



MHTL-MAGNT8 INSTALLATION INSTRUCTION

Rev. Date 8/1/2014

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.

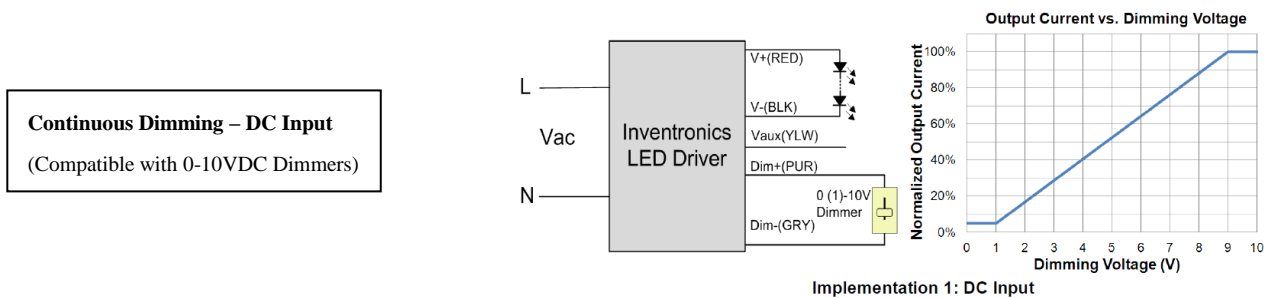
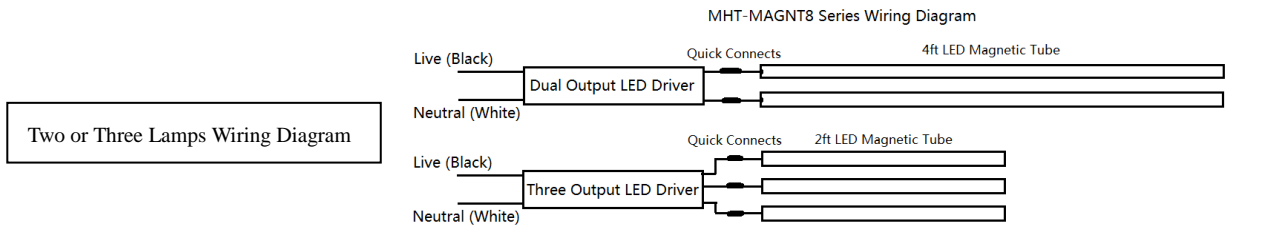
WARNING – Risk of fire or electric shock. Installation of the LED Retrofit Kit requires knowledge of electrical systems. If not qualified, do not attempt installation and contact a qualified electrician.

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.

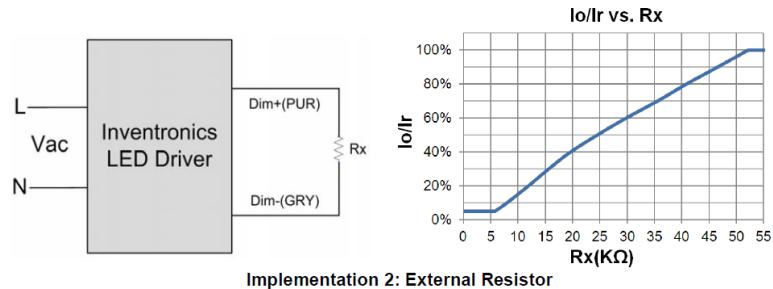
WARNING – Risk of fire or electric shock. To prevent wiring damage or abrasion, do not expose wiring to the edges of sheet metal or sharp objects. Only those holes indicated in the photographs and/or drawings below may be made or altered during this installation. Do not leave any open holes in the enclosure.

MHTL-MAGNT8-2FT - Suitable for field installation in any recessed linear fluorescent luminaire with nominal overall dimensions of 22-3/4" (577 mm) long by 22-1/4" (565 mm) wide tapering to 16-1/4" (414 mm) wide by 2-7/8" (73 mm) deep; or with a minimum equivalent volume.

MHTL-MAGNT8-4FT - Suitable for field installation in any recessed linear fluorescent luminaire with nominal overall dimensions of 47-1/2" (1207 mm) long by 10-1/4" (27 mm) wide tapering to 5" (127 mm) wide by 4-1/4" (108 mm) deep; or with a minimum equivalent volume.



Bi-level Dimming – External Resistor (Rx)
For Example:
60% Dimming – Connect a 30k Ohm Resistor



Installation and Maintenance Instruction: (The below data is subject to change without notice)

- This product is to be installed and serviced by a certified electrician.
- Product shall be installed in an area with good ventilation, and clear of corrosive gas, combustibles and explosive objects.
- The supply voltage is 120Vac to 277Vac. and incorrect voltage will damage the luminaire.
- The ambient temperature is allowed to be -4°F to +104°F (-20°C to +40°C).

4ft. Replacement Kit Part List:

- (2x/3x) 4ft Magnetic LED Tubes
- (1x) Dual/Three Output Dimmable LED Driver

2ft. Replacement Kit Part List:

- (2x/3x) 2ft Magnetic LED Tubes
- (1x) Dual/Three Output Dimmable LED Driver



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Installation Procedures for Fluorescent Troffers: (1x4, 2x2, 2x4)

1 Shut OFF the Circuit Breaker

2 Unhook the lens latch and open the lens. Remove the existing T5/T8/T12 fluorescent lamps and mid panel.

3 Disconnect the input connectors, cut all unwanted wires (Existing lamp bases will not be used) and remove existing fluorescent ballast.

4 Attach quick connectors to the inputs from the LED Driver and secure it onto the fixture with original screws.

5 Place each Magnetic Tubes into the fixture. Secure the ends of each tube with self-drilling screws (if needed) and connect tubes to LED driver.

6 Connect power to LED Driver, replace mid panel back (avoid damaging wires), close fixture lens, turn on circuit breaker and energize the fixture.

7