

FEATURES & SPECIFICATIONS

INTENDED USE — Suitable for applications requiring both exit sign and unit equipment. 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 10 years, based on continuous operation. Low energy consumption — **only 3.3 watts.**

Two high-performance LED lamp heads rated at 5.4 watts each, delivering a total of 1,045 lumens with the LP06VS lamp. Two white LEDs per head provides a redundant light source that ensures emergency lighting performance.

Linear Pattern (LP) is designed for uniform emergency lighting applications.

Single fixture illuminates a 68' long 6' wide path of egress at a 12' mounting height.

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). Complete warranty terms located at:

www.acuitybrands.com/support/customer-support/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 and Combo 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 LP06VS HO

LHQM						
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 ¹ LP06VS 5.4W linear pattern, LED ²	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 ³ HO High output lead-acid battery ⁴

Accessories: Order as separate item.			
ELA WG3	Wireguard (back mount only) ⁵	ELMRW SP640L DNAXD SGL	Single LED Wet Location remote head, aluminum, 3.3W, 320 lumens ⁸
ELA W US12	12" pendant-mount kit with white canopy ⁶	ELMRE SP640L SGL	Single LED Indoor remote head, white, 3.3W, 320 lumens ⁸
ELA W NX H0606	NEMA 4X, sealed-beam remote fixture (6V, 6W halogen) ⁷	ELMRW SP640L DNAXD T	Twin LED Wet Location remote head, aluminum, 3.3W, 320 lumens ⁸
ELA WT NX H0606	NEMA 4X, sealed-beam remote fixture, twin (6V, 6W halogen) ⁷	ELMRE SP640L T	Twin LED Indoor remote head, white, 3.3W, 320 lumens ⁸
ELMRW LP220L DNAXD SGL	Single LED Wet Location remote head, aluminum, 1.2W, 110 lumens ⁸	ERE W SGL SQ M12	Single, LED indoor remote head, square, ivory white, 1W, 3.6V-12V voltage sensing ⁹
ELMRE LP220L SGL	Single LED Indoor remote head, white, 1.2W, 110 lumens ⁸	ERE WT SQ M12	Twin, LED indoor remote head, square, ivory white, 1W, 3.6V-12V voltage sensing ⁹
ELMRW LP220L DNAXD T	Twin LED Wet Location remote head, aluminum, 1.2W, 220 lumens ⁸	ERE GY SGL WP SQ M12	Single, LED weather-proof remote head, square, gray, 1W, 3.6V-12V voltage sensing ⁹
ELMRE LP220L T	Twin LED Indoor remote head, white, 1.2W, 110 lumens ⁸	ERE GY T WP SQ M12	Twin, LED weather-proof remote head, square, gray, 1W, 3.6V-12V voltage sensing ⁹

Notes

- Only available with HO RO option.
- Must specify HO when ordering LP06VS lamp type. Not available with HO RO.
- Not available with LP06VS lamp type.
- Only available with LP06VS lamp type. No remote capacity available.
- 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 and Combo with High-output Remote Capacity

SPECIFICATIONS

ELECTRICAL				
Primary Circuit				
	Typical LED life ¹	Supply voltage	Max. amps	Max. watts
Red & Green LED	10	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)

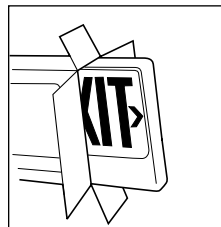
* with lead calcium alloy grids

Notes:

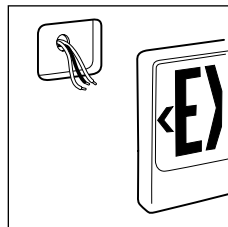
- Based on continuous operation.
- At 77°F (25°C).
- All life safety equipment, including emergency lighting for path of egress must be maintained, serviced, and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required maintenance, service, 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.

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 R0	10	3	10	4

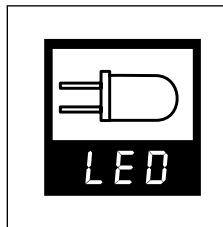
KEY FEATURES



Fully assembled at factory.

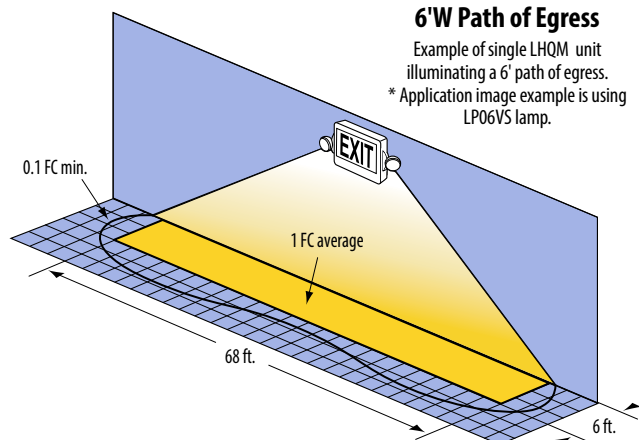


Install only one fixture instead of two.



The typical life of the LED lamp is 10 years.

FIXTURE PERFORMANCE

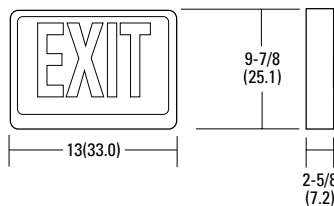


MOUNTING

All dimensions are inches (centimeters).

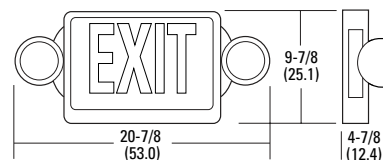
HO R0 - weight: 9.13 lbs. (4.14kgs)

LP06VS HO - weight: 9.35 lbs. (4.24kgs)



Specifications (exit only)

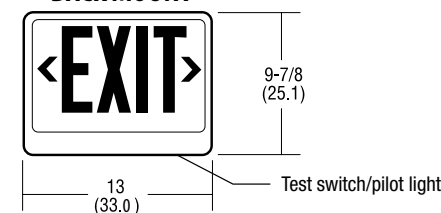
Length: 13 (33.0)
Depth: 2-5/8 (7.2)
Height: 9-7/8 (25.1)
Weight: 7.36 (3.3 kg)



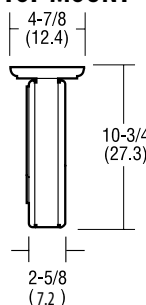
Specifications (combo)

Length: 20-7/8 (53.0)
Depth: 2-1/2 (6.3)
Height: 9-7/8 (25.1)
Weight: 9.35 (4.2 kg)

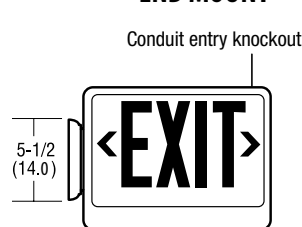
BACK MOUNT



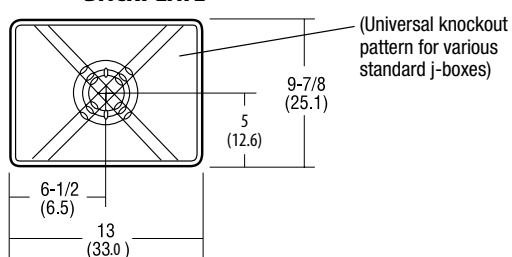
TOP MOUNT



END MOUNT



BACKPLATE



MOUNTING HEIGHT (LP06VS lamp type)

Single Unit Spacing		7.5'	10'	12'	16'	20'
LP06VS*	1FC Avg	36'	48'	68'	54'	N/A
	1FC Min**	12'	12'	14'	18'	N/A
Multiple Unit Spacing		7.5'	10'	12'	16'	20'
LP06VS*	1FC Avg	54'	74'	75'	60'	58'
	1FC Min**	31'	34'	34'	42'	34'

* Results assume Wall Mount with 6'-wide path of egress in 15'-wide aisle of 200'X200'X30', open warehouse with reflectances of 10/10/10.

Based upon 522.7 lumens per lamp for a total of 1,045 delivered lumens with the LP06VS lamp.

** Also meets the additional illumination requirements of NFPA 101: 1FC minimum and max/min ratio of 40:1.