



Please read the User Manual before installation and keep it for reference in case of need

	<b>WARNING</b> <b>RISK OF FIRE</b> <b>RISK OF ELECTRICAL SHOCK</b>	
<p><b>WARNING:</b> To reduce the risk of fire and reduce the risk of electrical shock, do not remove the retrofit LED tube lamp enclosure (cover and caps). No user-serviceable parts inside. Refer servicing to qualified service personnel.</p>		

### IMPORTANT SAFETY INSTRUCTIONS

**The reflector kit is T8 LED tube lamp; the rating is 120V AC 50/60Hz 9W or 18W. Retrofit kit consists of LED Tube Lamp(1pc), Installation Instruction(1 pc), Listed Multi-pole Splicing Wire Connectors(ZMNA7) (1 pc).**



**WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK,  
DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE**



**LUMINAIRE CONVERSION, RETROFIT**

**FOR USE ONLY WITH FLUORESCENT LUMINAIRES IDENTIFIED IN MANUFACTURER'S INSTRUCTIONS**

**THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PROCUT AND THE HAZARDS INVOLVED.**

**WARNING - Risk of fire or electric shock.** The electrical rating of this product is 120 Vac, the installer must determine whether they have 120V at the luminaire before installation.

**WARNING - Risk of fire or electric shock.** Luminaires wiring, ballasts, or other electrical parts may be damaged when drilling for installation of reflector kit hardware. Check for enclosed wiring and components.

**WARNING - Risk of fire or electric shock.** Reflector kit installation requires knowledge of fluorescent lighting 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 luminaire that has the construction features and dimensions shown in the photographs and/or drawings.

**WARNING - Risk of fire or electric shock.** 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 can be identified by the words "Instant Start" or "I.S." or the designation "IS" within the lamp marking on the ballast, for example F40T12/IS. For more information, contact the LED Luminaire retrofit kit manufacturer.**

**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.**

**"Not for use with dimmers"**

Can be used for embedded lights, Max. 4 lamp tubes in recessed fixture;

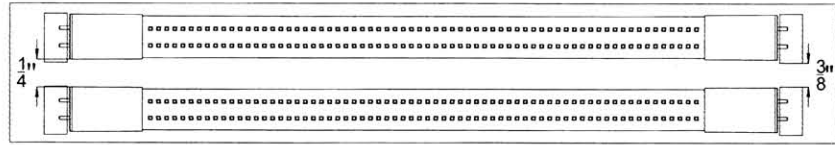
Not intended for insulation contact Recessed fixture (NON-IC Recessed);

Caution - Risk of Electric Shock " Use In Dry Locations Only"

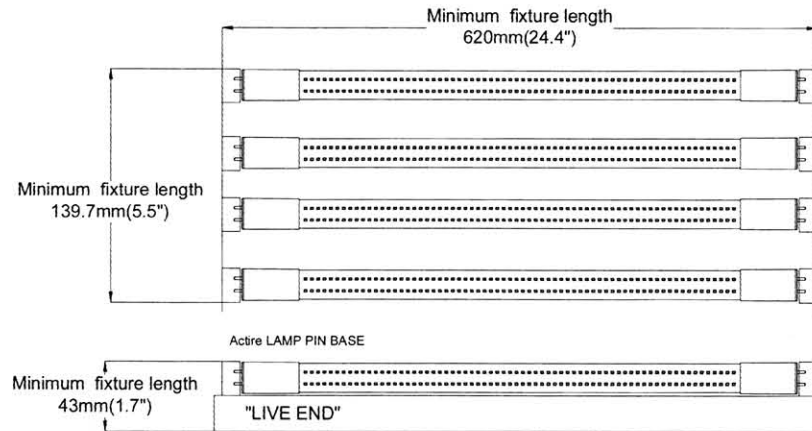
"Risk of Electric shock - Do Not Use Where Directly Exposed To Water"

"The end retrofit luminaire has been modified and can no longer operate the originally intended lamp"

"This device is not intended for use with emergency exit fixtures or emergency exit lights."



Minimum distance between lamps Minimum distance between lamp sockets - These lamps can be used in any standard 2' T8 lamp fixture, allowing for its minimum fixture dimension requirements

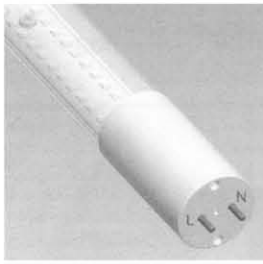


- These lamps should be installed by an electrician;
- These lamps work on line voltage and require all ballasts and starters to be removed before the bulb is to be installed in the fixture.
- Only use in NON-IC Fluorescent three lamped troffer style luminaire;
- Retrofit used with / without lens luminaires;
- Use in 25+ / -5 degree C environmental conditions;
- Use in dry locations;
- Do not install in a raceway or a luminaire marked for through branch wiring.
- Always connect ground lead to fixture where applicable.
- Please connect your authorized dealer, distributor, or rethink Environmental if you have any questions not addressed in these instructions.

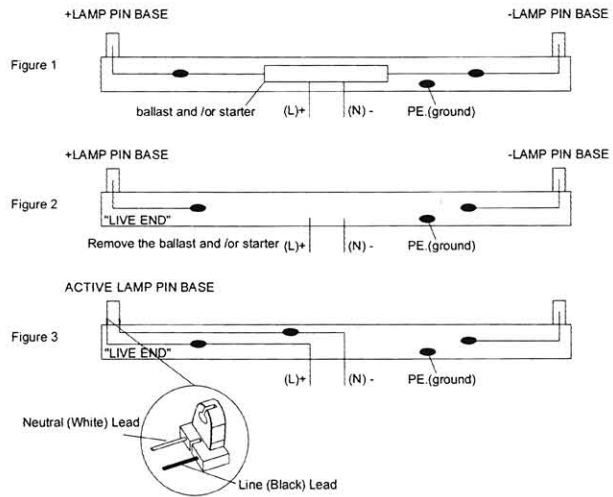
### INSTALLATION INSTRUCTIONS

- Step 1 - Disconnect all power to the lamp fixture (figure 1).
- Step 2 - Remove the ballast and starter where applicable (figure 2).
- Step 3 - Designate one side of the fixtures lamp sockets as the "LIVE END" and mark for future reference (figure 2). Be sure that the splices or connector should be insulated reliably, and they should be in the enclosed splice compartment.

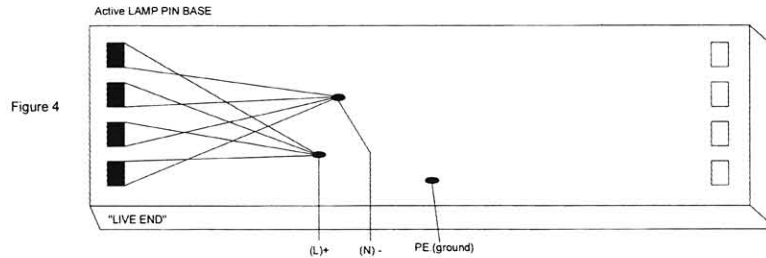
\*\*For any 3 or 4 bulb fixture, simply connect all the line(black) leads from each lampholder to the Line(black) lead in and connect all the neutral(white) leads from each lampholder to the neutral(white) lead in(figure 4)\*\*



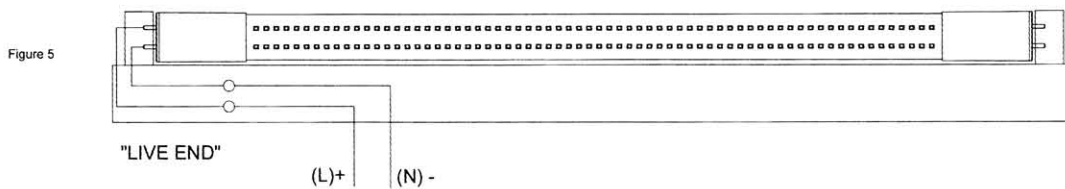
LAMP CAPS



Step 4 " Connect the line(black) lead to one of the two wires connected to the lampholder and connect the neutral(white) lead to the second of the two wires connected to the same lampholder(figure 3), and the lamp pin L to connect lamp base line(black) lead, the lamp pin N to connect lamp base neutral(white) lead.



Step 5 " Install led tube light in fixture matching the RED side of the lamp to the "LIVE END" side of the fixture (figure 5). Be sure that the splices or connector are insulated reliably, and are in the enclosed splice compartment



Model No.	No.Of LEDs	Input Voltage	Input Frequency	Input Wattage	Input Current	Color Temperature	Luminous flux
T8L1200-18W-02-120-32	264	120VAC	60Hz	18W	150mA	3200K	1300lm
T8L1200-18W-02-120-41	264	120VAC	60Hz	18W	150mA	4100K	1400lm
T8L1200-18W-02-120-55	264	120VAC	60Hz	18W	150mA	5500K	1500lm

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### Important Notice

**NOT to be used with cold cathode fixtures which are sockets with single wires**

**The above type of fixture cannot be modified for use with this LED replacement tube.**