

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

Job Type: _____
 Date: _____

■ The **LUCE-7ACTD** fluorescent emergency ballast is designed to provide emergency illumination capability to existing or new fluorescent fixtures.

■ **LUCE-7ACTD** emergency ballast consists of a field replaceable nickel cadmium battery, charger and electronic circuit in one durable housing. AC output ensures compatibility with newer lamp technologies and helps prolong lamp life. Time delay enhancement to overcome end-of-life circuit protection.

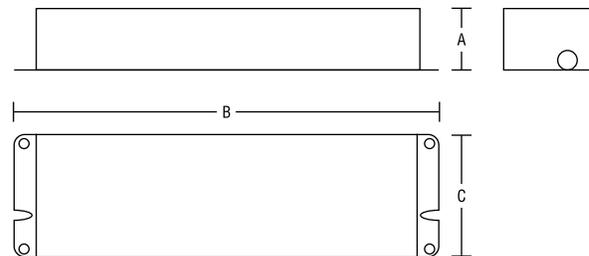


■ **Installation:** The **LUCE-7ACTD** does not affect normal fixture operation and may be used with either a switched or unswitched fixture. If a switched fixture is used, an unswitched hot lead must be connected to the emergency ballast. The emergency ballast must be fed from the same branch circuit as the AC ballast. The **LUCE-7ACTD** 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. Installation is not recommended with fixtures where the ambient temperature may fall below 0°C. The **LUCE-7ACTD** comes standard with 2' painted-white steel housing with conduit on both ends.

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

■ specifications: internal

The **LUCE-7ACTD** 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 2' of flexible conduit at each end. A test/monitor plate with an LED indicator monitors the charger and battery. A single-pole test switch installation hardware are included. The emergency ballast is capable of operating one (1) or two (2) 8W-40W tubular fluorescent lamps; One (1) or two(2) 13W-42W CF lamps without integral starters at reduced illumination in the emergency mode for a minimum of 90 minutes (see Compatibility data on next page). The **LUCE-7ACTD** produces 300-750 lumens initial emergency light output, consumes 3.5W of input power, has a 14.4W hour battery capacity. Complies with emergency standards set forth by the current NEC and is UL Listed for installation on top of, or remote from the fixture.



Series	A"	B"	C"
LUCE-7ACTD	1.5"	9.4"	2.4"
	38mm	239mm	61mm

■ specifications: external

The **LUCE-7ACTD** 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-7ACTD	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-7ACTD emergency ballast uses a high-temperature nickel cadmium battery. Battery requires no maintenance, and has a life expectancy of 7 to 10 years (3.6V, 14.4 WH).

CIRCUIT: LUCE-7ACTD can be used with one 13 - 42W or two 13 - 39W (4-pin) twin, quad and triple twin-tube. It is also compatible with most 1, 2, 3, and 4-lamp electronic, standard, energy-saving and dimming AC ballasts. The LUCE-7ACTD 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-7ACTD comes standard in a 9.4" x 2.4" x 1.5" durable metal case with 2" painted-white steel with flexible conduit at each end.

■ emergency illumination

When AC power fails, The LUCE-7ACTD immediately switches to the emergency mode, operating one or two lamps at a high lumen output for a minimum of 90 minutes. When AC power is restored, The LUCE-7ACTD automatically returns to the charging mode. Depending on the number (one or two), wattage and type of lamps selected, the LUCE-7ACTD produces 300 to 750 lumens initial emergency light output. If two-lamp operation is selected, light output is evenly divided between the lamps for better distribution of emergency illumination.

■ UL and code compliance

The LUCE-7ACTD 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.

■ 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 7-10 Year Life Expectancy	3 years (NOT pro-rated)	

■ warranty

The LUCE-7ACTD series comes with a 3-year factory warranty. Deliberate damage, misuse, improper installation and/or application effectively cancel the warranty.

■ lamp selection

LUCE-7ACTD	No. of Lamps Operated	LUCE-7ACTD	
Lumen Output	1L: One Lamp 2L: One or Two Lamps	750	
Linear Fluorescent Lamps	T5 (W)	1L	21, 28
		2L	8, 14
	T5HO (W)	1L	39
		2L	-
	T8 (W)	1L	17 - 40
		2L	-
	T10 (W)	1L	17 - 40
		2L	-
	T12 (W)	1L	17 - 40
		2L	-
Compact Fluorescent Lamps	4-Pin CFL (W)	1L	18 - 42
		2L	13
	4-Pin Long CFL (W)	1L	24 - 40
		2L	18
	2-PinCFL (W)	1L	-
		2L	-
Special Fluorescent Lamps	T9 Circline CFL (W)	1L	20 - 40
		2L	-
	T8	1L	32, 40
		2L	-
	U-Bend (W)	1L	34,40
		2L	-

NOTE: Contact customer service for other lamp applications.