

## LED SOX LAMP INSTALLATION INSTRUCTIONS

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

**CAUTION** - These LED retrofits are designed to operate on line voltage. Ballast must be bypassed prior to 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.



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

**WARNING** - Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

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

This device is not intended for use with Emergency Exits.

- Prior to installation, please read the entire installation instructions.
- This product must be installed in accordance with the installation instructions.
- Suitable for damp locations. Do not use where exposed to water.
- Do not attempt to open or modify the lamps in any way.
- Not for use in environments where explosive or corrosive gases are present.
- The bayonet base can be damaged due to rough or improper handling. Please be careful when handling and installing these lamps, as the warranty does not cover physical damage.

### INSTALLATION REQUIREMENTS

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Model	Input Voltage	Base	Fixture Type	Minimum Compartment Diameter (inch)	Minimum Compartment Length (inch)
Models					
LED-8100-XXK	120-277VAC	B22 Bayonet	Fully Enclosed Fixture.	5"	14"
LED-8101-XXK	120-277VAC	B22 Bayonet		5"	19"
LED-8102-XXK	120-277VAC	B22 Bayonet		5"	23"
LED-8104-XXK	120-277VAC	B22 Bayonet		5"	46"

- 1 pc LED Retrofit lamp
- 1 pc Installation Instruction Sheet
- 1 pc Re-lamping Label
- 1 pc Cable tie (support harness)
- 1 pc Sheet Metal Screw

### INSTALLATION INSTRUCTIONS

- 1.) Turn off power to the luminaire at switch and circuit breaker. Allow luminaire to cool before proceeding.
- 2.) Ensure that the luminaire and electrical inputs meet the requirements in the table. The lamp is designed to be installed outdoors, in an enclosed fixture.
- 3.) If a ballast is present it must be bypassed. If desired it may be removed. Please refer to the wiring diagram below. Disconnect or cut the wires to and from the ballast. Connect the line and neutral wires to the socket leads as shown in the wiring diagram. If a neutral is not available, it may be connected line to line.
- 4.) The base of the lamp is not designed to support the lamp. Please use the existing brackets or clips to bear the weight of the lamp.
- 5.) Use the Cable tie (Support Harness) to support the lamp using the eyelet at the end of the lamp. Screw the cable tie to the reflector using the sheet metal screw.
- 6.) Position the lamp so that the base is ready to be engaged, and ensure that the lamp will be supported by the bracket and support harness.
- 7.) Engage the base into the lamp holder, by inserting, and then turning slightly to lock it into place.
- 8.) Rotate the lamp so that it is facing the desired direction. (If there is not enough rotation, remove base from lamp holder, turn 180 degrees and reinstall.)
- 9.) Tighten one of the locking screws near the base to prevent rotation after installation.
- 10.) Apply label to the inside of the luminaire where it will be visible during re-lamping.
- 11.) Reassemble fixture so that lamp is protected from water and bugs.

If the device does not operate properly, shut off power and contact the manufacturer.

#### Wiring Diagram

