

QUANTUM®

Emergency Lighting



Choose the
brand you trust—
your safety may
depend on it.



LITHONIA LIGHTING®

A family of trust
and tradition:

Quantum® Family Overview



Hopefully you'll never need to use your emergency lighting system. But in case you do, choose the system you can trust when it counts. Quantum exits and emergency lighting units are backed by the Lithonia Lighting quality and performance you've come to expect.

**Choose the brand you trust:
your safe exit may depend on it.**

The Quantum Family of exits and emergency lighting delivers the Quantum quality difference, backed by a full five-year warranty (three years on units). Premium batteries and electronics ensure worry-free performance for years to come. As a result, the Quantum brand ranks #1 among contractors. If you have yet to learn why, it's time you experience the Quantum quality promise for yourself.

Features of Quantum Exits and Units:

- Low-profile, contemporary design
- Patented Quick-Mount™ installation
- Tool-less entry
- Superior performance and quality
- Available through LightQuick® eXpressDelivery



QUANTUM®

QUALITY • INNOVATION • PERFORMANCE

NEW

**DIE-CAST
DURABILITY**



The brand you trust
now has a new face:

Quantum® Die-Cast Exits

Only the Quantum Family offers Quick-Mount™ installation. Traditionally, Quick-Mount technology has been limited to thermoplastic products. But today, clever engineering and precision components have incorporated Quick-Mount installation into die-cast exit signs. The die-cast versions of Quantum exits offer a stylish, upscale appearance while delivering the same incredible performance as the thermoplastic versions.

Appearance:

- Premium die-cast aluminum construction
- Brushed aluminum or white housing
- Red or green letters
- Concealed universal chevrons
- Versatile mounting: top, end or back (canopy included)

Performance:

- UL 924 listed for 100-ft visibility
- Ni-cad battery standard on emergency operation
- Simple, removable mounting hole covers and knockouts
- Removable backplate for double face conversion
- Tool-less entry
- Damp location

**FIVE
YEAR
WARRANTY**

LITHONIA LIGHTING®

Time-honored products
with time-honored quality:
Quantum® Exits



The distinctly attractive Quantum exit offers quick installation, low energy consumption and standard features you've come to expect from the Quantum Family.

Appearance:

- Durable thermoplastic housing
- Smallest LED housing on the market
- Black or white housing
- Red or green letters
- Universal chevrons
- Versatile mounting: top, end or back (canopy included)
- Universal face (one or two faces)

Performance:

- UL 924 listed for 100-foot visibility
- Ni-cad battery standard on emergency operation
- Tool-less entry
- Easy maintenance

Options:

- Fire alarm interface
- Self diagnostics
- Damp location



Fastest installed unit on the market!

The Quantum Family offers Quick-Mount™ installation features, making installation a snap and the Quantum Series the #1 choice. We've taken Quick-Mount installation to a whole new level.



1. Connect leads and twist butterfly bracket into place using existing J-box screws.



2. Attach canopy to butterfly bracket. No fasteners needed.



3. Attach housing to butterfly bracket and connect input leads.

Combining exits and units;
combining quality and performance:
Quantum® Combo Units



The Quantum combo unit is ideal for applications requiring both exit and emergency lighting. Its streamlined height makes the combo unit a great fit for above-the-door and other tight-fit applications. The combo unit's patented unibody housing is impact-resistant, scratch-resistant and corrosion-proof.

Appearance:

- Streamlined thermoplastic housing (10" height)
- Smallest LED housing on the market
- Black or white housing
- Red or green letters
- Universal chevrons
- Versatile mounting: top, end or back (canopy included)
- Universal face (one or two faces)

Performance:

- Fully adjustable MR24 lamp heads
- Krypton lamps
- UL 924 listed for 100-foot visibility
- Maintenance-free lead calcium battery
- Tool-less entry
- Easy maintenance

Options:

- Fire alarm interface
- Ni-cad battery
- Damp location
- High output capacity



QUANTUM®

QUALITY · INNOVATION · PERFORMANCE

LITHONIA LIGHTING®

The best performing units,
from the best performing brand:
Quantum® Units

Quantum emergency lighting units are a perfect fit for a variety of applications. All units feature low-profile, precision-molded, UV-stable thermoplastic housings. Quantum units offer a complete package of quality innovation and performance.



Appearance:

- Durable thermoplastic housing
- Black or white housing
- Rear mounting

Performance:

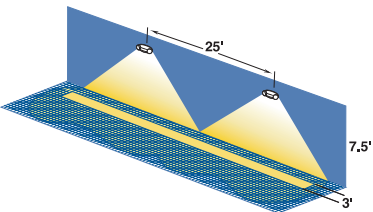
- Patented MR24 lamp heads
- Krypton lamps: 6-20 watts
- Adjustable optics
- Recessed test switch and status indicator
- Available in 6-volt and 12-volt configurations
- Capacities: 18-72 watts
- Tool-less entry

Options:

- Self diagnostics
- Ni-cad battery
- Damp location
- Time delay
- Remote test
- Halogen lamps

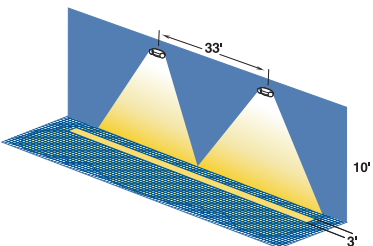
Quantum® Series
Performance Advantages

The patented MR24 lamp head, with its high-output krypton and halogen lamps, revolutionary multi-faceted aluminum reflector, and highly transmissive lens, provides 60-100% more light on the path of egress than traditional emergency lighting sources.



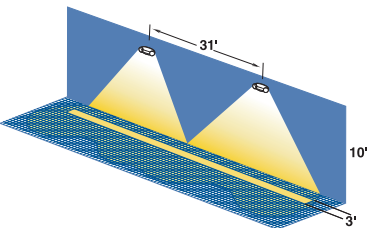
ELM2

- 6-volt, 5.4-watt krypton lamp
- Standard 7.5' mounting height delivers 25' center-to-center spacing (60% increase over traditional units)



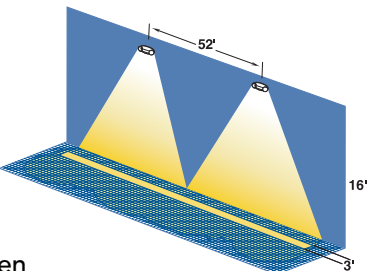
ELM12

- 12-volt, 9-watt krypton lamp
- Standard 10' mounting height delivers 33' center-to-center spacing (48% increase over competitive 12-volt, higher-capacity units)



ELM6

- 6-volt, 9-watt krypton lamp
- Standard 10' mounting height delivers 31' center-to-center spacing (48% increase over competitive 6-volt, higher-capacity units)

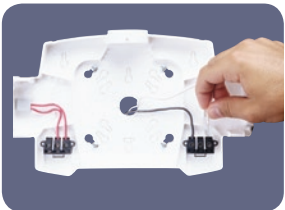


ELM6 halogen

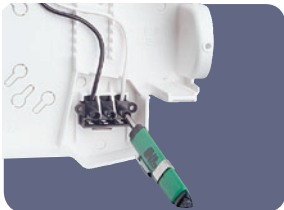
- 6-volt, 20-watt halogen lamp
- Higher, 16' mounting height delivers 52' center-to-center spacing (73% increase over competitive highest-wattage-available units)

Fastest installed unit on the market!

Installation for the larger capacity unit is easy. With the use of terminal blocks, the unit becomes "live" once housing is latched to mounting backplate.



1. Remove appropriate knockouts in backplate, secure to wall, pull input leads towards terminal block.



2. Connect input leads and remote lamps if applicable



3. Align unit to back plate and push to connect.

recommended center-to-center spacing and mounting height

LAMPS	7.5' mh	10' mh	12' mh	16' mh	20' mh
K0606	25	N/A	N/A	N/A	N/A
K0906	25	31	29	27	23
K0912	25	33	30	29	26
H1212	N/A	31	33	39	41
H2006	N/A	35	37	52	49

Die-Cast Exits

Family	Housing color	Number of faces	Letter color	Operation
LQC	(blank) Matte black, brushed aluminum face W White	1 Single face 2 Double face	R Red G Green	(blank) AC only, 120/277V EL N AC 120/277V input with nickel-cadmium battery backup

Exits

Family	Face type	Housing color	Number of faces	Letter color	Input voltage	Operations
LQM LED	S Stencil	(blank) Black W White	3 Single face with extra faceplate and color panel	R Red G Green	120/277 Dual voltage	(blank) AC only EL N Nickel-cadmium battery EL N SD Nickel-cadmium battery with self-diagnostics X2 Primary and secondary AC inputs provided

Combos

Family	Face type	Housing color	Number of faces	Letter color	Input voltage	Lamp heads	Options
LHQM LED exit with two external lamp heads	S Stencil	(blank) Black W White	1 Single face 3 Single face with extra faceplate and color panel	R Red G Green	120/277 Dual voltage	(blank) 5.4W/6V krypton H 6W/6V halogen	(blank) None HO High-output lead-calcium battery (adds 12 watts capacity) RO Less lamp heads

Units

Family	Options
ELM ELM2	DL Damp location listed B Black housing ¹ SD Self diagnostics ¹

Family	Lamp type ²	Options
ELM618 6V, 18W ELM627 6V, 27W ELM654 6V, 54W ELM1254 6V, 54W ELM1272 12V, 72W	<u>6-Volt MR24 Composite</u> (blank) 9W/6V krypton H2006 20V/6V halogen <u>12-Volt MR24 Composite</u> (blank) 9W/12V krypton H2012 20W/12V halogen	B Black housing ³ TD Time delay ⁴ SD Self diagnostics ⁴ DL Damp location ⁵ N Nicad ⁴

Unit accessories	
	Order as separate items.
ELA VS	Vandal shield for ELM and ELM2
ELA VS2	Vandal shield for ELM618, ELM627, ELM1254, and ELM1272
ELA MR24	Compact MR24 remote lamp head ELA MR24 K0906 (9W, 6V krypton) ELA MR24 K0912 (9W, 12V krypton)

NOTES:

- 1 Only available on ELM2.
- 2 Two lamps provided. Total lamp load cannot exceed the fixture capacity rating.
- 3 Available on ELM627 and ELM1272 only.
- 4 SD and TD for ELM618 and ELM1254 must be ordered with N option.
- 5 Not available with ELM654 or ELM1272

See lithonia.com for additional options, lamps, accessories and information.

The products in this brochure are covered by one or more U.S. Patent nos. : 7,182,487; 6,848,798; 6,502,044; 6,152,581; 6,142,648; 5,988,825; 5,739,639; 5,646,502; 5,611,163; 5,526,251; D532,918; D495,751; D484,272; D483,511; D473,672; D383,501 and other patents pending.

