

Job/Location: _____
 Contractor: _____
 Prepared By: _____

Job Type: _____
 Date: _____

■ The **LUCE-9** low-profile emergency ballast works in conjunction with a low-profile or standard-size AC ballast to convert new or existing standard or high-output T5 and T8 fluorescent fixtures into unobtrusive emergency lighting.

■ The emergency ballast consists of a high temperature nickel-cadmium battery, charger and electronic circuitry in one compact case.



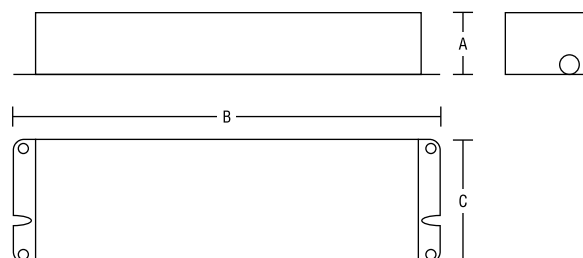
■ **Installation:** The **LUCE-9** emergency ballast does not affect normal fixture operation and may be used with either a switched or unswitched fixture. If a switched fixture is used, an unswitched hot lead must be connected to the emergency ballast.

■ The emergency ballast must be fed from the same branch circuit as the AC ballast. The **LUCE-9** 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.

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

■ specifications: internal

The **LUCE-9** consists of a high-temperature, maintenance free nickel-cadmium battery, charger and electronic circuitry contained in one 21.5" x 1.18" x 1.18" galvanized steel case. An LED indicator light monitors the charger and battery. A single-pole test switch and installation hardware are included. The **LUCE-9** emergency ballast, delays AC ballast operation for approximately 3 seconds to prevent false tripping of AC ballast end-of-lamp-life shutdown circuits. The **LUCE-9** emergency ballast is capable of operating one fluorescent lamp from 650 - 1325 lumens initial emergency light output in the emergency mode for a minimum of 90 minutes. The **LUCE-9** is suitable for indoor and damp locations and for sealed & gasketed fixtures, including fixtures rated for wet locations. The **LUCE-9** consumes 3W of input power and an 18.5W hour battery capacity. Exceeds emergency standards set forth by the current NEC and is UL Listed and CSA Certified for installation inside or on top of the fixture.



Series	A"	B"	C"
LUCE-9	1.18"	21.5"	1.18"
	30mm	546mm	30mm

■ specifications: external

The **LUCE-9** 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-9	650 - 1325 lumens, 2'-4' 14-54W T5-T5HO linear, 4' - 5' 32-44W T8, 36-55W 4-pin CF

■ builder

Series	Description

■ specifications: electrical

BATTERY: The LUCE-9 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-9 can be used with one 14-54W (2' - 4') standard or high-output T5HO; 17-55W (2' - 5') standard or high-output T8; or 36-55W (4-pin) long CF lamp. It is also compatible with most one, two, three and four-lamp electronic, standard, energy saving and dimming AC ballasts. The LUCE-9 is suitable for indoor and damp locations and for sealed & gasketed fixtures, including fixtures rated for wet locations. It is not suitable for air handling heated air outlets or hazardous locations.

■ specifications: mechanical

The LUCE-9 features a 21.5" x 1.18" x 1.18" durable galvanized steel case. A single-pole test switch and installation hardware are also included.

■ emergency illumination

When AC power fails, the LUCE-9 immediately switches to the emergency mode, operating one lamp at high lumen output for a minimum of 90 minutes. When AC power is restored, the emergency ballast automatically returns to the charging mode and, using a patented circuit, delays AC ballast operation for approximately 3 seconds to prevent false tripping of AC ballast end-of-lamp-life shutdown circuits. Depending on the wattage and type of lamp selected, the LUCE-9 produces 650 to 1325 lumens initial emergency light output. During emergency operation, one lamp is illuminated, even if installed with a multi-lamp AC ballast.

■ lamp selection

Lamp	(1) Lamp	Lamp	(1) Lamp
FP54, F54T5/HO	1250	FP25T8	750
FP39, F39T5/HO	1125	F31T8, (4')	1100
FP24, F24T5/HO	725	F40T8 (5')	1325
FP28, F28T5	1250	F40T8 (4', 44W)	1275
FP21, F21T5	1025	PL-L 50W, F50BX/RS, FT55DL	1050
FP14, F14T5	750	PL-L 40W, F40/30BX, FT40DL/RS	925
FP17T8	650	PL-L 36W, F39/36BX, FT36DL	900
FP25T8	650		

■ 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	180mA	165mA	3.3 lbs. (1.5 kg)
Initial Light Output	Ac Input Power Rating	Recharge Time	Test Switch
650 - 1325 Lumens	3.0 Watts	24 Hours	Single Pole
Dimensions	Battery	Full Warranty	
21.5" x 1.18" x 1.18" (546mm x 30mm x 30mm) Mounting center 21.1" (536 mm)	High-Temperature Maintenance-Free Nickel-Cadmium Battery 7-10 Year Life Expectancy	3 years (NOT pro-rated)	

■ UL and code compliance

The LUCE-9 has been tested by Underwriters Laboratories in accordance with the standards set forth in UL 924, "Emergency Lighting and Power Equipment," and by the Canadian Standards Association (CSA) in accordance with the standards set forth in C22.2 No. 141, "Unit Equipment for Emergency Lighting." The LUCE-9 is UL Listed and CSA Certified for factory or field installation. Emergency illumination time exceeds the National Electrical Code (NEC), Life Safety Code (NFPA-LSC), National Building Code of Canada (NBC), National Fire Code of Canada (NFC) and UL 90-minute requirements.

■ warranty

The LUCE-9 Series comes with a 3-year factory warranty. Deliberate damage, misuse, improper installation and/or application effectively cancel the warranty.