



MaxLite® Type B LED T8

General Safety Information

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

▲ WARNING

DANGER - RISK OF SHOCK-DISCONNECT POWER BEFORE INSTALLATION.

WARNING - RISK OF FIRE OR ELECTRIC SHOCK. LED RETROFIT KIT INSTALLATION REQUIRES KNOWLEDGE OF LUMINAIRE ELECTRICAL SYSTEMS. IF NOT QUALIFIED, DO NOT ATTEMPT INSTALLATION AND CONTACT A QUALIFIED ELECTRICIAN.

WARNING - RISK OF FIRE OR ELECTRIC SHOCK. PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE OR YOUR LOCAL ELECTRICAL CODE. IF YOU ARE NOT FAMILIAR WITH THESE CODES AND REQUIREMENTS, CONTACT A QUALIFIED ELECTRICIAN.

WARNING - RISK OF FIRE OR ELECTRIC SHOCK. INSTALL THIS KIT ONLY IN LUMINAIRE THAT HAVE 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.

WARNING - TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR OTHER SHARP OBJECTS. DO NOT MAKE OR ALTER ANY OPEN HOLES IN AN ENCLOSURE OF WIRING OR ELECTRICAL COMPONENTS DURING KIT INSTALLATION.

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.

WARNING - RISK OF FIRE OR ELECTRIC SHOCK. LUMINAIRE WIRING AND ELECTRICAL PARTS MAY BE DAMAGED WHEN INSTALLING OF RETROFIT KIT HARDWARE. CHECK FOR ENCLOSED WIRING AND COMPONENTS.

WARNING - RISK OF FIRE OR ELECTRIC SHOCK. CHECK THE EXISTING WIRING FOR DAMAGE BEFORE INSTALLING UPGRADE KIT. DO NOT INSTALL IF EXISTING WIRES ARE DAMAGED.

THE 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.

"THIS LUMINAIRE HAS BEEN MODIFIED TO OPERATE LED LAMPS. DO NOT ATTEMPT TO INSTALL OR OPERATE FLUORESCENT LAMPS IN THIS LUMINAIRE," SHALL BE MARKED ON THE RETROFIT LUMINAIRE WHERE READILY VISIBLE BY THE USER DURING NORMAL MAINTENANCE INCLUDING LAMPS.

SUITABLE FOR DAMP LOCATIONS. SUITABLE FOR USE IN ENCLOSED LUMINAIRE.

THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS.

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

Model:

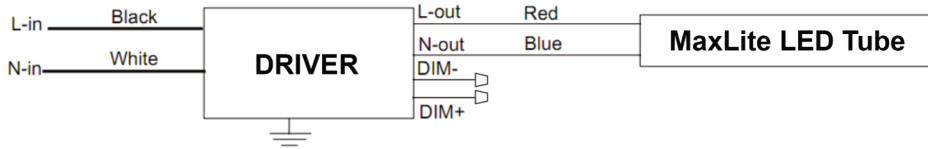
L10T8SDE4xx-CG

L10T8SDE4xx-NP



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Type B Installation Wiring Diagram

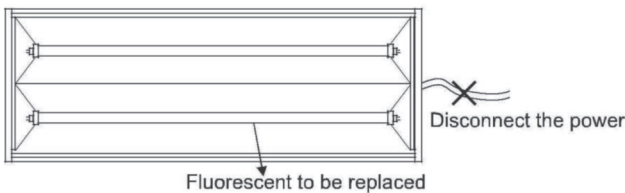


Dimming

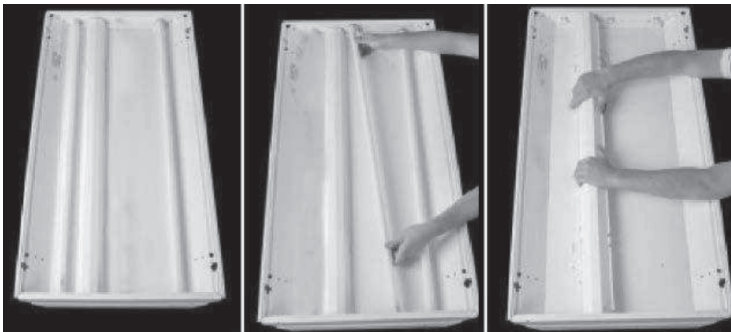
These lamps are only compatible with the DM-100U dimming module.

Type B Installation Instructions

1. **DISCONNECT POWER TO LUMINAIRE:** Disconnect power to luminaire or circuit (if possible). Ensure all power is off by using a voltmeter or another method to confirm.



2. **REMOVE EXISTING TUBE LAMP(S)**
 - a.) Remove troffer lens. (If present)
 - b.) Remove existing fluorescent lamps by rotating one quarter turn and sliding lamp(s) out.
 - c.) Remove ballast cover. (Cover may be secured with screws or tabs)



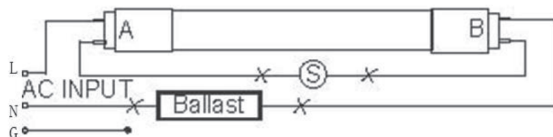
A.) Troffer & Lamps B.) Remove Tube Lamps C.) Remove Ballast Cover (lens removed)



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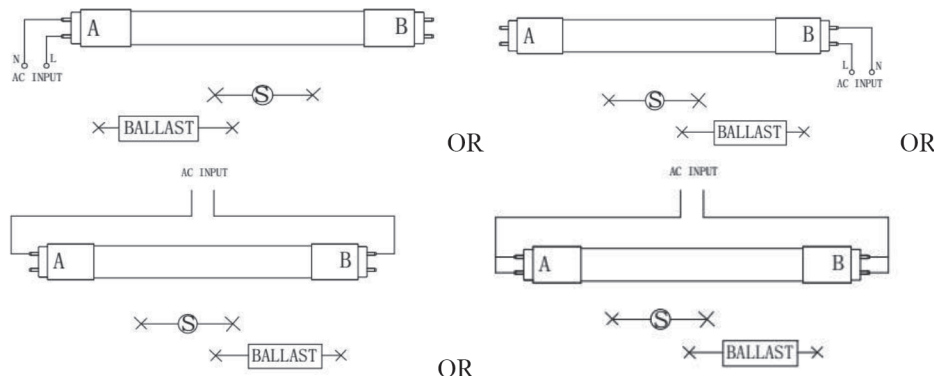
Type B Installation Wiring Diagram

3. **RETROFIT LUMINAIRE:** Retrofit luminaire with electronic ballast
 - a.) Remove troffer lens. (If present)



- b.) Connect two wires to branch circuit L and N according to the figure below:

Type 1: Direct AC wiring diagram without dimming.



Voltage Input: AC120-277V 50/60Hz

4. **INSERT LED TUBES**
 - a.) Read label on the LED tube to ensure that the lamp tube and dimming module can work together. If you are not sure, please contact the factory.
 - b.) Insert LED lamp in the normal way by sliding pins into sockets and rotating a quarter turn until the LED tube locks in place.
 - c.) LED lamps are now fully installed.
 - d.) Replace troffer lens (if present.)
 - e.) After modification is completed. Attach the replacement marking and cautionary label to a visible place on the luminaire and keep it visible after installation.
5. **RESTORE THE POWER TO LUMINAIRE**
Restore power to circuit/luminaire and test light. Adjust position of LED tube(s) if necessary.

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Warranty Information

MaxLite Inc. warrants its products for a minimum period of **FIVE (5)** years from the earlier of the actual installation date or 90 days after the original date of purchase from a MaxLite 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 coverage details as well as the terms and conditions of our warranty. Please note that it is NOT a requirement to register your warranty in order to initiate a warranty claim unless a Ten Year warranty has been purchased separately, or when applicable and/or purchased separately, your warranty contains a replacement labor allowance.

Limitation of Liability

THIS 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, 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 (EXCLUDING LABOR WARRANTY COVERAGE WHERE SPECIFICALLY OFFERED BY MAXLITE). WARRANTY SERVICES PROVIDED UNDER THESE TERMS AND CONDITIONS DONOT ENSURE THE UNINTERRUPTED OPERATION OF PRODUCTS; MAXLITE SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY ANY DELAYS INVOLVING WARRANTY SERVICE.

This 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, such limitation may not apply to you.