

MaxLite® External LED T8**General Safety Information**

WARNING – RISK OF FIRE OR ELECTRIC SHOCK. INSTALLATION OF THIS RETROFIT KIT REQUIRES A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE LUMINAIRE'S ELECTRICAL SYSTEM AND THE HAZARD INVOLVED. IF NOT QUALIFIED, DO NOT ATTEMPT INSTALLATION. CONTACT A QUALIFIED ELECTRICIAN.

WARNING – RISK OF FIRE OR ELECTRIC SHOCK. INSTALL THIS KIT ONLY IN THE LUMINAIRE THAT HAS THE CONSTRUCTION FEATURES AND DIMENSIONS SHOWN IN THE PHOTOGRAPHS AND/OR DRAWINGS AND WHERE THE INPUT RATING OF THE RETROFIT KIT DOES NOT EXCEED THE INPUT RATING OF THE LUMINAIRE.

DO NOT MAKE OR ALTER ANY OPEN HOLES IN AN ENCLOSURE OF WIRING OR ELECTRICAL COMPONENTS DURING KIT INSTALLATION.

WARNING – TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR OTHER SHARP OBJECTS.

THIS RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION. PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH THE APPLICABLE AND APPROPRIATE ELECTRICAL CODES. THE INSTALLATION GUIDE DOES NOT SUPERSEDE LOCAL OR NATIONAL REGULATIONS FOR ELECTRICAL INSTALLATIONS.

WARNING: TO AVOID POTENTIAL FIRE OR SHOCK HAZARD, DO NOT USE THIS RETROFIT KIT IN LUMINAIRES EMPLOYING SHUNTED BI-PIN LAMPHOLDERS. NOTE: SHUNTED LAMPHOLDERS ARE FOUND ONLY IN FLUORESCENT LUMINAIRES WITH INSTANT-START BALLASTS. INSTANT- START BALLASTS MAY 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 [e.g., "F40T12/IS"]. FOR MORE INFORMATION, CONTACT THE LED LUMINAIRE RETROFIT KIT MANUFACTURER.

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 CONNECTORS SUITABLE FOR THE APPLICATION.

THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS.

SUITABLE FOR DAMP LOCATIONS.

USE ONLY LUMINAIRE WITH LAMP COMPARTMENT DIMENSIONS 1218mm LENGTH, 573mm WIDTH, 65mm DEPTH

**NOTE: The external T8 lamps can be installed single-ended or double-ended.
(See page 2 for single-ended installation or page 3 for double-ended.)**



ETL CLASSIFIED



MaxLite® External LED T8



Installation & Operation - Single-Ended Wiring

⚠ WARNING

Disconnect the power by turning off the circuit breaker or by removing the appropriate fuse at the fuse box. Turning the power off using the light switch is not sufficient to prevent electrical shock.

Step 1: Make sure the circuit breaker that supplies power to the fixture is turned off.

Step 2: Remove lens or diffusion cover on the lighting fixture.

Step 3: Remove the existing T8/T12 fluorescent tubes.

Step 4: Remove the ballast cover and identify the line and neutral wires running from the breaker box to the ballast and confirm the power is off using a voltmeter.

Step 5: Ensure that the fixture contains non-shunted G13 bi-pin lamp holders. If not, remove Shunted lamp holders and install non-shunted lamp holders.

Step 6: Cut the line and neutral wires at the ballast, as well as all remaining wires at the ballast (see **Figure 1**).

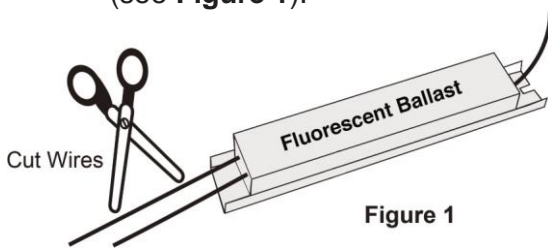


Figure 1

Step 7: Remove Ballast (and starter if present). Dispose of removed ballast in accordance with government regulations in your area.

Step 8: For single-ended wiring, please see **Figure 2a, 2b, 2c or 2d**.

Step 9: Reinstall the ballast cover to hide all wire.

Step 10: IMPORTANT: Peel off the provided caution label and install on a visible location inside the fixture.

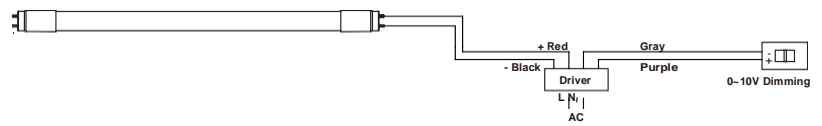


Figure 2a

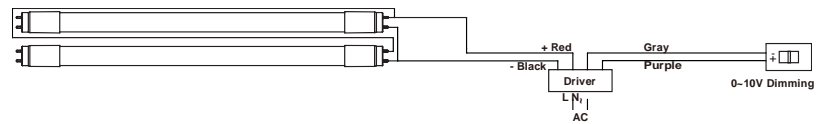


Figure 2b

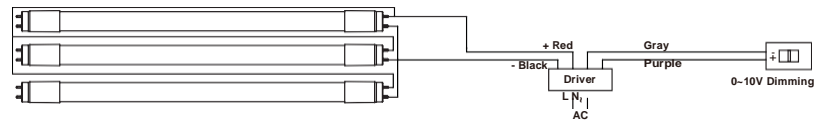


Figure 2c

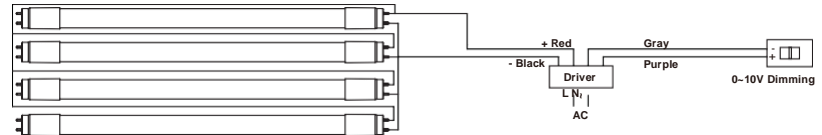
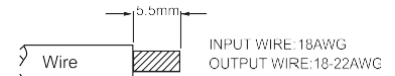


Figure 2d

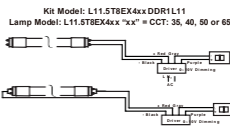


This luminaire has been modified to operate LED lamps. Do not attempt to install or operate fluorescent lamps in this luminaire.

Ce luminaire a été modifié pour fonctionner des lampes LED. Ne essayez pas d'installer ou de faire fonctionner les lampes fluorescentes dans ce luminaire.

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Label pictures are for illustration purposes only.

MaxLite® External LED T8



Installation & Operation - Double-Ended Wiring

⚠ WARNING

Disconnect the power by turning off the circuit breaker or by removing the appropriate fuse at the fuse box. Turning the power off using the light switch is not sufficient to prevent electrical shock.

Step 1: Make sure the circuit breaker that supplies power to the fixture is turned off.

Step 2: Remove lens or diffusion cover on the lighting fixture.

Step 3: Remove the existing T8/T12 fluorescent tubes.

Step 4: Remove the ballast cover and identify the line and neutral wires running from the breaker box to the ballast and confirm the power is off using a voltmeter.

Step 5: Cut the line and neutral wires at the ballast, as well as all remaining wires at the ballast (see **Figure 1**).

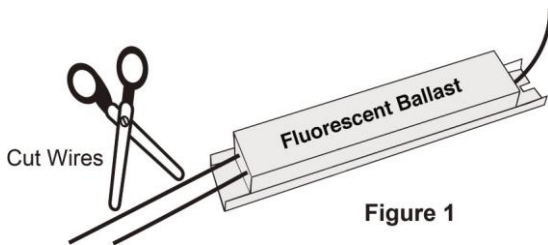


Figure 1

Step 6: Remove Ballast (and starter if present). Dispose of removed ballast in accordance with government regulations in your area.

Step 7: For single-ended wiring, please see **Figure 3a, 3b, 3c or 3d**.

Step 8: Reinstall the ballast cover to hide all wire.

Step 9: IMPORTANT: Peel off the provided caution label and install on a visible location inside the fixture.

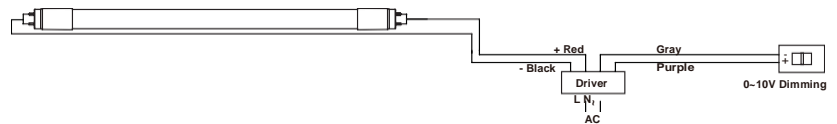


Figure 3a

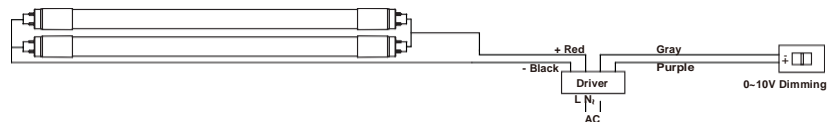


Figure 3b

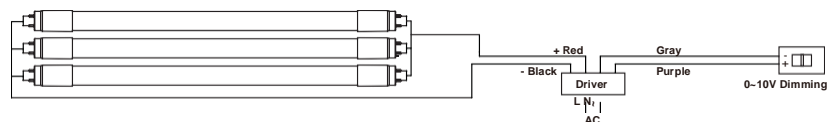


Figure 3c

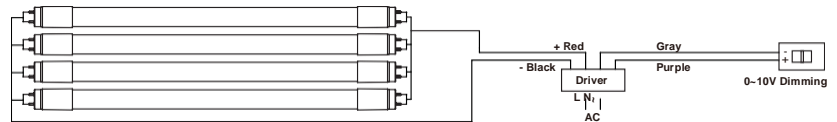


Figure 3d

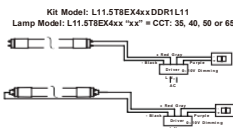
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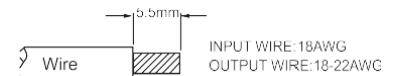
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MaxLite® External LED T8**Warranty Information**

MaxLite Inc. warrants its products for a minimum period of **FIVE (5)** years from the date of original purchase from MaxLite or its authorized distributor/dealer (the "Warranty Period"), as follows: If a Product fails to operate during the Warranty Period as a result of defects in materials or workmanship, MaxLite will, at its option, repair it, replace it with the same or like Product.

Please refer to Maxlite's website (at <http://maxlite.com/resources/warranties>) for the complete terms and conditions of our warranty.

Limitation of Liability

THE FOREGOING WARRANTY IS EXCLUSIVE, AND IS THE SOLE REMEDY FOR ANY AND ALL CLAIMS, WHETHER IN CONTRACT, IN TORT OR OTHERWISE ARISING FROM THE FAILURE OF PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT PERMITTED BY LAW AND, IN ANY EVENT, SHALL BE LIMITED TO THE WARRANTY PERIOD SPECIFIED ABOVE. THE LIABILITY OF MAXLITE SHALL BE LIMITED TO THE TERMS OF THE EXPRESS WARRANTY SET FORTH HEREIN. IN NO EVENT WILL MAXLITE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, LABOR COSTS, REMOVAL OR INSTALLATION COSTS, DECREASE IN THE LIGHT OUTPUT OF THE LAMP, AND/OR DETERIORATION IN THE LAMP'S PERFORMANCE, WHETHER OR NOT MAXLITE HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. UNDER NO CIRCUMSTANCES SHALL MAXLITE'S ENTIRE LIABILITY FOR A DEFECTIVE PRODUCT EXCEED THE PURCHASE PRICE OF THAT PRODUCT. WARRANTY SERVICES PROVIDED UNDER THESE TERMS AND CONDITIONS DO NOT ENSURE THE UNINTERRUPTED OPERATION OF PRODUCTS; MAXLITE SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY ANY DELAYS INVOLVING WARRANTY SERVICE.

This Limited Warranty gives you specific legal rights and you may also have other rights that may vary from state to state. Because some states or jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, this limitation may not apply to you.