



Emergency Lighting Solutions for Canada

IOTA® Emergency Lighting Solutions offer a full range of emergency products that enable your existing luminaires to deliver the required emergency egress lighting in commercial applications.

Emergency LED Drivers

IOTA Emergency Drivers install internally or externally to the fixture, providing emergency battery power directly to the LED load. Different non-diminishing wattage options allow you to match the desired lumen performance based on fixture efficacy and mounting height.



Inverter Systems

IOTA Inverters deliver auxiliary AC power to fixtures, circuits, or multi-circuit applications. Inverter systems allow designated emergency fixtures to operate at full light output while in the emergency mode and can service 30-minute, 60-minute, and 120-minute runtimes.



ALCR Solutions

IOTA ALCR (automatic load control relays) enable the use of local ON/OFF and 0-10V dimming controls on fixtures connected to an auxiliary inverter or generator. This eliminates the needless energy waste of 24/7 'Always On' fixtures without compromising emergency performance.





ILB Emergency Driver Solutions

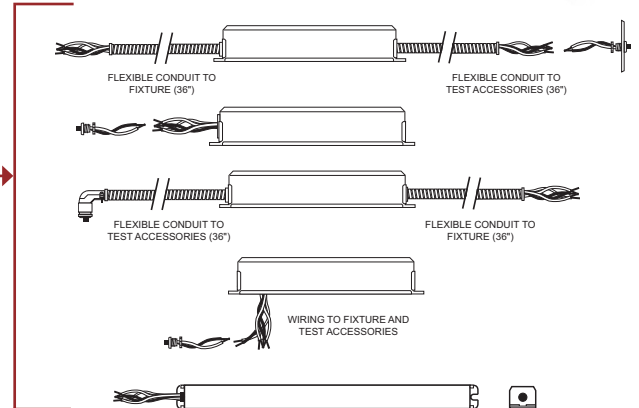
IOTA emergency drivers are available in a variety of constant power wattage options for both 120-277VAC and 347-480VAC applications. IOTA emergency drivers provide 90 minute emergency operation for both Class 2 (10-60VDC) LEDs and non-Class 2 LEDs up to 250VDC. Select two-hour driver solutions are also available.



Constant Emergency Lumen Performance (From Minute 1 to Minute 90)

Product Series	Input	Battery Type	Wattage Options
ILB	120-277VAC	Nickel-Cadmium	5, 7, 8, 10, 12, 20
ILBLP	120-277VAC	Lithium	10, 15, 20, 30
ILBHI	347-480VAC	Lithium	10, 15, 20, 30

IOTA emergency drivers are offered in a variety of mounting styles to meet individual fixture requirements.



IISCN Series Inverters

IOTA offers micro-inverter solutions up to 50W, mini-inverter solutions up to 750W, and large three-phase output systems for up to 50kVA applications. IISCN and IISCN3P systems will operate loads up to 120 minutes. Mini and micro solutions operate loads up to 90 minutes but de-rating the connected load can increase operation time to 120 minutes if required.

Product Series	Output	Load Size
IIS	Single Phase	25W to 125W
IISCN	Single Phase	175VA to 1100VA
IISCN3P	Three Phase	10kVA to 50kVA

IOTA Emergency Inverter Solutions include the following features:

- Full light output in the emergency mode
- Automatic self-diagnostics (IISCN and IISCN3P)
- Remote operation of loads up to 1000+ feet
- 347VAC/600VAC systems (IISCN3P Series)



ETS and ETS 20 ALCR Solutions

Use ETS devices when supplying emergency power from a generator or inverter system. Without an ALCR device, local controls cannot be present on the designated emergency circuit, preventing the emergency supply from being inadvertently cut off from the emergency fixtures.



ETS DR

The ETS DR will shunt emergency power around a local control (wall switch, timer, sensor) and any 0-10V dimming signal for a single fixture.



ETS 20

The ETS 20 shunts emergency power around a local control (wall switch, timer, sensor) for multiple fixtures on a single circuit.



ETS 20 DR

The ETS 20 DR shunts emergency power around a local control (wall switch, timer, sensor) and up to two 0-10V dimming signals for multiple fixtures on a single circuit.

Find product details on all IOTA Canada Emergency Lighting Solutions at www.iotaengineering.com/products/Canadian-life-safety-products