



GT-Lite
Complete LED Lighting Solutions

WARNING:
TO AVOID RISK OF ELECTRICAL SHOCK,
SHUT OFF POWER BEFORE
INSTALLING OR SERVICING THIS FIXTURE

Assembly & Installation: GT-2PK-T8-SLH | T8 LED Bulb (2pk) Ballast Bypass

WARNING



- When using product, basic precautions should always be followed.
- Read and follow these instructions and heed all warnings.
- Carefully read and understand the information given in this manual before beginning installation. Failure to do so could lead to electric shock, fire, or other injuries which could be hazardous or even fatal.
- Save these instructions and warnings.

CAUTION



Compatible With:

SHUNTED
LAMPHOLDER



NON-SHUNTED
LAMPHOLDER



IF NOT QUALIFIED DO NOT ATTEMPT INSTALLATION

- Contact a certified electrician to install these bulbs if you are not properly qualified.

Risk of Electric Shock or Fire

- Risk of Electric Shock or is present when working with electrical components.
- Do not drill holes in the fixture that could affect the internal wiring.

Prevent Electric Wire Abrasions

- Do not expose wiring to edges of the fixture or other sharp objects. This can cause abrasion and damage the wiring, greatly increasing risk of electrical shock or fire.

Fixture Compatibility

- These bulbs are should only be installed in properly bypassed 48" T8 fixtures
- This bulb is only compatible with ballast bypass fixtures. The bulb will not operate correctly with any ballast.
- This lamp can be used with shunted and non-shunted lamp holders, but requires different wiring schematics for each type of lampholder
- It is your responsibility to ensure that your fixture has been properly wired for this bulb.

If you are unsure, contact a qualified electrician or contact manufacturer.

Question/Comment/Missing Part?

Contact GT-Lite 1-800-865-6799
www.GTLEDLIGHTING.com



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KIT INCLUDES:

- Installation Booklet
- (2) T8 Ballast Bypass Bulbs

CAUTION



- If the lamp or luminaire exhibits undesirable operation (buzzing, flickering, etc.) immediately turn off power, remove lamp from the luminaire, and contact manufacturer.
- Risk of fire. Perform a visual inspection to ensure lampholders are not damaged or loose before installing and turning on this lamp.
- If lamp does not light when the luminaire is energized, remove lamp from luminaire and contact lamp manufacturer or qualified electrician.
- Reliable operating temperature: -4°F to +113°F (-20°C to +45°C).
- These devices are not intended for use with emergency exit lights.
- This product may cause interference to radio equipment and should not be installed near maritime safety communications equipment or other critical navigation or communication equipment operating between 0.45 - 30MHZ.

BULB INSTALLATION INSTRUCTIONS:

1. TURN OFF POWER AT THE BREAKER OR FUSE PANEL.

TURNING OFF POWER AT THE WALL SWITCH IS NOT A SUFFICIENT SAFETY PRECAUTION

2. Double check the rating of the lamp (120-277VAC) matches the voltage of the current circuit
3. Check to see if the fixture is compatible with the bulbs. (Ballast Bypass, Shunted/Non-Shunted).
4. Check all wires for proper connection with no loose ends.
4. If Ballast is already bypassed, move on to step 5.

If ballast is not bypassed, see Diagrams 1, 2, & 3 and follow instructions on the following page.

5. Take out old bulbs
6. Install GT-2PK-T8-SLH bulbs into the new fixture
7. Turn Power back on and turn fixture on. If bulbs do not turn on, disconnect power from fixture and proceed to troubleshooting section.

DIAGRAM 1



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BALLAST BYPASS RETROFIT INSTRUCTIONS:

1. **TURN OFF POWER AT THE BREAKER OR FUSE PANEL.**
TURNING OFF POWER AT THE WALL SWITCH IS NOT SUFFICIENT SAFETY PRECAUTION
2. Double check the rating of the lamp (120-277VAC) matches the voltage of the current circuit
3. Check to see if the fixture has shunted, or non-shunted lampholders
4. Take out old bulbs and remove the ballast cover
5. Disconnect all wires attached to the ballast as close to the ballast as possible. It is best practice to leave the ballasts in place after doing this.
6. For Non-Shunted Lampholders:
 - Connect one wire from each lampholder at only one end of the fixture to the back wire. Separately connect the neutral wire (white) to the lampholder after.
 - At the opposite end of the fixture cut all wires that connect to that lampholder.
 - ENSURE THIS FIXTURE REMAINS GROUNDED AFTER THE RETROFIT PROCESS.
7. For Shunted Lampholders:
 - Connect one black wire to one lamp holder on one side of the light. Connect the neutral (white) wire to a lamp holder on the opposite side of light. Do this for each bulb in light fixture.
8. Replace any removed wiring covers or ballast covers.
9. Install GT-2PK-T8-SLH bulbs into the new fixture

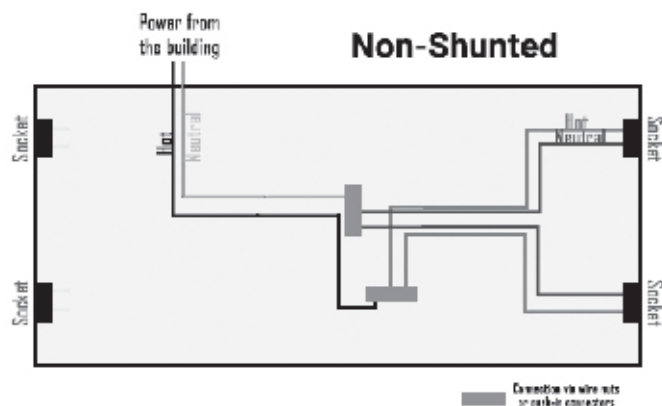
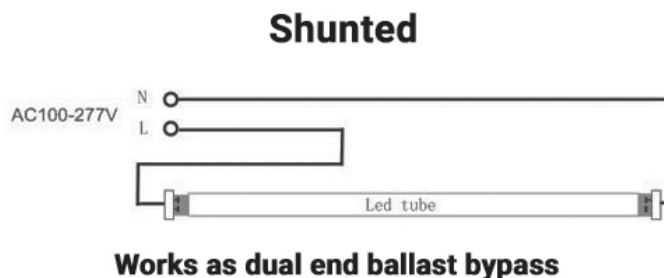


DIAGRAM 2



Question/Comment/Missing Part?

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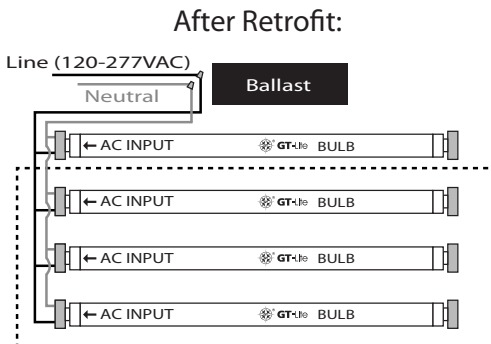
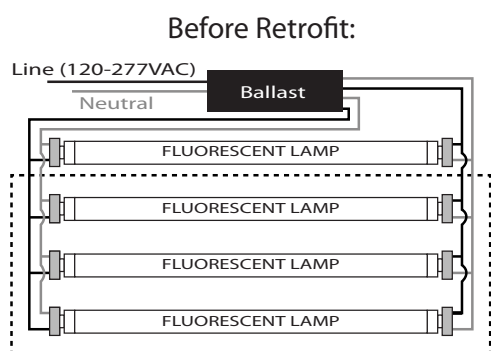
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DIAGRAM 3



TROUBLESHOOTING:

DIAGRAM 4

Symptom	Cause	Remedy
No Light from LED tubes when powered on	Fixture wired improperly or loose connections exist	<input type="checkbox"/> Go back over instructions provided in this booklet <input type="checkbox"/> Check wire-nuts to make sure connection is strong <input type="checkbox"/> Check lampholders at powered end of the fixture to make sure that both bulb pins are receiving power.
	Faulty LED Tube	Contact GT Industrial Products at 1-800-865-6799
Circuit Breaker detects a fault condition when light switch turned on	Fixture Wired Improperly	<input type="checkbox"/> Go back over instructions provided in this booklet <input type="checkbox"/> Check wire-nuts to make sure connection is strong <input type="checkbox"/> Check to make sure your fixture is wired in accordance to its lampholders.
Only part of the LED tube is lighting up	Faulty LED tube	Contact GT Industrial Products at 1-800-865-6799
All Other Issues	NA	Contact GT Industrial Products at 1-800-865-6799

EYES



- Do not look directly at the LED lights for any length of time.
- Do not remove protective lens covering LED lights.



GT-Lite Limited Warranty: This product is guaranteed against failure due to factory defects in material and workmanship for 1 year from the date of purchase. Warranty is non-transferable and applies only to the original owner. Warranty is based on 3 hours per day/7 days per week average when product is used as directed only. Warranty does not cover normal wear and tear of parts, or damage resulting from misuse of the product (i.e. using in extreme weather, alterations made to product, neglect, or abuse). For refund or replacement, call GT-Lite at: 1-800-865-6799 or submit the form at <http://gtledlighting.com/contact-us/>. Owner must provide proof of purchase and return lamp to GT-Lite to be considered for replacement or refund of original purchase price. REPLACEMENT OR REFUND IS YOUR SOLE REMEDY, EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW. ANY IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES IS HEREBY EXPRESSLY EXCLUDED. Some states do not allow exclusion of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

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