

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

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

■ The **LUCE-5** emergency ballast is designed to provide emergency illumination capability to existing or new fluorescent fixtures.

**LUCE-5** emergency ballast consists of an internal nickel cadmium battery, charger and electronic circuit in a galvanized steel case.

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



■ **Installation:** The **LUCE-5** 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.

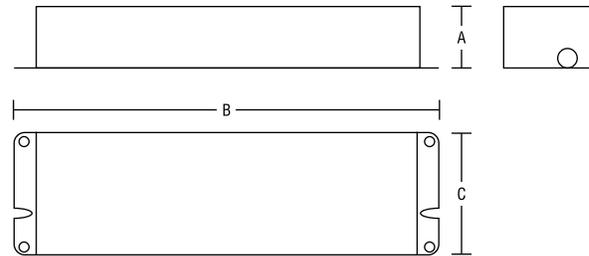
■ The emergency ballast must be fed from the same branch circuit as the AC ballast. The **LUCE-5** emergency ballast may be installed inside, on top of the fixture. Installation is not recommended with fixtures where the ambient temperature may fall below 0°C for extended periods.

### ■ specifications: internal

The **LUCE-5** emergency ballast consist of a high-temperature, maintenance-free nickel cadmium battery, charger and electronic circuit contained in a 9.5" x 2.375" x 1.5" galvanized steel case. The **LUCE-5** emergency ballast is capable of operating 7W, 9W, & 13W twin tube 2-pin with integral starter or 9W-13W quad 2-pin with integral starters in the emergency mode for a minimum of 90 minutes. **LUCE-5** consumes 3.5W of input power, and a 24W 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.

### ■ specifications: external

The **LUCE-5** 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.



Series	A"	B"	C"
LUCE-5	1.5"	9.5"	2.38"
	38mm	241mm	60mm

### ■ ordering logic

Series	Description	Options
LUCE-5	650 lumens, 7W, 9W, and 13W 2-pin twin tube, 9W-13W quad tube, CF.	DL (suitable for enclosed and gasketed fixtures)

### ■ builder

Series	Description	Options
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## ■ specifications: electrical

**BATTERY:** The LUCE-5 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-5 can be used with most 7W, 9W, & 13W 2-pin twin compact fluorescent lamps, with an initial output of up to 650 lumens for one lamp. The LUCE-5 DL model suitable for use in enclosed and gasketed fixtures.

## ■ specifications: mechanical

The LUCE-5 features a 9.5" x 2.375" x 1.5" durable galvanized steel case.

## ■ emergency illumination

When AC power fails, the LUCE-5 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-5 emergency ballast produces 650 lumens initial emergency light output. During emergency operation, one lamp is illuminated, even if installed with a multi-lamp AC ballast.

## ■ 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	XXX	XXX	2.5LBS (1.13KG)
<b>Initial Light Output</b>	<b>Ac Input Power Rating</b>	<b>Recharge Time</b>	<b>Test Switch</b>
650 Lumens	3.5 Watts	24 Hours	Single Pole
<b>Dimensions</b>	<b>Battery</b>	<b>Full Warranty</b>	
9.5" x 2.375" x 1.5" (242mm x 61mm x 39mm) Mounting center 9.0" (228.6mm)	High-Temperature Maintenance-Free Nickel-Cadmium Battery 7-10 Year Life Expectancy	3 years (NOT pro-rated)	

## ■ UL and code compliance

The LUCE-5 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-5 thinline series features a 3-year factory warranty. Deliberate damage, misuse, improper installation and/or application effectively cancel the warranty.

## ■ lamp selection

Lamp	(1) Lamp
7W PL CF 2-PIN	350
9W PL CF 2-PIN	500
13W PL CF 2-PIN	650