



MHTL-MAGNT8-4FT INSTALLATION INSTRUCTION IN 8FT LINEAR PENDANT

Rev. Date 1/20/2014

WARNING – Risk of fire or electric shock. When drilling, check for enclosed wiring and other pre-existing components.

Drilling to install the LED retrofit kit may damage wiring and other electrical components.

WARNING – Risk of fire or electric shock. Installation of the LED Retrofit Kit requires knowledge of electrical systems.

If not qualified, do not attempt installation and contact a qualified electrician.

WARNING – Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings.

WARNING – Risk of fire or electric shock. To prevent wiring damage or abrasion, do not expose wiring to the edges of sheet metal or sharp objects.

Only those holes indicated in the photographs and/or drawings below may be made or altered during this installation. Do not leave any open holes in the enclosure.

MHTL-MAGNT8-4FT - Suitable for field installation in any open lens 8ft linear pendant fluorescent luminaire with nominal overall dimensions 96 in (2439 mm) long by 6 in (153 mm) wide with or without a reflector.



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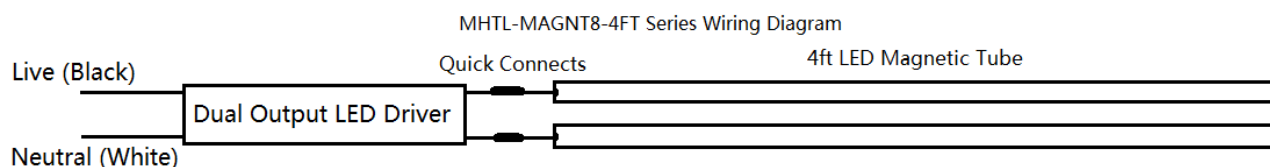
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Note: This information is subject to change without notice

1. Main Data:

Model	Input Voltage (Vac)	Input Power (W)	Max. Input Current (A)	LED Driver Model	Power Factor	Driver Output Current (A)
MHTL-MAGNT8-4FT	120-277Vac 50Hz/60Hz	2x18W	0.46	LUC-042D070DSM(SSM)	>0.95	700mA
MHTL-MAGNT8-4FT		2x21W	0.46	LUC-042D070DSM(SSM)		700mA

2. Wiring Diagrams:



3. Installation and Maintenance Instruction:

- 3.1. This product is to be installed and serviced by a certified electrician.
- 3.2. The Luminaire should be installed in an area with good ventilation, clear of any corrosive or combustible gases and explosive objects.
- 3.3. A supply voltage tolerance of +/- 10% is allowable. An improper installation outside of this range or with the incorrect input voltage will influence the normal operation of this luminaire and result in damage to the lamp and electronic ballast.
- 3.4. The luminaire must be properly grounded to prevent accidental electrical shocks, and to prevent interference from the electrical ballast affecting the normal operation of the luminaire.
- 3.5. Do not open the housing with the luminaire powered on.

4. Replacement Kit Parts List:

- (2x) 4ft Magnetic LED Tube
- (1x) Two Way LED Driver
- (4x) Self Drilling Screws

5. Required Tools:



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- Electric Drill with #2 Phillips Bit
- Wire Cutter
- Wire Stripper

6. Installation Procedures:

1

Shut OFF
Circuit Breaker
before Starting.

Remove the Existing 8ft Fluorescent Lamps and Covers.

2



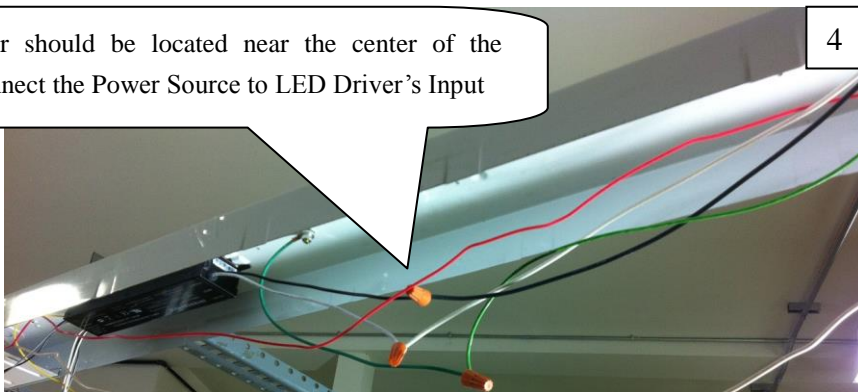
Remove the Existing Fluorescent Ballast
and Install the LED Two-Way Ballast.

3



LED Driver should be located near the center of the
fixture. Connect the Power Source to LED Driver's Input

4

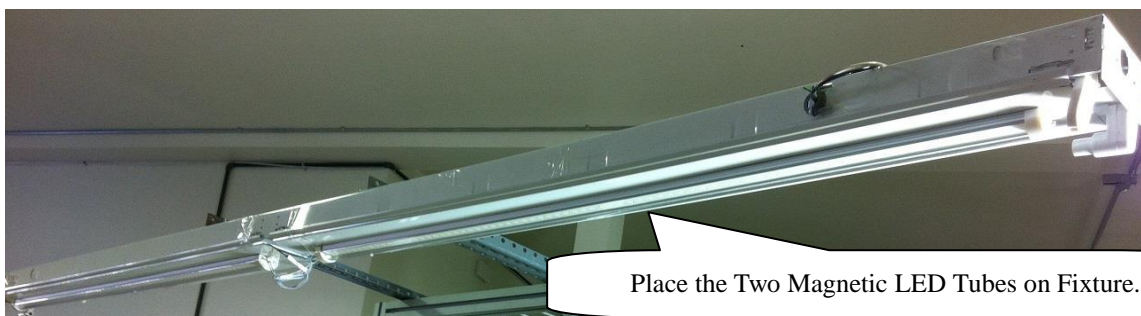
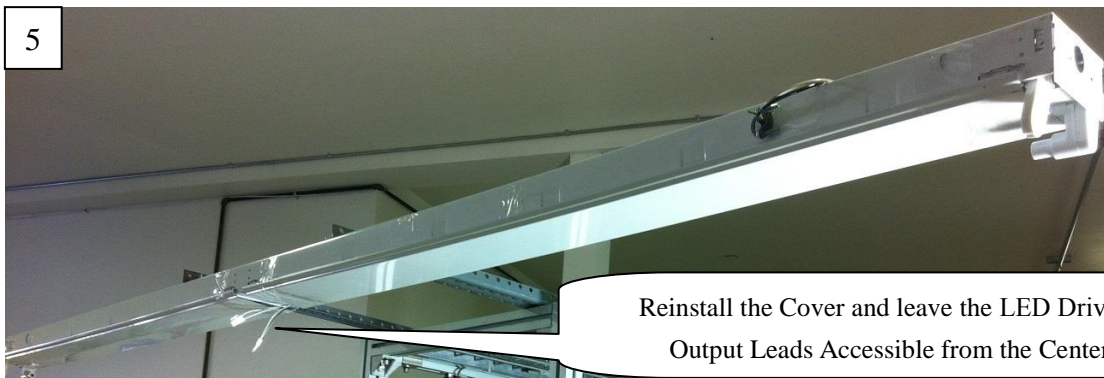




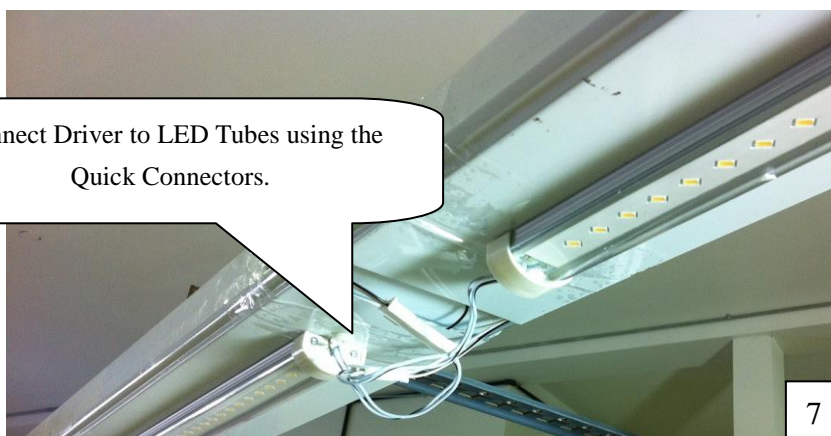
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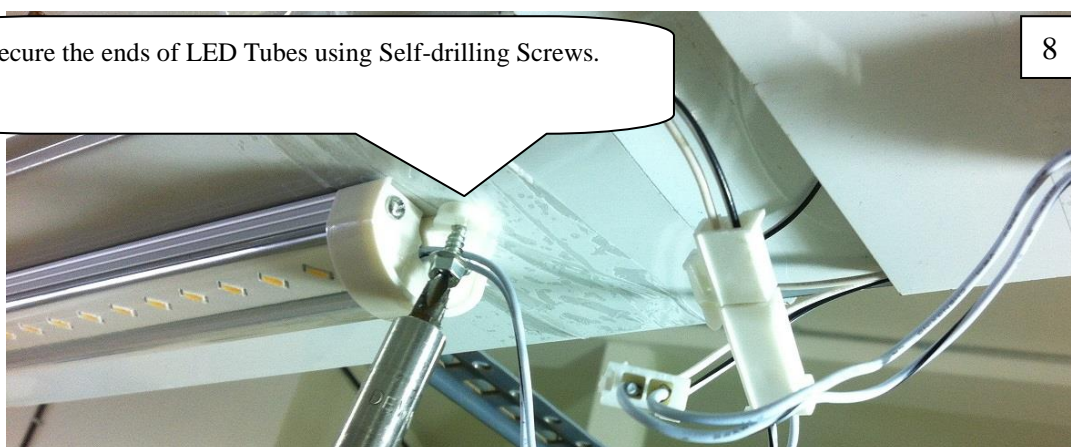
5



Connect Driver to LED Tubes using the Quick Connectors.



Secure the ends of LED Tubes using Self-drilling Screws.

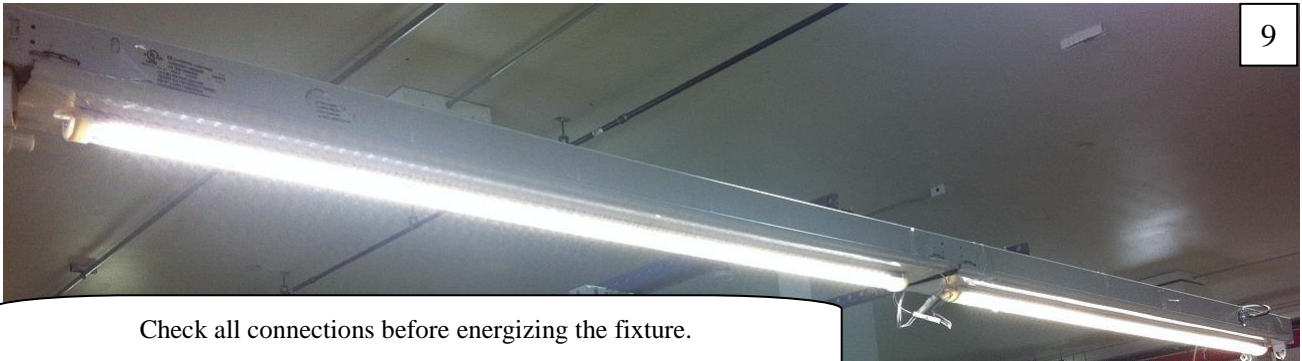




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Check all connections before energizing the fixture.