

Job/Location:

Contractor:  Job Type:

Prepared By:  Date:



## APPLICATION

The **LUCE-1TL** thinline emergency ballast can be used with one (1) 8W-34W T5, T8 or T12 fluorescent lamp (including rapid start, U-shape and circline) or one (1) 13W - 18W 4-pin compact fluorescent lamp (without integral starter). The **LUCE-1TL** is compatible with most electronic and dimming AC ballasts. Rated for use in damp location luminaires. The **LUCE-1TL** 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-1TL** 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.

## SPECIFICATION

The **LUCE-1TL** 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 10"L x 2"W x 1.1875"H. A single, low voltage LED monitor / test switch is standard equipment. The **LUCE-1TL** 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.

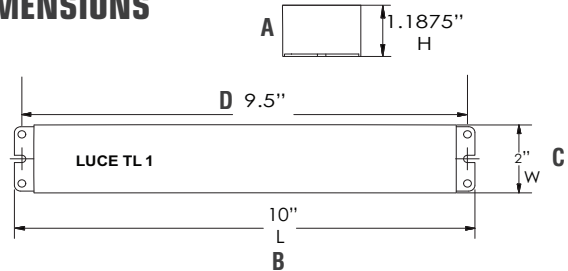
## ORDERING INFORMATION

Model	Description
LUCE-1TL	450 - 500 lumens, (1) 8W-34W T5, T8 or T12 fluorescent lamp (including rapid start, U-shape and circline) or (1) 13W - 18W 4-pin compact fluorescent lamp (without integral starter)

## PRODUCT OVERVIEW

The **LUCE-1TL** thinline emergency ballast is designed to provide emergency illumination to existing or new fluorescent luminaires. The **LUCE-1TL** consists of an internal nickel cadmium battery, charger and electronic circuit contained in a thinline steel housing.

## DIMENSIONS



Model	A	B	C	D
LUCE-1TL	1.1875" H	10" L	2"W	9.5"M
	33.3400mm	339.73mm	57.15mm	241.30mm

## OPERATION

During AC power failure, the **LUCE-1TL** thinline immediately switches to the emergency mode, keeping one lamp illuminated at a reduced lumen output for a minimum required 90 minutes. When AC is restored, the **LUCE-1TL** 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.

## WARRANTY

The **LUCE-1TL** thinline series features a 3-year factory warranty. Deliberate damage, misuse, improper installation and/or application effectively cancel the warranty.

**BATTERY**

The **LUCE-1TL** thinline emergency ballast uses a specially constructed, high-temperature nickel cadmium battery.

**EMERGENCY ILLUMINATION**

The **LUCE-1TL** thinline emergency ballast produces an initial 500 lumens during emergency operation. Designed to operate a single (1) lamp for a period no less than 90 minutes. Lumen output is less when using a compact fluorescent lamp.

**INSTALLATION**

The **LUCE-1TL** 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-1TL**. The **LUCE-1TL** must be fed from the same branch circuit as the AC ballast. The **LUCE-1TL** may be installed inside, on top or remote of the luminaire. Installation is not recommended with luminaires where the ambient temperature may fall below 0C for extended periods.

**UL AND CODE COMPLIANCE**

The **LUCE-1TL** 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.

**PRODUCT SUMMARY**

UL Listed	Dual Voltage Input	Test Switch / Charge Indicator	Temperature Rating (Ambient)
Damp Location Factory or Field installation	120/277 VAC 60Hz	Low Voltage monitor LED and test switch	0°C TO +50°C (32°F TO 122°F)
Illumination	Ac Input Current	Battery Charging Current	Weight
90 Minutes	130mA	110mA	1.4LBS (0.6 KG)
Initial Light Output	Ac Input Power Rating	Recharge Time	
450 - 500 LUMENS	3.0 Watts	24 Hours	
Dimensions	Battery	Full Warranty	
10”L x 2”W x 1.1875”H (254mm x 50.8mm x 30.16mm) Mounting center 9.5625”	4.8V / 2.0Ah High-temperature Maintenance-free Nickel Cadmium	3 years (NOT pro-rated)	

Job/Location:

Contractor:  Job Type:

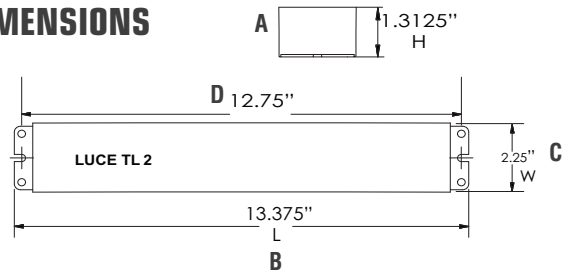
Prepared By:  Date:



## PRODUCT OVERVIEW

The **LUCE-2TL** thinline emergency ballast is designed to provide emergency illumination to existing or new fluorescent luminaires. The **LUCE-2TL** consists of an internal nickel cadmium battery, charger and electronic circuit contained in a thinline steel housing.

## DIMENSIONS



Model	A	B	C	D
LUCE-2TL	1.3125" H	13.375" L	2.25"W	12.75"M
	33.3400mm	339.73mm	57.15mm	323.50mm

## APPLICATION

The **LUCE-2TL** thinline emergency ballast can be used with one (1) 8W-40W T5, T8 or T12 fluorescent lamp (including rapid start, U-shape and circline) or one (1) 13W - 50W 4-pin compact fluorescent lamp (without integral starter). The **LUCE-2TL** is compatible with most electronic and dimming AC ballasts. Rated for use in damp location luminaires. The **LUCE-2TL** 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-2TL** 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.

## SPECIFICATION

The **LUCE-2TL** 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 13.375"L x 2.25"W x 1.3125"H. A single, low voltage LED monitor / test switch is standard equipment. The **LUCE-2TL** 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.

## OPERATION

During AC power failure, the **LUCE-2TL** thinline immediately switches to the emergency mode, keeping one lamp illuminated at a reduced lumen output for a minimum required 90 minutes. When AC is restored, the **LUCE-2TL** 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.

## WARRANTY

The **LUCE-2TL** thinline series features a 3-year factory warranty. Deliberate damage, misuse, improper installation and/or application effectively cancel the warranty.

## ORDERING INFORMATION

Model	Description
LUCE-2TL	700 lumens, (1) 8W-40W T5, T8 or T12 fluorescent lamp (including rapid start, U-shape and circline) or (1) 13W - 50W 4-pin compact fluorescent lamp (without integral starter)

**BATTERY**

The **LUCE-2TL** thinline emergency ballast uses a specially constructed, high-temperature nickel cadmium battery.

**EMERGENCY ILLUMINATION**

The **LUCE-2TL** thinline emergency ballast produces an initial 700 lumens during emergency operation. Designed to operate a single (1) lamp for a period no less than 90 minutes. Lumen output is less when using a compact fluorescent lamp.

**INSTALLATION**

The **LUCE-2TL** 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-2TL**. The **LUCE-2TL** must be fed from the same branch circuit as the AC ballast. The **LUCE-2TL** may be installed inside, on top or remote of the luminaire. Installation is not recommended with luminaires where the ambient temperature may fall below 0C for extended periods.

**UL AND CODE COMPLIANCE**

The **LUCE-2TL** 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.

**PRODUCT SUMMARY**

UL Listed	Dual Voltage Input	Test Switch / Charge Indicator	Temperature Rating (Ambient)
Damp Location Factory or Field installation	120/277 VAC 60Hz	Low Voltage monitor LED and test switch	0°C TO +50°C (32°F TO 122°F)
Illumination	Ac Input Current	Battery Charging Current	Weight
90 Minutes	180mA	160mA	2.0LBS (0.9 KG)
Initial Light Output	Ac Input Power Rating	Recharge Time	
700 LUMENS	2.7 Watts	24 Hours	
Dimensions		Battery	Full Warranty
13.375”L x 2.25”W x 1.3125”H (339.73mm x 57.15mm x 33.3400mm) Mounting center 12.875”		6V / 2.5Ah High-temperature Maintenance-free Nickel Cadmium	3 years (NOT pro-rated)

Job/Location:

Contractor:  Job Type:

Prepared By:  Date:



## APPLICATION

The **LUCE-3TL** thinline emergency ballast can be used with one (1) or two (2) 17W-40W T5, T8 or T12 fluorescent lamp(s) (including rapid start, U-shape and circline) or one (1) or two (2) 13W - 50W 4-pin compact fluorescent lamp(s) (without integral starter). The **LUCE-3TL** is compatible with most electronic and dimming AC ballasts. Rated for use in damp location luminaires. The **LUCE-3TL** 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-3TL** 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.

## SPECIFICATION

The **LUCE-3TL** 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 14.25"L x 2.0625"W x 1.1875"H. A single, low voltage LED monitor / test switch is standard equipment. The **LUCE-3TL** 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.

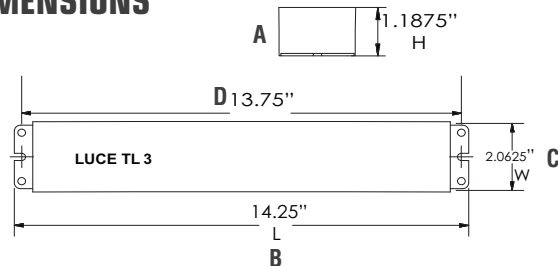
## ORDERING INFORMATION

Model	Description
LUCE-3TL	1400 lumens, one (1) or two (2) 17W-40W T5, T8 or T12 fluorescent lamp(s) (including rapid start, U-shape and circline) or one (1) or two (2) 13W - 50W 4-pin compact fluorescent lamp(s) (without integral starter)

## PRODUCT OVERVIEW

The **LUCE-3TL** thinline emergency ballast is designed to provide emergency illumination to existing or new fluorescent luminaires. The **LUCE-3TL** consists of an internal nickel cadmium battery, charger and electronic circuit contained in a thinline steel housing.

## DIMENSIONS



Model	A	B	C	D
LUCE-3TL	1.1875" H	14.25" L	2.0625" W	13.75" M
	30.163mm	361.95mm	52.388mm	349.25mm

## OPERATION

During AC power failure, the **LUCE-3TL** 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-3TL** 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.

## WARRANTY

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

**BATTERY**

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

**EMERGENCY ILLUMINATION**

The **LUCE-3TL** 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.

**INSTALLATION**

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

**UL AND CODE COMPLIANCE**

The **LUCE-3TL** 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.

**PRODUCT SUMMARY**

UL Listed	Dual Voltage Input	Test Switch / Charge Indicator	Temperature Rating (Ambient)
Damp Location Factory or Field installation	120/277 VAC 60Hz	Low Voltage monitor LED and test switch	0°C TO +50°C (32°F TO 122°F)
Illumination	Ac Input Current	Battery Charging Current	Weight
90 Minutes	180mA	160mA	2.0LBS (0.9 KG)
Initial Light Output	Ac Input Power Rating	Recharge Time	
1400 LUMENS	2.7 Watts	24 Hours	
Dimensions	Battery	Full Warranty	
14.25”x L 2.0625”x W 1.1875”x H (361.95mm x 52.388mm x 30.163mm) Mounting center 12.875”	6V / 2.5Ah High-temperature Maintenance-free Nickel Cadmium	3 years (NOT pro-rated)	