

Quantum[®] ELMxL Family

Frequently Asked Questions

What is the intended use for the ELMxL Family of Products?

The ELMxL products provide emergency, life safety lighting, capable of wall or ceiling mounting and are ideal for a wide variety of commercial indoor applications.

What is the intended mounting height of the ELMxL products? Please note that the ELM2LF is wall mount only.

ELMxL products are incredibly powerful providing mounting heights from 7.5' to 30+'. The mounting heights vary by product allowing 35' centers at 7.5' mounting height for the ELM2L, to 98' centers at 7.5' mounting height for the ELM6L. Maximized spacings can reduce the number of units, which in turn lowers installation costs and reduces long-term maintenance costs.

What is the wattage of the ELMxL lamps?

The wattage varies depending on product. See spec sheet for details.

Does the ELMxL light output vary over the emergency operating period?

While traditional emergency lighting products can dim by up to 40% during emergency mode, all LTP versions deliver constant light output, virtually the same amount of light from the first minute through the 90th minute.

What input voltages are available for the ELMxL products?

The ELMxL products offer multiple choices in voltage. One of the most versatile is UVOLT, which is universal input and can support 120V through 347V, 50 and 60Hz.

What type of battery does the ELMxL offer?

Selected versions of the ELMxL products are available in your choice of nickel cadmium battery or with a lithium iron phosphate battery. Consult spec sheet for offerings. By offering the latest in battery technologies, the ELMxL products provide a battery service life that is far superior to conventional power sources and significantly reduces costly battery replacements over the life of the product.

Are the ELMxL products available with increased-capacity battery options?

Yes, moving from ni-cad to lithium batteries on the ELM2LF, ELM2L and ELM4L will provide the capacity to run two more lamp heads (4 total) or provide 3 hours of run-time. The ELM4L and ELM6L are available with HO or EHO options which double or triple battery capacity respectively compared to the standard unit. Extra battery capacity can power additional lamp heads or enable longer run times. (See spec sheets for further details)

How many remotes will the ELM6L power for 90 minutes?

Multiple choices are available that power from 4 up to 12 remote heads. Consult spec sheet.

What are the self-diagnostic testing procedures for the ELMxL products?

The ELMxL products featuring SDRT capability will conduct a monthly 5-minute test and an annual 90-minute test.

Where are the ELMxL products manufactured?

The ELMxL products are manufactured at our Mezquital, Mexico production facility. USPOM versions are available.

Are the ELMxL stocked products?

Select configurations of the ELMxL products are stocked and available for immediate shipping.

Are the ELMxL products Title 20 (T20) certified?

Yes, all ELMxL products meet the energy efficiency performance requirements of Title 20 and are certified and listed in the CEC appliance efficiency database.