

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

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

- The **LUCE 3-TLP** thinline emergency ballast is designed to provide emergency illumination to existing or new fluorescent luminaires.

The **LUCE 3-TLP** consists of an internal nickel cadmium battery, charger and electronic circuit contained in a thinline steel housing.



- Installation:** The **LUCE 3-TLP** thinline emergency ballast does not effect the normal operation of a luminaire. Designed to be used with either switched or unswitched luminaires. If a switched luminaire is used, an unswitched hot lead must be connected to the **LUCE 3-TLP**.

- The **LUCE 3-TLP** must be fed from the same branch circuit as the AC ballast. The **LUCE 3-TLP** may be installed inside, on top or remote of the luminaire. Installation is not recommended with luminaires where the ambient temperature may fall below 0°C for extended periods.

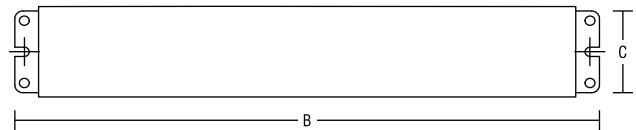
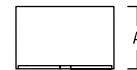
NOTE: 3 year warranty standard, see details on next page.

## ■ specifications: internal

The LUCE 3-TLP thinline emergency ballast utilizes a high temperature nickel cadmium battery, charger and electronic circuit. All components are contained within a low profile, compact steel housing that measures 14.5"L x 2.1"W x 1.1"H. A single, low voltage LED monitor / test switch is standard equipment. The LUCE 3-TLP is designed to operate for a minimum of 90 minutes and complies with the emergency standards set forth by the current NEC requirements. UL listed for installation inside, on top of, or remote from the luminaire. The LUCE 3-TLP may be mounted up to 50 feet away.

## ■ specifications: external

The LUCE 3-TLP 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 luminaire.



Series	A"	B"	C"
LUCE 3-TLP	1.1"	14.5"	2.1"
	28mm	368mm	53mm

## ■ ordering logic

Series	Description
LUCE 3-TLP	1400 lumens, 14W through 54W (2'-4') T5 and T8 single pin or bipin for one lamp, Instant Start and Rapid Start, 14W through 39W (2'-4') T5 and T8 single pin or bipin for two lamp, Instant Start and Rapid Start, 18W through 50W (4 -pin) long compact Rapid Start, or 32W (4 -pin) compact, 24W through 32W U-Bend FBT8 fluorescent lamps.

## ■ builder

Series
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## ■ specifications: electrical

**BATTERY:** The LUCE 3-TLP thinline emergency ballast uses a specially constructed, high-temperature nickel cadmium battery.

**CIRCUIT:** The LUCE 3-TLP thinline emergency ballast can be used with 14W through 54W (2'-4') T5 and T8 single pin or bipin for one lamp, Instant Start and Rapid Start, 14W through 39W (2'-4') T5 and T8 single pin or bipin for two lamp, Instant Start and Rapid Start, 18W through 50W (4 -pin) long compact Rapid Start, or 32W (4 -pin) compact, 24W through 32W U-Bend FBT8 fluorescent lamps with an initial output of up to 1400 lumens for one or two lamps. The LUCE 3-TLP is compatible with most electronic ballasts. Rated for use in damp location luminaires. The LUCE 3-TLP is not suitable for use in air handling heated air outlet luminaires, wet or hazardous rated luminaires. Please contact the factory for specific lamp and ballast compatibility. The LUCE 3-TLP features AC output to ensure compatibility with newer lamp technologies (low mercury, for example). This feature also helps in prolonging the lamp life. A standard three (3) second time delay prevents false tripping of the AC ballasts 'end of life' shut down circuitry.

## ■ specifications: mechanical

The LUCE 3-TLP features a 14.5" x 2.1" x 1.1" durable thinline steel housing and weighs 3.3 lbs.

## ■ emergency illumination

During AC power failure, the LUCE 3-TLP thinline immediately switches to the emergency mode, keeping one or two lamp(s) illuminated at a reduced lumen output for a minimum required 90 minutes. When AC is restored, the LUCE 3-TLP automatically returns to the charging mode. The integrated time delay feature delays AC ballast operation for three (3) seconds to prevent false tripping of the AC ballasts 'end of life' shut down circuitry. The LUCE 3-TLP thinline emergency ballast produces an initial 1400 lumens during emergency operation. Designed to operate one (1) or two (2) lamps for a period no less than 90 minutes. Lumen output is less when using a compact fluorescent lamp.

## ■ UL and code compliance

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

## ■ product summary

UL Listed	Dual Voltage Input	Test Switch/Charge Indicator	Temperature Rating (Ambient)
Damp Location Factory or Field installation	120/277VAC 60Hz	Low Voltage monitor LED and test switch	20°C TO + 50°C (68°F TO 122°F)
Illumination	Ac Input Current	Battery Charging Current	Weight
90 Minutes	180mA	160mA	3.3LBS (1.5 KG)
Initial Light Output	Ac Input Power Rating	Recharge Time	Operation Compatability
1400 Lumens	3.7 Watts	24 Hours	Electronic ballasts (not dimmable)
Dimensions	Battery	Full Warranty	
14.5"L x 2.1"W x 1.1"H (368.3mm x 53.34mm x 27.94mm) Mounting center 12.875"	6V / 2.5Ah High-temperature Maintenance-free Nickel Cadmium	3 years (NOT pro-rated)	