

ELC

Series ELC EMERGENCY LIGHTING CONTROL

Q & A

SERIES ELC

ELC converts any LED luminaire to emergency lighting operation, powered from a Sigtex central battery system.

All Sigtex central battery systems Series CBS and CBM include fully automatic self-test, self-diagnostics. Series CBM includes the MARS™ Monitoring and Reporting System which provides cloud-based internet communication and fault reports delivered automatically via email for all components of the emergency system.

Component Recognized in compliance with UL Standard 924, for field or factory installation in the Fire and Electrical Enclosure of any LED fixture. All Sigtex Central Battery Systems and MOONLITE LED emergency fixtures are UL Listed to Standard

Will the ELC work with any type of LED general lighting fixture

Yes! That's part of its versatility.

Will the ELC affect the warranty or operation of the fixture?

No. The ELC has no effect on normal operation, including dimming/lighting controls that may be installed.

Can the ELC be field installed?

Yes!

What about wet/damp locations?

Yes. ELC can be located in wet location rated housings.

Is the ELC compatible with dimmed fixtures?

Yes. Upon loss of AC power, the ELC will bring dimmed fixtures up to necessary light levels.

How does the ELC determine the proper light level to comply with Life Safety Code?

ELC can be adjusted at the factory to set the optimum light output in emergency mode. The lumen output will be determined by the fixture used and lighting required for the application.

Does the ELC connect to the fixture driver?

Yes. The ELC connects to the output or secondary side. It does not affect normal operation of the existing driver.

LED board drivers operate at various voltages. How do you take this into account?

ELC voltage is matched to the output voltage of the existing driver. To select the correct ELC we need to know the maximum output voltage of the existing fixture driver.

Does the wattage of the LED fixture impose limits on the ELC?

No. We can install the ELC into fixtures rated from 5W to 300W or higher.

How does the ELC detect loss of AC power and where are its batteries?

The ELC itself has no batteries but works in conjunction with our Central Battery System (CBS) and is immediately activated when 24V emergency power from the CBS is detected.

Can the ELC be used with a generator?

Yes! The ELC can be used with a generator in conjunction with our Central Emergency System (CES).

How economical is the ELC compared to unit equipment?

Very! The ELC combined with central batteries always installs with self-test diagnostics and can save up to 30% or more compared to unit equipment without diagnostics! Annual operating and maintenance cost typically runs more than 90% less than unit equipment with self-contained batteries.

