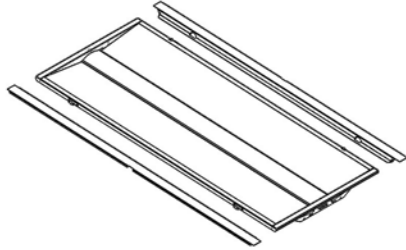




LED LDR® Troffer Retrofit Bracket Kit Installation Instructions

Installation instructions for converting a recessed troffer lensed fluorescent luminaire to LED
PRODUCT SERIES: LDRMG, LDRMH Series Troffer Retrofit (2x4, 2x2)

Contents
 1 – LED Troffer Bracket Retrofit
 2 – Side Mounting Brackets

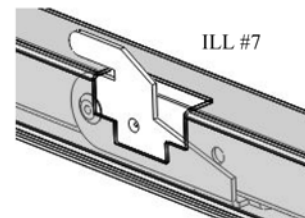
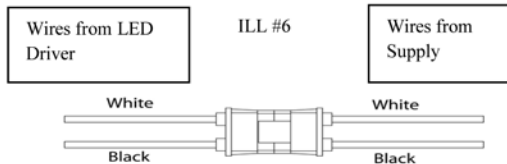
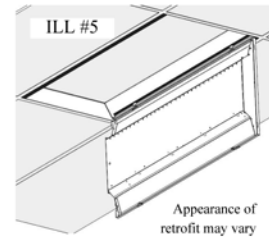
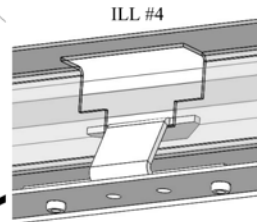
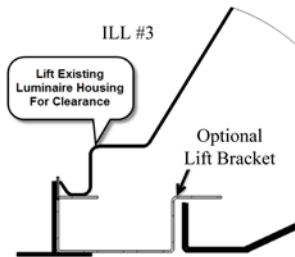
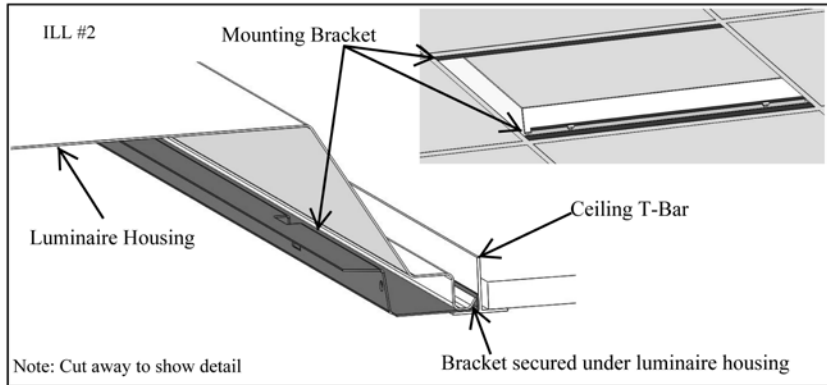
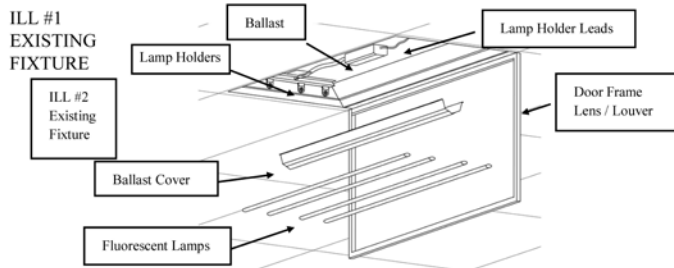


2x4 LDRM Series Shown

- ⚠ WARNING! - Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.
 - ⚠ WARNING! - Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
 - ⚠ WARNING! - Risk of fire or electric shock. Install this kit only in the luminaires 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.
 - ⚠ WARNING! - Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
 - ⚠ CAUTION! - Risk of fire. Consult a qualified electrician to ensure correct branch circuit conductor.
- “THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.”
 “THE RETROFIT ASSEMBLY IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY UL OR AUTHORITIES HAVING JURISDICTION”
 “LUMINAIRE HOUSING BEING RETROFITTED MUST BE METAL IN ORDER TO PROVIDE APPROPRIATE PATH FOR BONDING”

Instructions

1. Disconnect power to existing fixture.
2. Remove existing door frame (if installed) and lamps. If clearance permits, abandon ballast and socket bars inside the existing fixture. Otherwise remove these as needed. Please dispose of lamps, door frame, and ballast properly. (See ILL #1)
3. Lift luminaire housing and slide in both side mounting brackets between the housing and the "T" grid. (See ILL #2) Lower luminaire onto mounting brackets. Optional lift bracket (ILL #3) raises existing troffer for extra clearance.
4. Hang the LDR by its hinges on one of the mounting brackets. (See ILL #4 & #5)
5. Install power disconnect (pre-attached to supplied power leads) to the line (black) and neutral (white) coming into the fixture. (See ILL #6)
6. Wire the existing fixture ground wire to the supplied ground wire/s. If no ground wire exists from the power supply, add ground wire to the existing luminaire housing.
- The LDR must be properly grounded.**
7. Close the LDR and secure both latches. (See ILL #7)
8. Reconnect main power.



BRITEX™ Antimicrobial Coating Maintenance Care Instructions

Instruction Number: P-INT-X-389

This instruction should be used for cleaning the anti-microbial coated surfaces only. Other areas of the LDRMH/G should be cleaned with a water-dampened clean cloth or vacuum. Do not touch or clean the LED boards.

Cleaning Method:

Usual maintenance of luminaire can be done with an appropriate cleaning product, followed by clear water rinsing and wiping using a soft cloth.

All surfaces should be cleaned using a soft cloth or sponge, using nothing harsher than natural bristle brushes.

If the project is subject to any hazardous unusual environmental factors, or is close to salt water or marine environments then Orion must be consulted on an individual project basis.

If the coating is very heavily soiled (i.e. due to lack of maintenance), a company specialized in cleaning painted surfaces must be contacted.

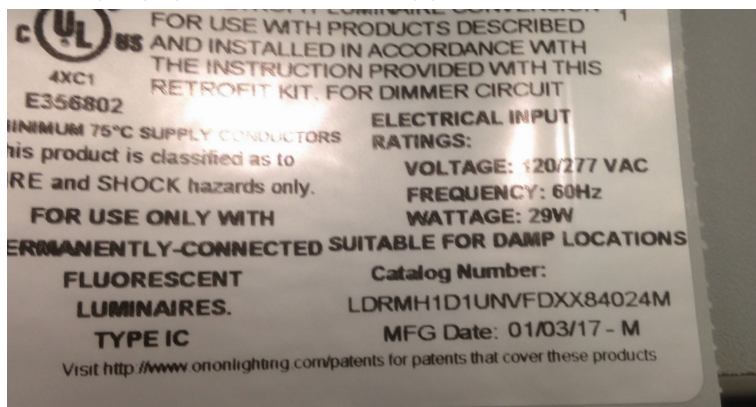
Cleaning Products:

For the anti-microbial agent in the painted surfaces of the luminaire to remain intact, painted surfaces must remain free of any contaminants.

Before cleaning, the cleaning agent's datasheet must be consulted. In no circumstance should any abrasive cleaner or polish, or any cleaner containing ketones or esters be used.

Usual cleaning maintenance can be done using water with mild detergent (pH 5 to 8). Be sure the surface is rinsed well with clear water after cleaning.

If the atmospheric pollution has resulted in heavy soiling of the coating, some stains or marks may require stronger domestic products such as products based of alcohol, petroleum spirits, white spirit, or bleach (diluted to 5%). In this case, it is necessary to rinse the coating immediately after the cleaning product has been used. As recommended above, if the coating is heavily soiled, a company specialized in cleaning painted surfaces must be contacted.



Example of order logic on back of fixture showing product has antimicrobial coating
(Note: LDRMH or LDRMG has antimicrobial coating)