

## UNIVERSAL PL LED INSTALLATION INSTRUCTIONS



These instructions apply to the PL LED models listed in the table below.

Prior to installation, please read the entire installation instructions.

**DANGER** - Risk of Electric shock. Disconnect power to the luminaire at the source before installation.

**WARNING** - Risk of Fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician. Installation should be performed by a qualified electrician in accordance with the National Electrical Code and relevant local code.

**WARNING** - Risk of fire or electrical shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating does not exceed the input rating of the luminaire.

**WARNING** - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

**CAUTION** - If the lamp or luminaire exhibits undesirable operation, immediately turn off the power, remove the lamp and contact the manufacturer.

**This device is not intended for use with Emergency Exits**

Suitable for use in damp locations. Do not use where exposed to water.

Suitable for use with 120-277VAC or compatible electronic ballast. Please see list below.

Suitable for use in open, semi-enclosed or recessed fixtures.



## INSTALLATION REQUIREMENTS

Model	Voltage	Ballast Compatibility	Base Type	Environment	Acceptable Fixtures	Minimum Compartment Dims.	
						Diameter	Height
LED-7320-XXK-G2	120-277VAC	See list below.	G24q and GX24q	Suitable for damp locations	Indoor - Open Fixture Indoor Recessed	3.5"	7.0"
LED-7324-XXK-G2							

### CONTENTS

1 pc LED Retrofit Lamp

1 pc Re-Lamping Label

1 pc Installation Instructions

### INSTALLATION INSTRUCTIONS

- 1.) Turn off power to the luminaire at switch and circuit breaker
- 2.) Allow luminaire to cool and remove lamps
- 3.) Ensure that the luminaire, ballast and electrical input meet the requirements listed above.

- 4.) If using the ballast, please confirm that it is a compatible ballast and then proceed to step 9.

The compatible ballast list only lists ballasts that were tested. Other ballasts may also work. Do not use with ballast over 26W.

- 5.) If bypassing the ballast, please refer to the wiring diagrams.

- 6.) Cut or disconnect the wires to and from the ballast.

- 7.) If desired, remove the ballast.

- 8.) Connect the wires from the power source to the socket leads as shown in the wiring diagrams.

- 9.) Insert the lamp into the lamp holder.

- 10.) Apply the silver adhesive label to the inside of the luminaire where it will be visible during re-lamping.

- 11.) Turn on the power to the fixture and verify proper operation.

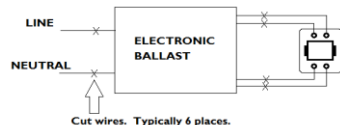
If installing the lamp with a ballast, and the lamp does not operate properly, please bypass the ballast (see step 5)

If the lamp does not operate correctly, please contact the manufacturer.

### WIRING DIAGRAM AND BALLAST COMPATIBILITY LIST

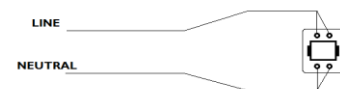
#### Wiring Diagram - 4 PIN Ballast Bypass. Single Lamp.

Disconnect existing Ballast. Either disconnect or cut wires as shown:



Cut wires. Typically 6 places.

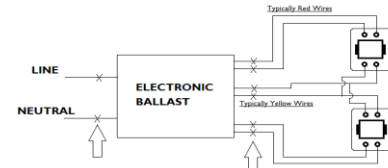
Connect Lamp to line voltage as shown below.



Note: lamp is not polarity sensitive. Line and Neutral can be connected to either pair of pins.

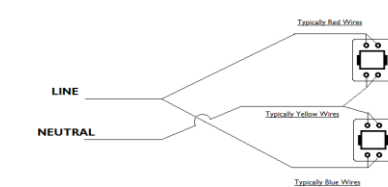
#### Wiring Diagram - 4 PIN Ballast Bypass. Two Lamp.

Disconnect existing Ballast. Either disconnect or cut wires as shown:



Cut wires. Typically 8 places

Connect Lamp to line voltage as shown below.



Note: lamp is not polarity sensitive. Line and Neutral can be connected to either pair of pins.

### Ballast Compatibility List

Brand	Model	Volt	1-Lamp		2-Lamp	
			120V	277V	120V	277V
GE	GEC218-MVPS-3W	120-277V	✓	✓	✓	✓
GE	GEC226-MVPS-3W	120-277V	✓	✓	✓	✓
PHILIPS/ADVANCE	ICF-2S18-H1-LD	120-277V	✓	✓	✗	✗
PHILIPS/ADVANCE	ICF-2S26-H1-LD	120-277V	✓	✓	✗	✗
PHILIPS/ADVANCE	ICF-2S42-M2-LD	120-277V	✓	✓	✗	✗
Universal/Triad	C218UNVSE	120-277V	✓	✓	✓	✓
Universal/Triad	C213UNVME	120-277V	✓	✓	✓	✓
Universal/Triad	C2642UNVME	120-277V	✓	✓	✓	✓
OSRAM	2*26CF/UNV DM(OSRAM)	120-277V	✓	✓	✓	✓
SYLVANIA	2*26CF/UNV DM(SYLVANIA)	120-277V	✓	✓	✓	✓
FULHAM	WH2-277-L	120-277V	✗	✗	✗	✗
HATCH	HC213PS/UV/D	120-277V	✓	✗	✗	✗
HATCH	HC218PS/UV/WJ	120-277V	✓	✓	✓	✓
HATCH	HC218PS/UV/D	120-277V	✓	✓	✓	✓
KEYSTONE	KTEB-226-UV-PS-DW	120-277V	✓	✓	✓	✓
PONY	NPY-120-126CFL	120V	✗	✗	✗	✗
			✓	= compatible		
			✗	= not compatible		