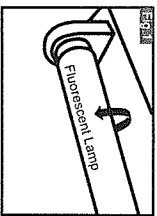


INSTALLATION

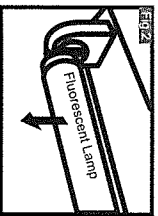
NOTE: Compliance with instructions and notes is required to ensure that the product is operated in a safe condition.



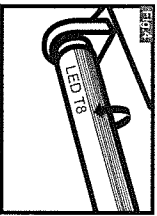
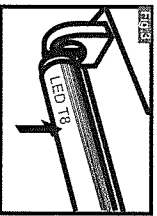
Step 1: Make Sure Power is OFF.

Step 2: Remove lens or diffuser (if applicable)

Step 3: Remove existing fluorescent lamps from the luminaire. See **Figure 1 & 2.**



Step 4: Bring LED lamp to luminaire and insert lamp pins into luminaire lamp holders. See **Figure 3.**



Step 5: Rotate LED lamp until lamp locks in place. Ensure that the LED lamp front points away from the back of the luminaire. See **Figure 4.**

NOTE: install LED T8 replacement lamp one for each fluorescent lamp removed.

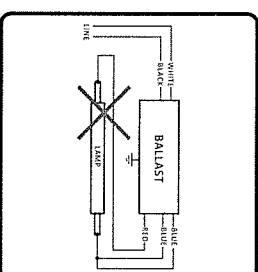
Step 6: Place lens or diffuser back in place (if applicable)

Step 7: Power ON.

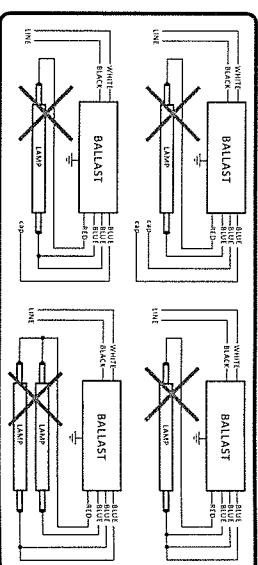
Ballast wiring and connections must be as shown on the ballast label. Incorrect wiring will cause damage to the LED lamps.

Instant Start Ballast Wiring Diagram (Incorrect)

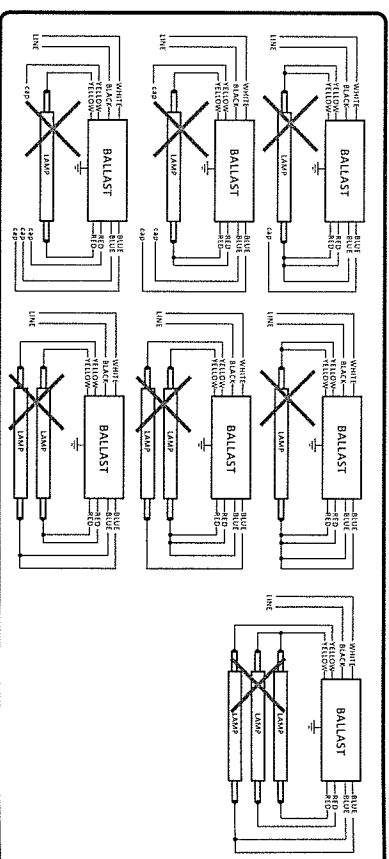
Two Lamps Ballast Incorrect Wiring



Three Lamps Ballast Incorrect Wiring



Four Lamps Ballast Incorrect Wiring



SAFETY WARNINGS

IMPORTANT SAFETY INFORMATION

▲ WARNING

Risk of shock. Disconnect power before installation.
DANGER - Risque de choc - Couper l'alimentation avant l'installation

▲ WARNING

LED T8 lamp for use only with products described and installed in accordance with product specifications. LED T8 lamp to be operated with fluorescent electronic ballast and emergency ballast.

▲ WARNING

Risk of fire. Use only in place of fluorescent lamps specified on label.

▲ WARNING

Risk of electric shock. SUITABLE FOR DRY AND DAMP LOCATIONS.

▲ WARNING

Please ensure the temperature of Tc point is under 131°F after the lamp working properly for 2 hours, otherwise the performance of lamp might not comply with the specification.



NOTES

Input Voltage: Determined by fluorescent ballast

Consult your local authority regarding disposal or recycling procedures of removed ballast and lamps.

Consult www.unvlt.com for a list of compatible ballasts.
Consultez www.unvlt.com pour une liste de ballasts compatibles

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.

SAFETY INFORMATION

1. Check the lamp before installation, if there is any damage caused during transportation, do not install.
2. Maintenance should be carried out by technical personnel only.
3. Do not stare at the light source with bare eyes for a long time, or beam to others's eyes.
4. Do not place any objects on the lamp.

MAINTENANCE NOTES

1. Disconnect lamp from power supply before any maintenance.
2. Clean luminaire with dry cloth.
3. Do not clean the lamp with corrosive chemicals.

www.unvlt.com

Universal Lighting Technologies is a member of the Panasonic Group.

DO NOT INSTALL THIS LAMP IN A PRE-HEAT LUMINAIRE.

N'INSTALLEZ PAS CETTE LAMPE DANS UN APPAREIL D'ÉCLAIRAGE DE PRÉCHAUFFAGE.

THIS LAMP ONLY OPERATES ON ELECTRONIC BALLASTS. IF LAMP DOES NOT LIGHT WHEN THE LUMINAIRE IS ENERGIZED, REMOVE LAMP FROM LUMINAIRE AND CONTACT LAMP MANUFACTURER OR QUALIFIED ELECTRICIAN.

CETTE LAMPE OPÈRE SEULEMENT AVEC LE BALLAST ÉLECTRONIQUE. SI LA LAMPE NE S'ALLUME PAS QUAND L'APPAREIL D'ÉCLAIRAGE ACTIVE, ENLEVEZ LA LAMPE DE L'APPAREIL D'ÉCLAIRAGE ET CONTACTEZ LE FABRICANT DE LAMPE OU UN ÉLECTRICIEN QUALIFIÉ.

CAUTION RISK OF FIRE - IF THE LAMP OR LUMINAIRE EXHIBITS UNDESIRABLE OPERATION (BUZZING, FLICKERING ETC.), IMMEDIATELY TURN OFF POWER, REMOVE LAMP FROM LUMINAIRE AND CONTACT MANUFACTURER.

ATTENTION RISQUE DE FEU - SI LA LAMPE OU LE LUMINAIRE MONTRE DES SIGNES D'OPÉRATION INDESIRABLE (BRUIT, VIBRATION, CLIGNOTEMENT, ETC.), ALORS COUPER IMMÉDIATEMENT LE COURANT ET ENLEVER LA LAMPE DE L'APPAREIL D'ÉCLAIRAGE ENTRER EN CONTACT AVEC LE FABRICANT.

5. Keep the lamp away from flame or high temperature objects.
 6. Only for indoor use.
 7. Only replace with same type of LED tube! Risk of electrical shock!
 8. If the glass lamp tube is broken, the lamp must be disposed immediately!
4. FOR EMERGENCY LIGHTING WHEN ONLY WITH Ballast - Listed (FTBR7), PHILIPS EMERGENCY LIGHTING (E49328), Model B50 (Alternate RS), Rated 120/277V, 50/60Hz, Damp Location Fluorescent Emergency Ballast.