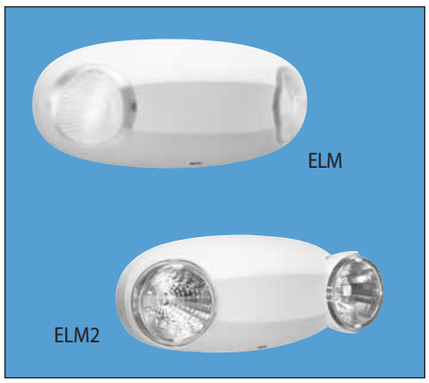
Quantum®

ELM/ELM2

Quick-Mount®



Intended Use

Provides a minimum of 90 minutes of illumination for the rated wattage upon loss of AC power. Ideal for applications requiring attractive unit equipment with quick installation.

Features

White, compact, low-profile contemporary design with high-impact thermoplastic housing that is impact-resistant, corrosion-proof and UV-stable to resist discoloration from artificial light sources or sunlight.

Maintenance-free lead-calcium battery.

Two 5.4W wedge-based krypton lamps offer 32 percent more light output than standard incandescent lamps.

Patented MR24, multi-faceted reflector (ELM2) significantly improves photometric performance; 60 to 100 percent more light delivered to the path of egress. Dual-voltage input capability (120/277V). Edge connectors on printed circuit board ensure long-term durability.

Unique track-and-swivel design permits full range of lamp head adjustment (ELM2). Universal J-box mounting pattern. Tool-less access for maintenance. Flexible conduit entry provision on top of the unit.

Quick-Mount® snap-together construction permits installation in three easy steps in less than three minutes.

Vandal-resistant ELA VS polycarbonate shield available.

Wall or ceiling mounted.

Listings

UL Listed (standard). CSA Certified or NOM Certified (see Options).

Ordering Information

Example: **ELM2 SD**

Family

ELM	6V,12W
ELM2	6V,12W

Options

SD	Self-diagnostics[1,2]
B	Black housing[1,2,3]
DL	Damp location[1,3]
CSR	8-foot cordset attached (120V ELM only)[1,4]
CSA	CSA Certified[5]
NOM	NOM Certified[1,2]

Accessories (Order separately)

ELA VS	Polycarbonate vandal shield
ELA WGST	Wireguard

lightquick® XD
Express delivery products.
See page11 for details about LightQuick XD.

Description
ELM
ELM2

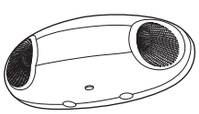
Type	SD[1,2]	B[1,2,3]	DL[1,3]	CSR[1,4]	CSA[5]	NOM[1,2]	Lamp Number	Watt/ Lamp
ELM			■	■	■		K0606	5.4
ELM2	■	■	■		■	■	MR24 K0606	5.4

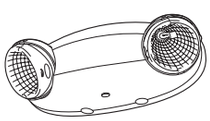
■ Option available
(blank) Option not available

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in **inches (millimeters)** unless otherwise noted.

ELM
Width: 11-1/2(292)
Depth: 3-3/4(95.25)
Height: 5(127)
Weight: 3.0 lbs. (1.4 kgs.)

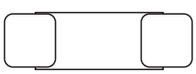
ELM2
Width: 12-1/2(317)
Depth: 3-3/4(95.25)
Height: 5(127)
Weight: 4.0 lbs. (1.8 kgs.)





ELM CSA
Width: 11-3/4(298)
Depth: 2-3/8(60)
Height: 5(127)
Weight: 3.0 lbs. (1.4 kgs.)

ELM2 CSA
Width: 16-1/4(412)
Depth: 4(102)
Height: 5-1/8(130)
Weight: 4.0 lbs. (1.8 kgs.)



Electrical Application Data

Type	AC Input Volts	AC Input Amps	AC Input Watts	Output Volts	Output Watts 1-1/2 hrs	Output Watts 2 hrs	Output Watts 3 hrs	Output Watts 4 hrs
ELM	120 277	.11 .12	1.2 1.5	6	12	—	—	—
ELM2	120 277	.11 .12	1.2 1.5	6	12	—	—	—

ELM/ELM2 Quick-Mount® Installation:

1) Feed leads through mounting plate and make connections to AC power supply.
2) Align mounting plate on J-box and secure with screws.
3) Connect battery and snap housing onto mounting plate.

NOTES:
1 Not available with CSA option.
2 Available on ELM2 only.
3 Black ELM2 not available with damp location option.
4 Available on ELM only.
5 See CSA diagram for special housing dimensions.

For additional lamp heads, remote fixtures, options and accessories, see pages 449-451.

For application guidelines and fixture performance data, see pages 455 and 458.

As Lithonia Lighting continues to improve the performance of its emergency lighting products, we also continue to improve the manner in which we communicate our products' performance. Instead of relying on lamp iso-footcandle diagrams to compare one source to the next, we now perform point-by-point illuminance calculations to more accurately depict how our products will perform in real commercial or industrial applications.

Point-by-point calculations depict illuminance coverage of an individual unit and/or multiple units in a space. Graphical representation of point-by-point for both a 3' and 6' path of egress are highlighted throughout the next few pages.

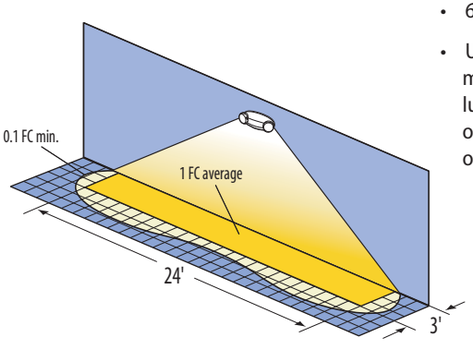
In the graphical representation, the rectangle depicts the area where an average of one footcandle (FC) is maintained. The surrounding curve represents the minimum 0.1 FC isocontour along the floor. The coverage of an individual unit, as well as the maximum spacing that can be achieved with multiple units is depicted in feet. The footnotes detail all the relevant information necessary to replicate each layout using your own lighting analysis software and IESNA format photometrics.

ELM2 MR24 Lamp Head

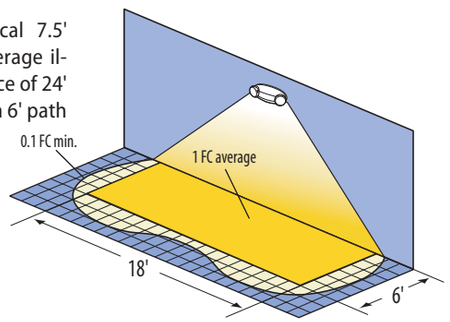
ELM2 Peformance Advantage

Single-unit coverage[1]

- 6-volt, 5.4-watt krypton lamp
- Using a single unit at a typical 7.5' mounting height delivers an average illuminance of 1.0 FC over a distance of 24' on a 3' path of egress and 18' on a 6' path of egress.



Example of single ELM2 unit illuminating a 3′ path of egress.



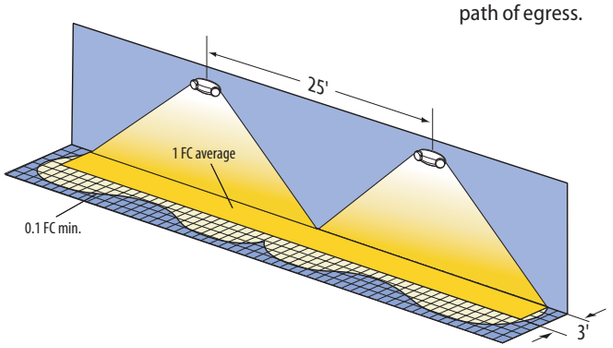
Example of single ELM2 unit illuminating a 6′ path of egress.

1 FC average 0.1 FC minimum

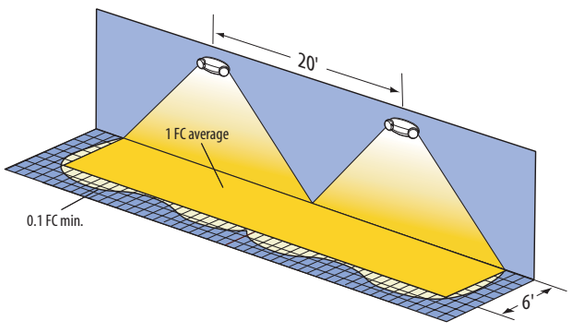
ELM2 Peformance Advantage

Multiple-unit coverage[1]

- 6-volt, 5.4-watt krypton lamp
- Using multiple units at a typical 7.5' mounting height delivers 25' center-to-center spacing on a 3' path of egress and 20' center-to-center spacing on a 6' path of egress.



Example of multiple ELM2 units in a row illuminating a 3′ path of egress.



Example of multiple ELM2 units in a row illuminating a 6′ path of egress.

NOTES:

1 Meets Life Safety Code® standard minimum illuminance of 0.1 FC and average illuminance of 1.0 FC. Assumes open space with no obstructions, mounting height: 7.5′, ceiling height: 9′, and reflectances: 80/50/20. Analysis based on independently tested photometrics.