD)				
3.6V, 1800mAh (EL HO SD)				

- Notes
- LED lamps operate in normal (AC input) and emergency (DC input) modes.
 - Based on 24/7 operation. The typical life of the exit LED lamp is >5 years.
 - At 77°F (25°C).
 - 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.
 - Temperature range where unit will provide capacity for 90 minutes. Higher and lower temperatures affect life and capacity.

EXTENDED RUN-TIME FOR HIGH-OUTPUT EXITS

Product	Run time
LQM EL HO (no remotes)	3 hours

REMOTES

Battery Capacity and Loading Matrix ¹						
Battery Option (EL HO only)	Battery Voltage	Remote Capacity 90 Minutes	ERE SGL SQ Maximum # Remote Lamps	ERE T SQ Maximum # Remote Lamps	ELMRE / ELMRW LP220L (1.2 Watts each) Maximum # Remote Lamps	AFB OELR WT (2.6 Watts) Maximum # Remote Lamps
LQM RG EL HO	7.2V	2.4 watts	2	1	2	1

- Notes
- These are in addition to the lamp heads on the product.

MOUNTING

All dimensions are inches (centimeters) unless otherwise specified.

Standard	EL HO
Length: 11.61" (29.5)	Length: 12.01" (30.5)
Width: 2.1" (5.38)	Width: 2.45" (6.2)
Height: 7.54" (19.20)	Height: 8.23" (20.9)
Weight: 2.2 lbs (0.9 kgs)	Weight: 3.1 lbs (1.4 kgs)

