

Installation Guide

VIVID™ T8 LED ByPass Shatterproof 4 Tube (BPSP4)

Please read this installation manual carefully, it contains important information and notes regarding the installation and operation of VIVID T8 LED ByPass Tube (BPSP4).

Applicable to the following models


Order Code	Model Number	Description	Tube Size	Volts
1762771	VIV-T8BPSP4/9W/30/F	T8 Bypass 2ft 9W G13 30K Frost Shatterproof DLC4.0	24"	120-277
1762356	VIV-T8BPSP4/9W/35/F	T8 Bypass 2ft 9W G13 35K Frost Shatterproof DLC4.0	24"	120-277
1762853	VIV-T8BPSP4/9W/40/F	T8 Bypass 2ft 9W G13 40K Frost Shatterproof DLC4.0	24"	120-277
1762534	VIV-T8BPSP4/9W/50/F	T8 Bypass 2ft 9W G13 50K Frost Shatterproof DLC4.0	24"	120-277
1762296	VIV-T8BPSP4/12W/30/F	T8 Bypass 3ft 12W G13 30K Frost Shatterproof	36"	120-277
1762311	VIV-T8BPSP4/12W/35/F	T8 Bypass 3ft 12W G13 35K Frost Shatterproof	36"	120-277
1762484	VIV-T8BPSP4/12W/40/F	T8 Bypass 3ft 12W G13 40K Frost Shatterproof	36"	120-277
1762514	VIV-T8BPSP4/12W/50/F	T8 Bypass 3ft 12W G13 50K Frost Shatterproof	36"	120-277
1762746	VIV-T8BPSP4/12.5W/30/F	T8 Bypass 4ft 12.5W G13 30K Frost Shatterproof DLC4.0	48"	120-277
1762342	VIV-T8BPSP4/12.5W/35/F	T8 Bypass 4ft 12.5W G13 35K Frost Shatterproof DLC4.0	48"	120-277
1762833	VIV-T8BPSP4/12.5W/40/F	T8 Bypass 4ft 12.5W G13 40K Frost Shatterproof DLC4.0	48"	120-277
1762527	VIV-T8BPSP4/12.5W/50/F	T8 Bypass 4ft 12.5W G13 50K Frost Shatterproof DLC4.0	48"	120-277
1763231	VIV-T8BPSP4/14.5W/30/F	T8 Bypass 4ft 14.5W G13 30K Frost Shatterproof DLC4.0	48"	120-277
1763313	VIV-T8BPSP4/14.5W/35/F	T8 Bypass 4ft 14.5W G13 35K Frost Shatterproof DLC4.0	48"	120-277
1763432	VIV-T8BPSP4/14.5W/40/F	T8 Bypass 4ft 14.5W G13 40K Frost Shatterproof DLC4.0	48"	120-277
1763512	VIV-T8BPSP4/14.5W/50/F	T8 Bypass 4ft 14.5W G13 50K Frost Shatterproof DLC4.0	48"	120-277



WARNING

- Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions show in the photographs and/or drawings.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

CAUTION

- Disconnect power at the source before installation. Do not simply switch off fixture.
- This item is rated at 120-277V. Installer must determine whether they have 120-277V at the luminaire before installation.
- This device is not intended for use with emergency exits.
- **Do not use with luminaire ballast.**
- **Do not use with dimmers.**
- Do not use if product is damaged.
- Use with supplied non-shunted lamp holders only.
- Connect hot wire only to end cap with the Turolight logo driver side.  Opposite end cap requires no wiring.
- To avoid potential fire or shock hazard, do not use this retrofit kit in luminaires employing shunted bi-pin lamp holders.

Note: Non-Shunted Lamp Holder Supplied with LED T8 Luminaire. Shunted lamp holders are found only in fluorescent luminaires with Instant-Start ballasts. Instant-start ballasts can be identified by the words "Instant Start" or "I.S." marked on the ballast. This designation may be in the form of a statement pertaining to the ballast itself, or may be combined with the marking for the lamps with which the ballast is intended to be used. For more information, contact the Turolight representative.

- "This luminaire has been modified and can no longer operate the originally intended lamp," shall be marked on the retrofit luminaire where readily visible by the user during normal maintenance including relamping (sticker supplied).
- Risk of fire or electric shock. Do not modify the circuitry or any electrical components of tube.
- Installers should not disconnect existing wires from lampholder terminals to make new connections at lampholder terminals. Instead installers should cut existing lampholder leads away from the lampholder and make new electrical connections to lampholder lead wires by employing applicable connectors.
- Suitable for damp location.
- Suitable for "Type IC" or "Type Non-IC" luminaires. No external weight or mechanical force on tube or components.
- Beware of electric shock when installing tube.
- Dispose of fluorescent lamps and ballast according to local/provincial/federal regulations.
- Contact your local Turolight Distributor if you have any questions about the installation of this lamp.

THE RETROFIT ASSEMBLY IS ACCEPTED AS A COMPONENT OF A FLUORESCENT LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY CSA OR AUTHORITIES HAVING JURISDICTION.

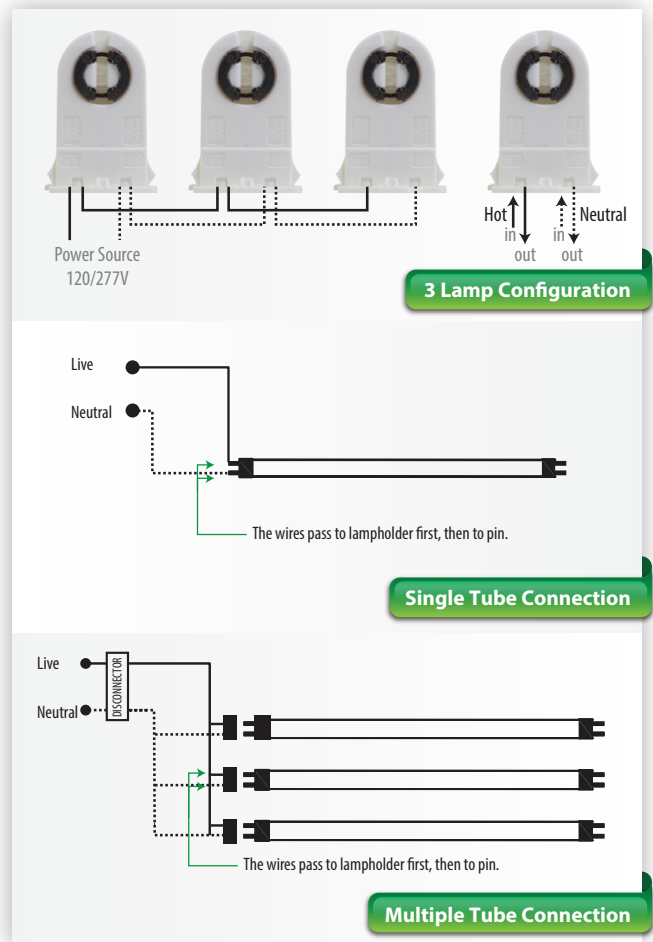


TO ORDER PLEASE CALL 1-877-736-0447 OR EMAIL: SALES@TUROLIGHT.COM

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Instructions

1. Read all WARNING/CAUTIONS before continuing this section.
2. Ensure fixture is 120-277V.
3. Disconnect power at the source.
4. Remove lens if applicable, remove cover and fluorescent tubes.
5. Cut all wires that connect ballast. Properly discard ballast or cap off wires.
6. Replace lamp holders at power end with supplied non-shunted lamp holders.
7. Connect hot wire from power source into supplied non-shunted Lamp Holder "Hot In".
8. Connect neutral wire from power source into supplied non-shunted Lamp Holder "Neutral In".
9. If installing multiple lamps, continue reading. Otherwise skip to section 14.
10. Connect separate hot wire into "Hot Out" from primary source lamp holder and connect that wire into "Hot In" on the adjacent tube.
11. Connect separate neutral wire into "Neutral Out" from primary source lamp holder and connect that wire into "Neutral In" on the adjacent tube.
12. Continue this process for additional lamps.
13. Do not wire opposite end of lamp holder.
14. Install lamp with the Turolight logo (driver side) into the wired end.
15. Visibly affix "Modification Sticker" and reinstall housing cover and lens if applicable.
16. Return power back to source and installation is now completed.



Note: The luminaire shall only mount max. 4 tubes.

