

| |
|---------------------|
| Project Name: _____ |
| Date: _____ |
| Note: _____ |

4FT T8 LED Tube Type A+B



Application: Supermarket, office, shopping mall, hotel, hospital, school, showroom, and more commercial and industrial applications.

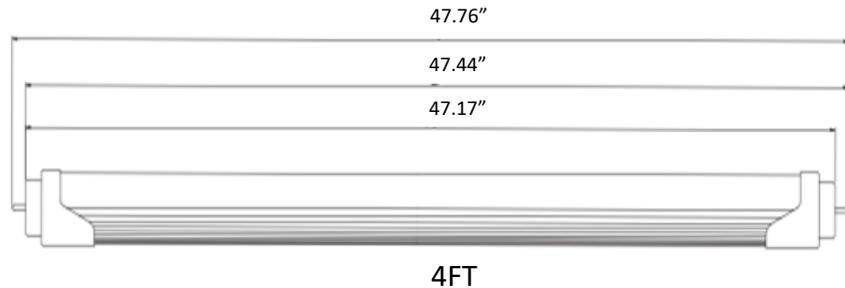
| Specification | |
|------------------------------|--|
| Model NO. | T8-4FT-22W-CCT-AB |
| Power | AC120-277V |
| Input Voltage | 12W/15W/18W/20W/22W |
| Luminous Flux | 2640lm |
| CRI | >80 |
| Power Factor | >0.9 |
| CCT | 3500K-4000K-5000K-5700K-6500K |
| Beam Angel | >140° |
| Cover | Clear / Frosted |
| THD | <20% |
| IP Rating | IP20 |
| Operating Temperature | -4°F~+113°F / -20°~+45° |
| Dimmable | Yes |
| Lifespan | Maintains at least 70% light output for up to 50,000 hours |

Feature

The Type A+B tube is a highly adaptable lighting solution that accommodates both traditional and modern lighting systems. This dual-mode tube can operate with or without a ballast, providing exceptional flexibility for various installation needs.

- **Type A (Plug and Play):** Installs easily in existing fixtures with ballasts. This mode allows for a straightforward upgrade from traditional fluorescent tubes.
- **Type B (Bypass):** Designed for fixtures where the ballast is bypassed or removed. This mode enhances compatibility and simplifies maintenance by eliminating ballast-related issues.
- **5 CCT x 5 Watt Selectable, 25-in-1 configuration:** This low-wattage option is ideal for applications where energy efficiency and lower power consumption are priorities. Five distinct color temperatures to match various lighting needs:
- **Aluminum & Plastic Housing:** ensures reliable performance and durability

Dimensions



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Ordering Guide

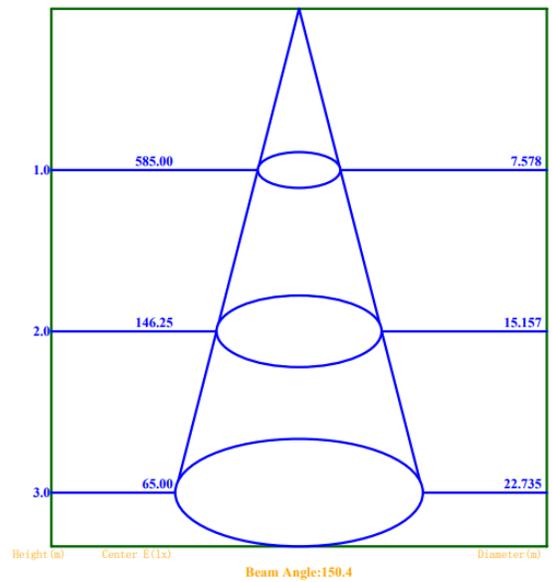
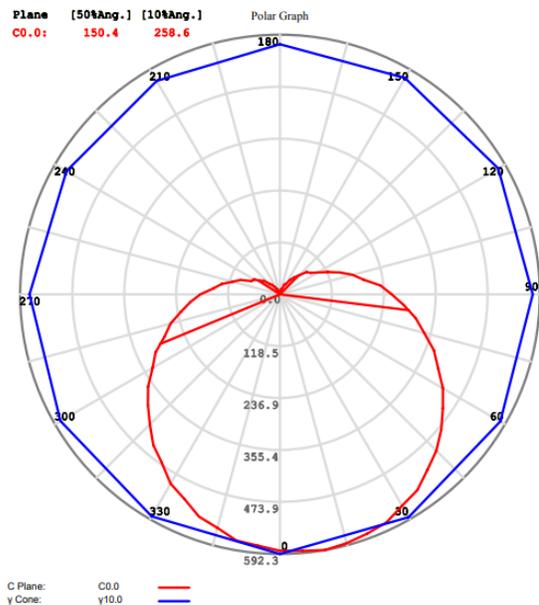
| Company Code | Product | Material | Length | Watt | Wiring | CCT |
|--------------|---------------------------|------------------|--------|-------------------------|---------------------------------------|-----------------------------------|
| | T8: 4FT A+B Tube, Frosted | Aluminum-plastic | 48" | 12W-15W-18W -20W-22W | A+B Hybrid with or without ballast | 3500K-4000K-5000K -5700K-6500K |

Package

| | |
|-----------------------|---|
| Model No | T8-4FT-5W5CCT-HY |
| Size | 4FT |
| QTY/PACK | 25PCS |
| Package Size | 1250x 195x 215mm 49.2" x 7.7" x 8.5" |
| Package Weight | 6.75kg/14.9lbs |
| Package CBM | 0.0524 |
| 40HQ Capacity | 31350 |

Photometric Report

4ft 5000K 18W 2250LM



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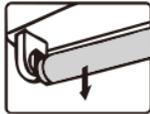
Installation Guide:



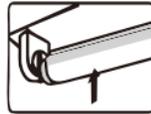
1. Turn Off The Power



2. Fluorescent



3. Fluorescent



4. LED T8 Instant Fit



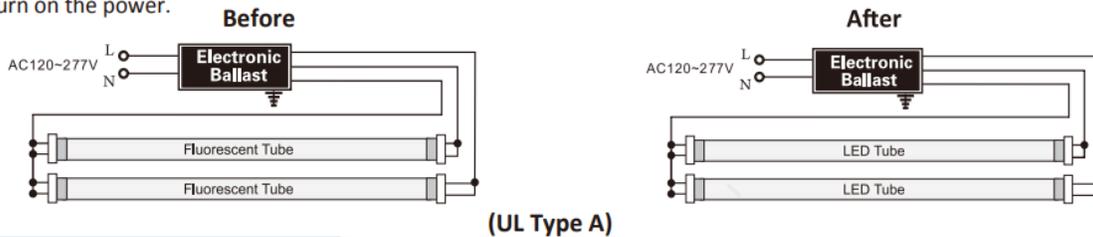
5. LED T8 Instant Fit



6. Turn On The Power

“Plug” and “Play” procedure

1. Turn off the power.
2. Remove diffuser (if provided).
3. Remove the fluorescent tubes. Please dispose of these items properly as they contain mercury.
4. Select the appropriate power and CCT, then put led tube in the lighting fixture.
5. Install the led tubes, close the diffuser (if provided).
6. Turn on the power.

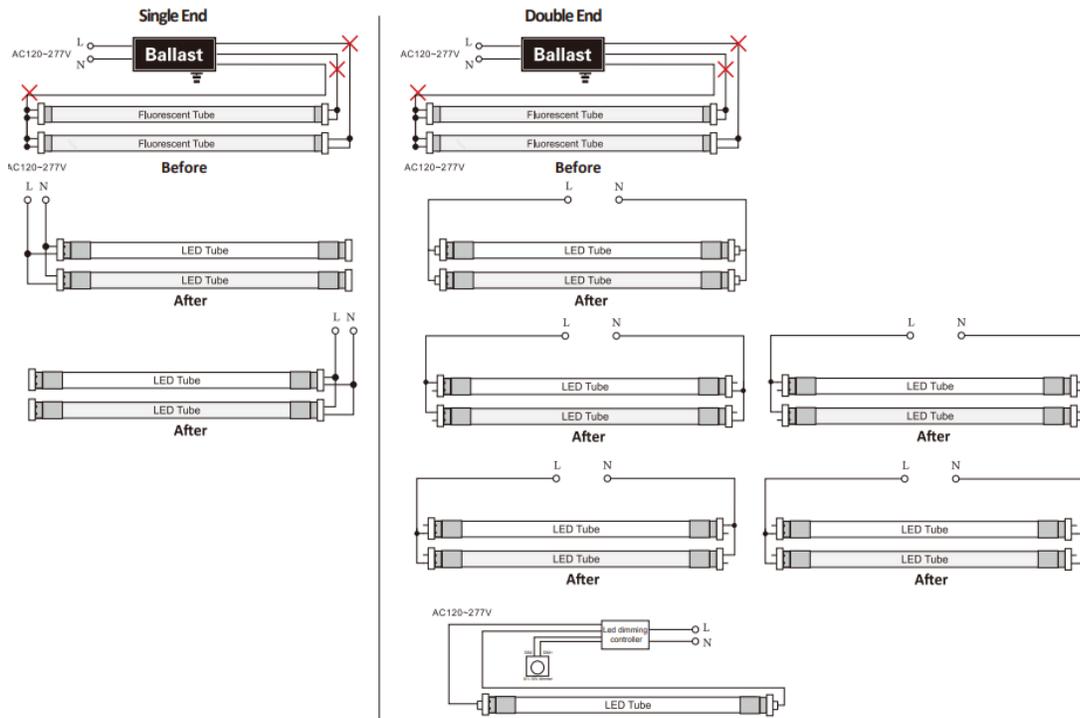


(UL Type A)

Retrofit Procedure

1. Turn off the power.
2. Remove diffuser (if provided).
3. Remove the fluorescent tubes. Please dispose of these items properly as they contain mercury.
4. Cut the wires as shown in the diagram.
5. Make the new wire connect to branch circuit as shown.
6. Replace the cover over the wiring channel.
7. Install the led tubes, close the diffuser.
8. Turn on the power.

Wire Diagrams



(UL Type B)

Dimming Wire Diagrams

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1. Our tubes can be compatible with the ballasts listed below, if you intend to install ballast compatible tube with ballasts not be listed below, risk of damage or losses may occur. We disclaim liability for any damage or losses by not following the instructions in this document.
 2. We are testing more and more ballasts and will update this list all the time. If you do not see your ballast on the list, please contact us.

| ACCUPRO | |
|-------------------|------------------------|
| 1 | AP-432IP-UNV |
| 2 | AP-332IP-UNV-M |
| ADVANCE | |
| 1 | IOPA-4P32-LW-N |
| ESPEN | |
| 1 | VE232MVHIPLE |
| 2 | VE232MVHIPE |
| 3 | VE432MVHIPE |
| 4 | VE432MVHIPLE |
| 5 | VE432120HIP |
| GE | |
| 1 | GE232MAX-L/Ultra |
| 2 | GE332MAX-N/Ultra |
| 3 | GE232MAX347-N |
| 4 | GE432MAX347-N |
| 5 | GE232-MVPS-N |
| 6 | GE332-MVPS-N |
| 7 | GE432-MVPS-N |
| 8 | GE432-120RESDIYB |
| 9 | GE-240-RS-MV-N |
| 10 | GE232-N-347 |
| 11 | GE132MAX-H/ULTRA |
| Halco | |
| 1 | EP232IS/L/MV/HE |
| HOWARD INDUSTRIES | |
| 1 | EP3/32IS/MV/MC/HE |
| KEYSTONE | |
| 1 | KTEB-232RIS-1-TP-SL |
| 2 | KTEB-232RIS-1-TP-SL/Ga |
| OSRAM | |
| 1 | QHE 2x32T8/UNV ISN-SC |
| 2 | QHE 3x32T8/UNV ISN-SC |
| 3 | QHE 3x32T8/UNV PSN-SC |

| PHILIPS | |
|---------------------|-----------------------|
| 1 | ICN-2P32-N |
| 2 | ICN-3P32-N |
| 3 | IOP-4P32-LW-N |
| 4 | IOPA-1P32-N |
| 5 | IOPA-4P32-N |
| 6 | IOPA-2P32-LW-N |
| 7 | IOP-3P32-N |
| SYLVANIA | |
| 1 | QHE 1x32T8/UNV ISN-SC |
| 2 | QHE 3x32T8/UNV ISL-SC |
| 3 | QTP 2x32T8/UNV ISN-SC |
| 4 | QT 4X32/120 LP |
| 5 | QT 2x32 T8/347 ISL-SC |
| 6 | QHE 4x32T8/347 ISN-SC |
| 7 | QHE 4x32T8/347 ISL-SC |
| TRIAD | |
| 1 | B232IUNVHP-N |
| 2 | B332IUNVHP-A |
| 3 | B432IUNVHP-A |
| 4 | B232IUNVHP-B |
| UNIVERSAL | |
| 1 | B332IUNVHE-A |
| 2 | B432IUNVHE-A |
| 3 | B232IUNVEL-N |
| 4 | B332IUNVEL-A |
| 5 | B232IUNVHEH-A |
| 6 | B332PUNVHE-A |
| 7 | B432IUNVEL-A |
| WORK HORSE | |
| 1 | WH3-120-C |
| 2 | WH3-120-L |
| Pacific Fluorescent | |
| 1 | EB-232IS-120-RES |

⚠ WARNING

1. These LED Tubes should be installed by a licensed electrician.
2. These LED Tubes should be used indoors (damp or dry locations only). Not suitable for wet location.
3. Make sure tombstones/lampholder are still in good condition and not defected before installation.
4. Ensure the brand and model no. of the ballast of replacement tube are in our compatible ballast list.
5. Make sure the ballast is working and still under warranty before installation.
6. Put LED tubes/G13 pins into right position of the socket, install properly.
7. This device is not suitable for using with emergency exits.
8. These led tubes can not match with phase-cut dimmer or 0/1-10V dimmer directly, please coordinate with specified 1-10V dimming driver to achieve dimming function.
9. Manufacturer is not liable for any damage to product or property due to improper installation. Please refer to the above Installation Instructions for reference.