

Quantum® ELM2LF and ELM2L

Contemporary Commercial LED Emergency Lights

Life Depends on It

When it comes to life safety, adequate is not enough. We know that life depends on building occupants and first responders having light in emergency situations. The redesigned Quantum® series from Lithonia Lighting® with improved aesthetics and performance, is easy to install and maintain. The advanced optical design and electronic technology deliver high-quality light output when it is needed most.

Market leading optical performance

Includes the latest in LED optical design raising the bar for path of egress coverage and spacing, allowing fewer products to do the same job reducing the total product spend and lowering installation time, effort and costs.

Reduced Maintenance

Both the ELM2L and ELM2LF feature two, high performance LEDs with acrylic lens. The LED light sources typically never need to be replaced under normal conditions for normal off applications. This saves short and long-term maintenance costs while assuring code-required light levels when they are needed most.

Premium LiFePO₄ Electronics Package:

- Capacity for two additional remote lamps or three hour run-time
- Universal input voltage (120 through 347V, 50-60Hz)
- Optional self-diagnostics and remote testing



ELM2LF Fixed Optics – No aiming required!

- Wall-mount applications
- 220 lumens linear pattern up to 35' spacing

ELM2L Aimable Optics

- 220 lumens linear pattern up to 33' spacing
- Wall and ceiling mount applications

Standard Features:

- Nickel Cadmium Battery
- Dual-voltage AC input (120/277V, 60Hz)
- Quick-mount installation
- Damp location listed 50-104°F (10-40°C)
- California Title 20 compliant

Quantum® ELM2LF and ELM2L

Market Leading Optical Performance Spacings

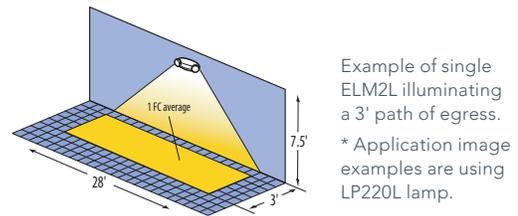
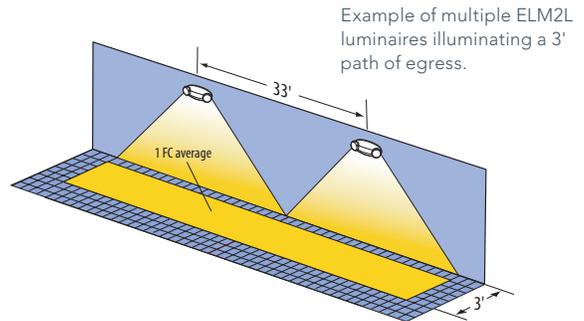
Maximum Spacing Guidelines – ELM2LF

Mounting Height	Illumination Level	Single Luminaire Coverage		Multiple Luminaire Spacing		Application Notes
		3' Path of Egress	6' Path of Egress	3' Path of Egress	6' Path of Egress	
7.5'	1FC Avg ¹	32'	20'	35'	28'	100' Corridor, 8' wide, and 12' high with 80/50/20 reflectances
10'	1FC Avg ¹	20'	NA	27'	24'	

Maximum Spacing Guidelines – ELM2L

Mounting Height	Illumination Level	Single Luminaire Coverage		Multiple Luminaire Spacing		Application Notes
		3' Path of Egress	6' Path of Egress	3' Path of Egress	6' Path of Egress	
7.5'	1FC Avg ¹	28'	20'	33'	27'	100' Corridor, 8' wide, and 12' high with 80/50/20 reflectances
10'	1FC Avg ¹	20'	14'	27'	23'	

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



Premium LiFePO₄ Electronics Package

Life Safety code requires building owners to perform a minimum 30 second test every month and 90 minute test annually. Visual inspections and tests must be documented.

Self Diagnostics and Remote Testing

- Automatic 5 minute test every month and 90 minute test annually
- Reduces testing and maintenance labor up to 66%
- Diagnostics monitor lamp load, battery, electronics performance and indicates up to 9 different status and failure modes through the backlit test button.
- Remote transmitter (ELA RT) initiates 30 second test for on demand visual inspection from up to 30ft away. Eliminates the need for a lift or ladder.



Lithium Iron Phosphate Battery Powers Compatible Remotes OR Provides Extended Run-Times



LTP Extended Run-Times	
Products	Total run-time with no remotes
ELM2L LTP	3 hours
ELM2LF LTP	3 hours

