

Job/Location: \_\_\_\_\_  
 Contractor: \_\_\_\_\_  
 Prepared By: \_\_\_\_\_

Job Type: \_\_\_\_\_  
 Date: \_\_\_\_\_

■ The **LUCE-10** low profile emergency ballast is designed to provide emergency illumination capability to existing or new fluorescent fixtures. **LUCE-10** emergency ballast consists of an internal nickel cadmium battery, charger and electronic circuit in one compact case.



■ The **LUCE-10** emergency ballast may be installed inside, on top of or remote from the fixture. The **LUCE-10** emergency ballast may be remote-installed up to half the distance the AC ballast manufacturer recommends removing the AC ballast from the lamp, or up to 50 feet, whichever is less.

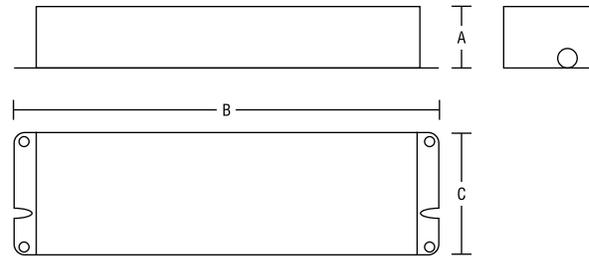
■ **Installation:** The **LUCE-10** emergency ballast does not affect normal fixture operation and may be used with either a switched or unswitched fixture. If a switched fixture is used, an unswitched hot lead must be connected to the emergency ballast. The emergency ballast must be fed from the same branch circuit as the AC ballast.

■ Installation is not recommended with fixtures where the ambient temperature may fall below 0°C for extended periods.

NOTE: 3 year warranty standard, see details on next page.

### ■ specifications: internal

The **LUCE-10** emergency ballast consist of a high-temperature, maintenance-free nickel cadmium battery, charger and electronic circuitry contained in one 14.2" x 1.1" x 1.2" galvanized steel case. An LED indicator light monitors the charger and battery. A single-pole test switch, and installation hardware are included. The emergency ballast is capable of operating one (1) 14W-32W (2'- 4') T5 or T8 fluorescent lamps without integral starters at reduced illumination in the emergency mode for a minimum of 90 minutes. The **LUCE-10** produces 450 to 500 lumens initial emergency light output, consumes 2.5W of input power, a 9W hour battery capacity. Complies with emergency standards set forth by the current NEC and is UL Listed for installation inside, on top of, or remote from the fixture.



Series	A"	B"	C"
LUCE-10	1.2"	14.2"	1.1"
	30mm	361mm	28mm

### ■ specifications: external

The **LUCE-10** features a solid-state charging indicator light to monitor the charger and battery, a single-pole test switch, and installation hardware. Listed for installation inside, on top of, or remote from the fixture.

### ■ ordering logic

Series	Description
LUCE-10	500 lumens, 2'-4' T5-T8 14w-32W linear

### ■ builder

Series	Description
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## ■ specifications: electrical

**BATTERY:** The LUCE-10 emergency ballast uses a high-temperature nickel cadmium battery. This battery requires no maintenance, and has a life expectancy of 7 to 10 years.

**CIRCUIT:** The LUCE-10 can be used with one (1) 14W-32W (2' - 4') T5 or T8 fluorescent lamps without integral starters. It is also compatible with most electronic and dimming AC ballasts. The LUCE-10 ballast is not suitable for use in air handling heated air outlet fixtures, or sealed & gasketed fixtures, including fixtures rated for wet or hazardous locations. The LUCE-10 also features time-delay and open circuit isolation that enables it to function smoothly with 'End-of-Lamp-Life' circuitry in newer AC ballasts. This provides an additional level of unit protection from over-voltage caused by an absence of a lighting load.

## ■ specifications: mechanical

The LUCE-10 features a 14.2" x 1.1" x 1.2" durable galvanized steel case. A single-pole test switch and installation hardware are also included.

## ■ emergency illumination

When AC power fails, LUCE-10 emergency ballast immediately switches to the emergency mode, keeping one lamp illuminated at a reduced lumen output for a minimum of 90 minutes. When AC power is restored, the ballast automatically returns to the charging mode. The LUCE-10 emergency ballast produces 450-500 lumens initial emergency output. During emergency illumination, one lamp is illuminated, even if installed with a multi-lamp AC ballast. Emergency lumen output will be less with a compact fluorescent lamp.

## ■ UL and code compliance

The LUCE-10 has been tested by Underwriters Laboratories in accordance with the standards set forth in UL 924, "Emergency Lighting and Power Equipment," and is UL Listed for factory or field installation. Emergency illumination time exceeds the National Electrical Code (NEC), Life Safety Code (NFPA-LSC) and UL 90-minute requirements.

## ■ warranty

The LUCE-10 series comes with a 3-year factory warranty. Deliberate damage, misuse, improper installation and/or application effectively cancel the warranty.

## ■ product summary

<b>UL Listed</b>	<b>Dual Voltage Input</b>	<b>Charge Indicator</b>	<b>Temperature Rating (Ambient)</b>
Factory or Field installation	120/277VAC 60Hz	LED	0°C TO +55°C (32°F TO 131°F)
<b>Illumination</b>	<b>Ac Input Current</b>	<b>Battery Charging Current</b>	<b>Weight</b>
90 Minutes	127mA/ 120mA	127mA/ 120mA	1.36 lbs. (0.6kg)
<b>Initial Light Output</b>	<b>Ac Input Power Rating</b>	<b>Recharge Time</b>	<b>Test Switch</b>
450-500 Lumens	2.5 Watts	24 Hours	Single Pole
<b>Dimensions</b>	<b>Battery</b>	<b>Full Warranty</b>	
1.42" x 1.1" x 1.2" (361mm x 28mm x 31mm) Mounting center 13.5" (343 mm)	High-Temperature Maintenance-Free Nickel-Cadmium Battery 7-10 Year Life Expectancy	3 years (NOT pro-rated)	