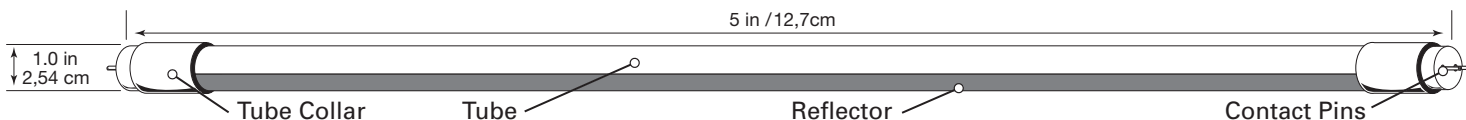


18W LED 4 ft. T8 REPLACEMENT TUBE



Compatible with existing T8 fluorescent fixtures.

PACKAGE CONTENTS



LED Facts:

Lumens: 2000
 Color temperature: 4000K
 Beam Angle: 180°
 Efficacy (Lumen Per Watt) 111
 Voltage: 120-227V
 Rated Watts: 18W
 Replaces: 48 in. Fluorescent T8 Bulbs.
 LED Life: 50,000 hours
 Operating Temperature: -4°F to 122°F (-20°C to 50°C)

DO NOT USE WITH DIMMERS

THIS LAMP IS NOT SUITABLE FOR USE WITH ANY TYPE OF DIMMER.
 Using this lamp with a dimmer of any kind will void the warranty.

CUSTOMER SERVICE

For questions regarding this product, please contact us at
303.652.6164, M-F 7am -4pm MT or e-mail us at
info@stonepointledlighting.com.

WARNINGS

WARNING: TO AVOID ELECTRIC SHOCK, DISCONNECT POWER BEFORE INSTALLING

WARNING: This product may represent a possible shock or fire hazard if improperly installed or mounted. Products should be installed following these instructions, local electrical codes and/or the current National Electric Code (NEC).

WARNING: Lamp rated for environment temperatures ranging from -4°F to 122°F (-20°C to 50°C). The input voltage and lamp should be matched after connecting the power, please make sure the wiring section is insulated.

WARNING: This product needs to be grounded properly in a manner consistent with local electrical codes and/or the current National Electric Code (NEC). If the installer does not understand basic wiring or how to properly ground the fixture please consult a qualified electrician.

WARNING: Do **NOT** look directly at LED light sources.

WARNING: Do not use this tube with emergency exits.

WARNING: Direct replacement only. Not intended for Type B ballasts.

The user is cautioned that any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that the interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that of the receiver. Consult the dealer or an experienced radio/TV technician for help.

WARNING: LEDs are semiconductors and can be damaged by Electro Static Discharge (ESD)(static electric shock). It is recommended that before installation, the installer discharge themselves by touching a grounded bare metal surface to remove this hazard.

SAFETY AND PRECAUTIONS

- Do not use where exposed to water or outdoors without a waterproof enclosed luminaire.
- Do **NOT** look directly at LED light sources.
- The LED modules used in this fixture are not serviceable.
- Do **NOT** use in locations with humidity over 85%.
- Do **NOT** install this LED tube inside of undersized enclosures.
- Turn power off prior to servicing fixture.
- Do **NOT** leave bare wires exposed outside of the electrical connections.
- Electrical requirements can be found on lamp.
- Replace loose or damaged lamp holders prior to installation.
- Use only in place of T8 Fluorescent bulbs.
- Prior to installing on a large scale, test a single fixture with the T8-2000 tubes to verify compatibility.
- If undesirable operating occurs (buzzing, humming, flickering, etc.) discontinue use.

This fixture is IP20 rated and therefore is suitable for dry indoor locations only.

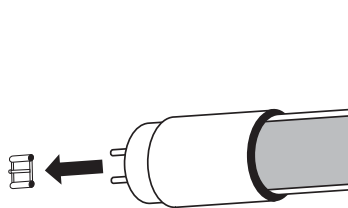
INSTALLATION INSTRUCTIONS

Before starting work to install the lamp, shut off power supply at the circuit breaker panel to avoid electrical shock. If the model number of the ballast in the fixture does not appear on the following list, it does not necessarily mean the ballast is not compatible with the T8-2000 replacement tube, it means it has not been tested at this time.

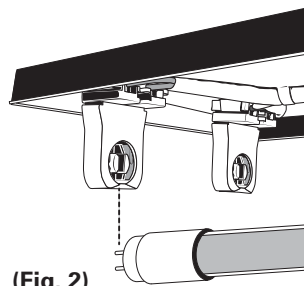
BALLAST COMPATIBILITY LIST

Manufacturer	Model Number	Manufacturer	Model Number	Manufacturer	Model Number
ADVANCE	VEL-2P32-SC	GENERAL ELECTRIC	GE232-MV-N	OSRAM SYLVANIA	QHE2X32T8/UNV-PSN-MC
ACT	ACT4P32ISUNV	GENERAL ELECTRIC	GE232-MV-PS-H	OSRAM SYLVANIA	QHE 3x32T8/UNVISN-SC-1
Damar	1688B	GENERAL ELECTRIC	GE232-MVPS-L	PHILIPS-ADVANCE	ICN-1P32-N
Damar	1688D	GENERAL ELECTRIC	GE232-MVPS-N	PHILIPS-ADVANCE	ICN-2P32-N
Damar	3654C	GENERAL ELECTRIC	GE259MAX-G-N	PHILIPS-ADVANCE	ICN-2P32-N
EIKO	PM-2X32T8-UNV-IS	GENERAL ELECTRIC	GE332-120-N	PHILIPS-ADVANCE	IOP-2P32-N
EIKO	PM-3X32T8-UNV-IS	GENERAL ELECTRIC	GE332MAX-G-N	PHILIPS-ADVANCE	IOP-3P32-N
EIKO	PM-3X32T8-UNV-IS-H	GENERAL ELECTRIC	GE332MAX-G-L	PHILIPS-ADVANCE	IOP-4P32-N
EIKO	PM-4X32T8-UNV-IS	GENERAL ELECTRIC	GE332MAX-G-N-DIYB	PHILIPS-ADVANCE	IOP-4PSP32-LW-SC
ESPEN	VE2P32MVHIPE	GENERAL ELECTRIC	GE332-MAX-H/ULTRA	PHILIPS-ADVANCE	IOPA-1P32-N
ESPEN	VE2P32MVHIPHE	GENERAL ELECTRIC	GE332-MAXP-L/ULTRA	PHILIPS-ADVANCE	IOPA-2P32-N
ESPEN	VE2P32MVHIPL	GENERAL ELECTRIC	GE332MVPS-XL	PHILIPS-ADVANCE	IOPA-3P32-LW-N
ESPEN	VE2P32MVHPPE	GENERAL ELECTRIC	GE432-120-RES	PHILIPS-ADVANCE	IOPA-3P32-LW-N
ESPEN	VE3P32MVHIPE	GENERAL ELECTRIC	GE432-120RES-B	PHILIPS-ADVANCE	IOPA-3P32-N
ESPEN	VE3P32MVHIPHE	GENERAL ELECTRIC	GE432-120RESDIYB	PHILIPS-ADVANCE	IOPA-3P32-N
ESPEN	VE3P32MVHIPL	GENERAL ELECTRIC	GE432MAXG-N-DIYL	PHILIPS-ADVANCE	IOPA-4P32-N
ESPEN	VE3P32MVHPPE	GENERAL ELECTRIC	GE432MAX-L/ULTRA	PHILIPS-ADVANCE	REB-2P32-N
ESPEN	VE3P32MVHPPE	GENERAL ELECTRIC	GE432MAXP-H/ULTRA	PHILIPS-ADVANCE	REB-4P32-SC
ESPEN	VE4P32MVHIPE	GENERAL ELECTRIC	GEM120TC120/2-DIY	TCP	E3P32ISUNVE
ESPEN	VE4P32MVHIPHE	Halco	EP232IS/MV/HE	TCP	E4P32ISUNVE
ESPEN	VE4P32MVHIPL	Halco	E432IS/120/R/MC	TCP	E4P32ISUNVHE
ESPEN	VE4P32MVHPPE	Halco	EP332IS/L/MV/HE	UNIVERSAL LIGHTING TECHNOLOGIES	B2321UNVEL-A
GENERAL ELECTRIC	GE332MAXP-N/ULTRA	Halco	EP332IS/MV/HE	UNIVERSAL LIGHTING TECHNOLOGIES	B2321UNVEL-N
GENERAL ELECTRIC	GE 432MAXP-H/ULTRA	Halco	EP432IS/L/MV/HE	UNIVERSAL LIGHTING TECHNOLOGIES	B2321UNVHE-A
GENERAL ELECTRIC	GE 432MAXP-L/ULTRA	HOWARD INDUSTRIES	EP2/32IS/MV/MC/HE	UNIVERSAL LIGHTING TECHNOLOGIES	B2321UNVHP-N
GENERAL ELECTRIC	GE132MAX-H/Ultra	HOWARD INDUSTRIES	EP3/32IS/MV/MC/HE	UNIVERSAL LIGHTING TECHNOLOGIES	B2321UNVHP-N
GENERAL ELECTRIC	GE132MAX-L/Ultra	HOWARD INDUSTRIES	EP4/32IS/MV/MC/HE	UNIVERSAL LIGHTING TECHNOLOGIES	B232PUNVHE-B
GENERAL ELECTRIC	GE132MAX-N/Ultra	HOWARD INDUSTRIES	EPH4/32IS/MV/SC/HE	UNIVERSAL LIGHTING TECHNOLOGIES	B3321UNVHE-A
GENERAL ELECTRIC	GE132MAXP-L/ULTRA	HOWARD INDUSTRIES	EPL2/32IS/MV/MC/HE	UNIVERSAL LIGHTING TECHNOLOGIES	B3321UNVHP-A
GENERAL ELECTRIC	GE232-120RES-B	HOWARD INDUSTRIES	EPL3/32IS/MV/SC/HE	UNIVERSAL LIGHTING TECHNOLOGIES	B432PUNVHE-A
GENERAL ELECTRIC	GE232MAX-G-N	HOWARD INDUSTRIES	EPL4/32IS/MV/MC/HE	UNIVERSAL LIGHTING TECHNOLOGIES	
GENERAL ELECTRIC	GE232MAX-G-N-DIYB	KEYSTONE	KTEB-332-UV-IS-N-P	UNIVERSAL LIGHTING TECHNOLOGIES	
GENERAL ELECTRIC	GE232MAX-H/AMP	OSRAM SYLVANIA	QHE 1x32T8-UNV ISN-SC-1	UNIVERSAL LIGHTING TECHNOLOGIES	
GENERAL ELECTRIC	GE232MAX-H/ULTRA	OSRAM SYLVANIA	QHE4X32T8/UNV ISN-SC	UNIVERSAL LIGHTING TECHNOLOGIES	
GENERAL ELECTRIC	GE232MAX-L/ULTRA	OSRAM SYLVANIA	QHE 4*32T8/UNV/ PSX-SC	UNIVERSAL LIGHTING TECHNOLOGIES	
GENERAL ELECTRIC	GE232MAX-N/ULTRA	OSRAM SYLVANIA	QHE 4x32T8/UNV ISN-HT-1	UNIVERSAL LIGHTING TECHNOLOGIES	
GENERAL ELECTRIC	GE232MAX-N/ULTRA	OSRAM SYLVANIA	QHE2X32T8/UNV-ISN-SC		

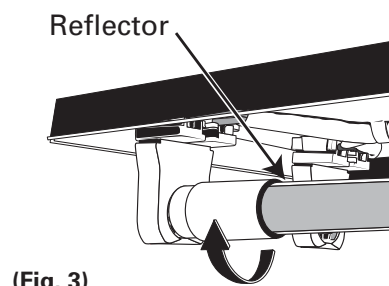
1. Disconnect power prior to retrofitting with T8-2000 tube.
2. Remove diffuser (if applicable) and all T8 Fluorescent bulb(s). Dispose of bulbs in accordance to federal or state laws.
3. Remove contact pin protectors from each end (Fig. 1).
4. Align the contact pins of the T8-2000 tube and install the bulb into the lamp holders sockets at both ends of the light (Fig. 2).
5. Roll the tube with the reflector side facing toward the fixture pan into place inside the sockets until full contact is made between the contact pins and the contacts within the sockets (Fig. 3).
6. Reattach diffuser (if applicable). Restore power.



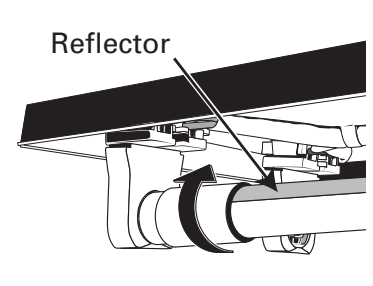
(Fig. 1)



(Fig. 2)



(Fig. 3)



3 YEAR LIMITED WARRANTY

This product is guaranteed against failure due to factory defects in materials or workmanship for three (3) years from the date of purchase. This warranty is non-transferable and applies only to the original owner. Proof of purchase is required for repair or replacement. This warranty does not cover normal wear of parts or damage resulting from any misuse of the product. Misuse of the product includes, but is not limited to: washing the product, using in extreme weather conditions, opening the product, or trying to remodel the product. Important: this warranty is only valid if the product has been purchased through an authorized reseller.