

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

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

■ The **LUCE-6** emergency ballast is designed to provide emergency illumination capability to existing or new fluorescent fixtures. **LUCE-6** emergency ballast consists of a nickel cadmium battery, charger and electronic circuit in one durable housing.

■ **Installation:** The **LUCE-6** 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.

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

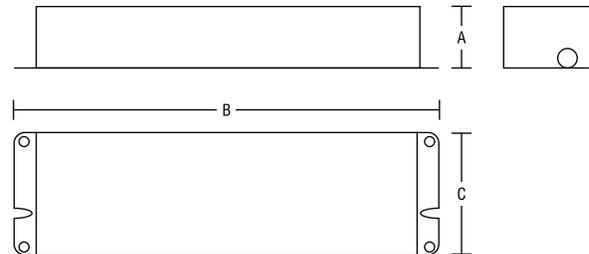


■ The **LUCE-6** may be installed on top of or remote from the fixture. The emergency ballast may be remotely installed up to half the distance the AC ballast manufacturer recommends removing the AC ballast from the lamp or up to 50 feet, whichever is less.

■ For installation on top of the fixture, The **LUCE-6** provides two feet of flexible conduit at each end of the ballast. Installation is not recommended with fixtures where the ambient temperature may fall below 0°C. For simple visual inspection of the charging indicator light and operational testing, the test switch/monitor plate may be installed in the ceiling near the fixture or remote installed by the fixture's wall switch.

### ■ specifications: internal

The **LUCE-6** consist of a high-temperature, maintenance-free nickel cadmium battery, charger and electronic circuitry contained in one 9.4" x 2.4" x 1.5" metal case with two feet of flexible conduit at each end of the ballast. A test switch/monitor plate with test switch and charging indicator light is provided to monitor the charger and battery. The emergency ballast is capable of operating one 10W – 26W Quad or 3 tube 2-pin compact fluorescent lamp (with no integral starter) in the emergency mode for a minimum of 90 minutes. The **LUCE-6** consumes 3.5 W of input power, a 14.4W 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-6	1.5"	9.4"	2.4"
	38mm	239mm	61mm

### ■ specifications: external

The **LUCE-6** 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-6	650 lumens, 10W - 26W CF lamps with integral starters, bi-pin quad or triple twin-tube.

### ■ builder

Series	Description
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## ■ specifications: electrical

**BATTERY:** The LUCE-6 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:** LUCE-6 can be used with can be used with most 10W - 26W compact fluorescent lamps with integral starters, including bi-pin quad or triple twin-tube compacts. It is also compatible with most electronic, standard, and energy-saving AC ballasts. The LUCE-6 is suitable for indoor locations and is not suitable for air handling heated air outlets or sealed & gasketed fixtures, including fixtures rated for wet or hazardous locations.

## ■ specifications: mechanical

The LUCE-6 features a 9.4" x 2.4" x 1.5" durable metal case with two feet of flexible conduit at each end of the ballast. A test switch/monitor plate with test switch and charging indicator light is provided to monitor the charger and battery.

## ■ emergency illumination

When AC power fails, The LUCE-6 immediately switches to the emergency mode, operating one lamp at reduced lumen output for a minimum of 90 minutes. When AC power is restored, The LUCE-6 automatically returns to the charging mode. Depending on the wattage and type of lamps selected, The LUCE-6 produces 300 to 650 lumens initial emergency light output. During emergency illumination, one lamp is illuminated, even if installed with a multi-lamp AC ballast.

## ■ UL and code compliance

The LUCE-6 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-6 Series comes with a 3-year factory warranty. Deliberate damage, misuse, improper installation and/or application effectively cancel the warranty.

## ■ product summary

UL Listed	Dual Voltage Input	Charge Indicator	Temperature Rating (Ambient)
Factory or Field installation	120/277VAC 60Hz	LED	0°C TO +55°C (32°F TO 131°F)
Illumination	Ac Input Current	Battery Charging Current	Weight
90 Minutes	150-200mA	150-200mA	2.1 lbs (1 kg)
Initial Light Output	Ac Input Power Rating	Recharge Time	Test Switch
650 Lumens	3.5 Watts	24 Hours	Single Pole
Dimensions	Battery	Full Warranty	
9.4" x 2.4" x 1.5" (239mm x 61mm x 39mm) Mounting center 8.9" (226 mm) Flexible conduit 2" (610mm)	High-Temperature Maintenance-Free Nickel-Cadmium Battery	3 years (NOT pro-rated)	
	7-10 Year Life Expectancy		