



INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS

LEINS5 SERIES LED LIGHTING FIXTURES

IMPORTANT SAFEGUARDS READ AND FOLLOW ALL SAFETY INSTRUCTIONS BEFORE INSTALLING THIS FIXTURE

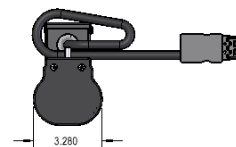
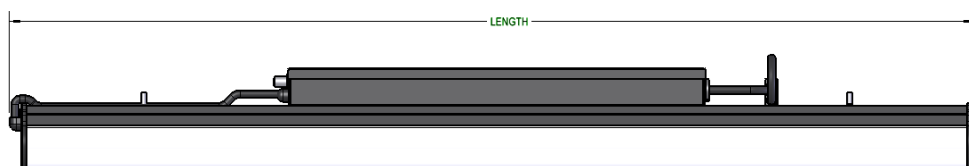
- This fixture should be installed by qualified technicians in strict accordance with the National Electrical Code and any local requirements.
- To maximize longevity of the fixture, do not mount near heat sources.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition and/or void warranty.
- This fixture is designed for general lighting purposes. Do not use fixture for other than intended use.

SAVE THESE INSTRUCTIONS

INSTALLATION NOTES

1. To prevent the risk of electrical shock, deactivate/disconnect the power supply before installing or servicing this fixture.
2. Before installing, check the fixture label to ensure correct voltage and frequency.
3. Refer to the following pages for typical fixture mounting. Mounting hardware is not supplied.

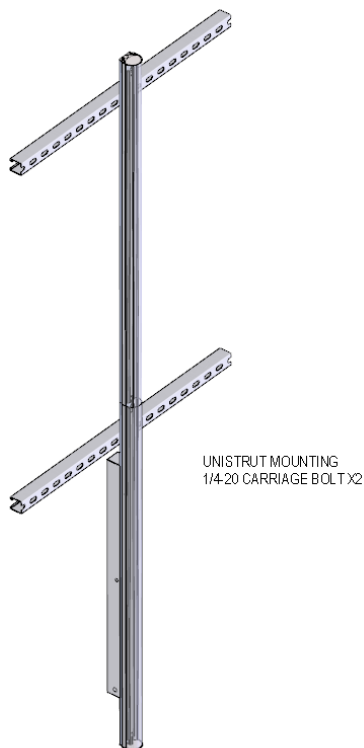
LEINS5 SERIES DIMENSIONS



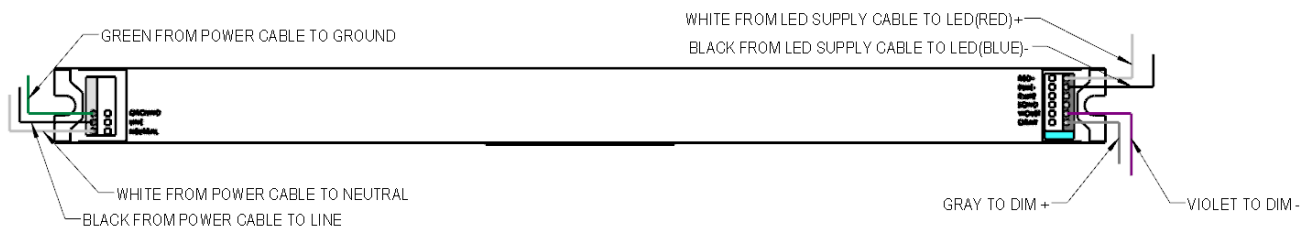
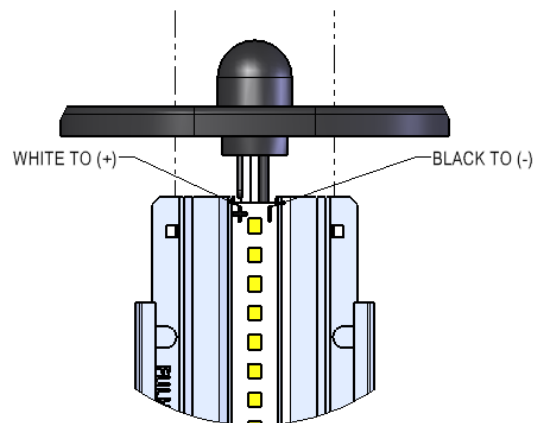
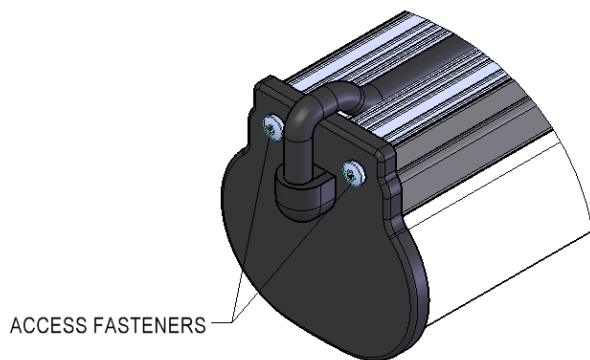
Length of Fixture

	2ft	4 ft	6 ft	8 ft
Length	23 1/2"	45 1/2"	67 1/2"	91 1/2"

TYPICAL MOUNTING

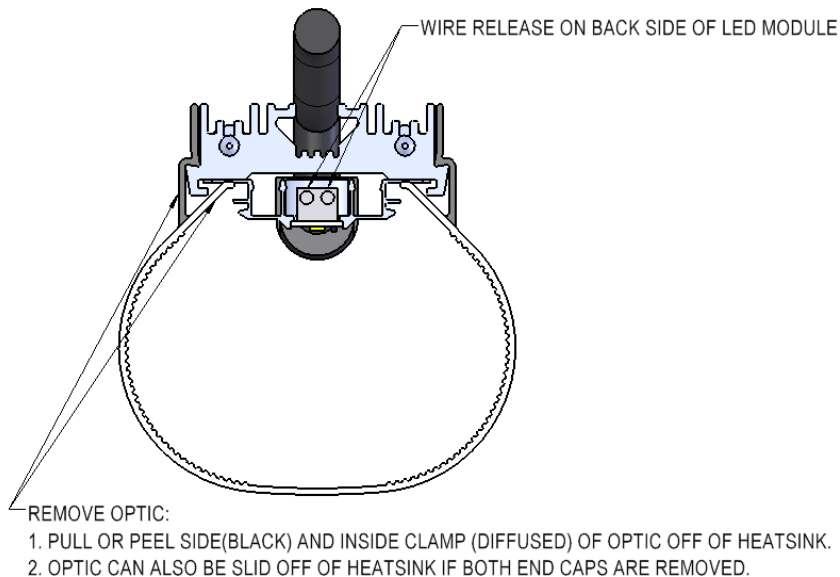
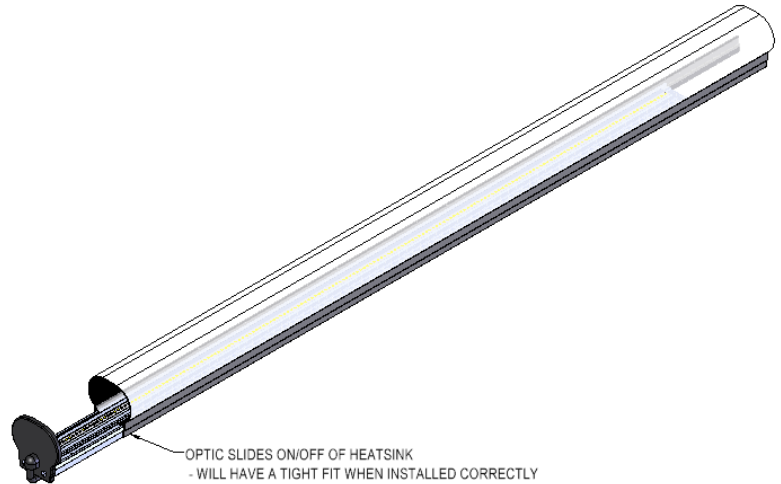


TYPICAL WIRING

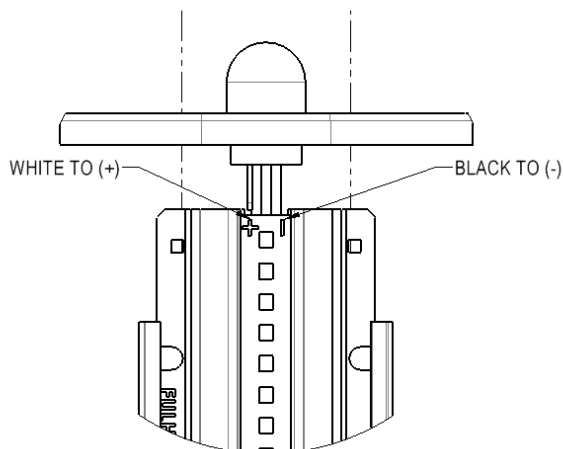


LED Module Access/Replacement:

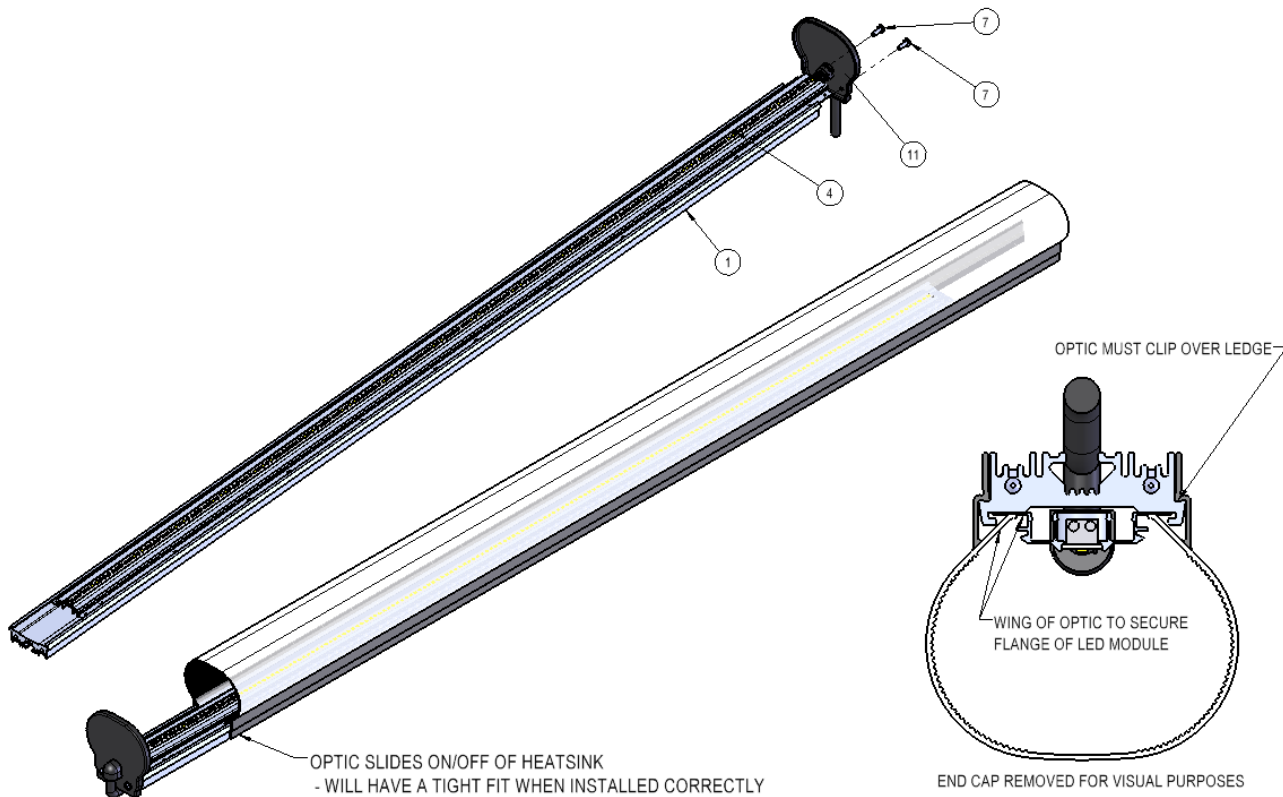
1. Remove end cap with cable in it (2x screws)
2. Remove optic – pull/peel side and inside clamp feature off heatsink.
 - a. optic does have a very tight fit.
 - b. LED module is held in place by optic
3. Remove old LED module from fixture.
 - a. Disconnect cable from LED module.
 - b. Use small screwdriver to release wire from wire clips.



4. Connect cable to new LED module



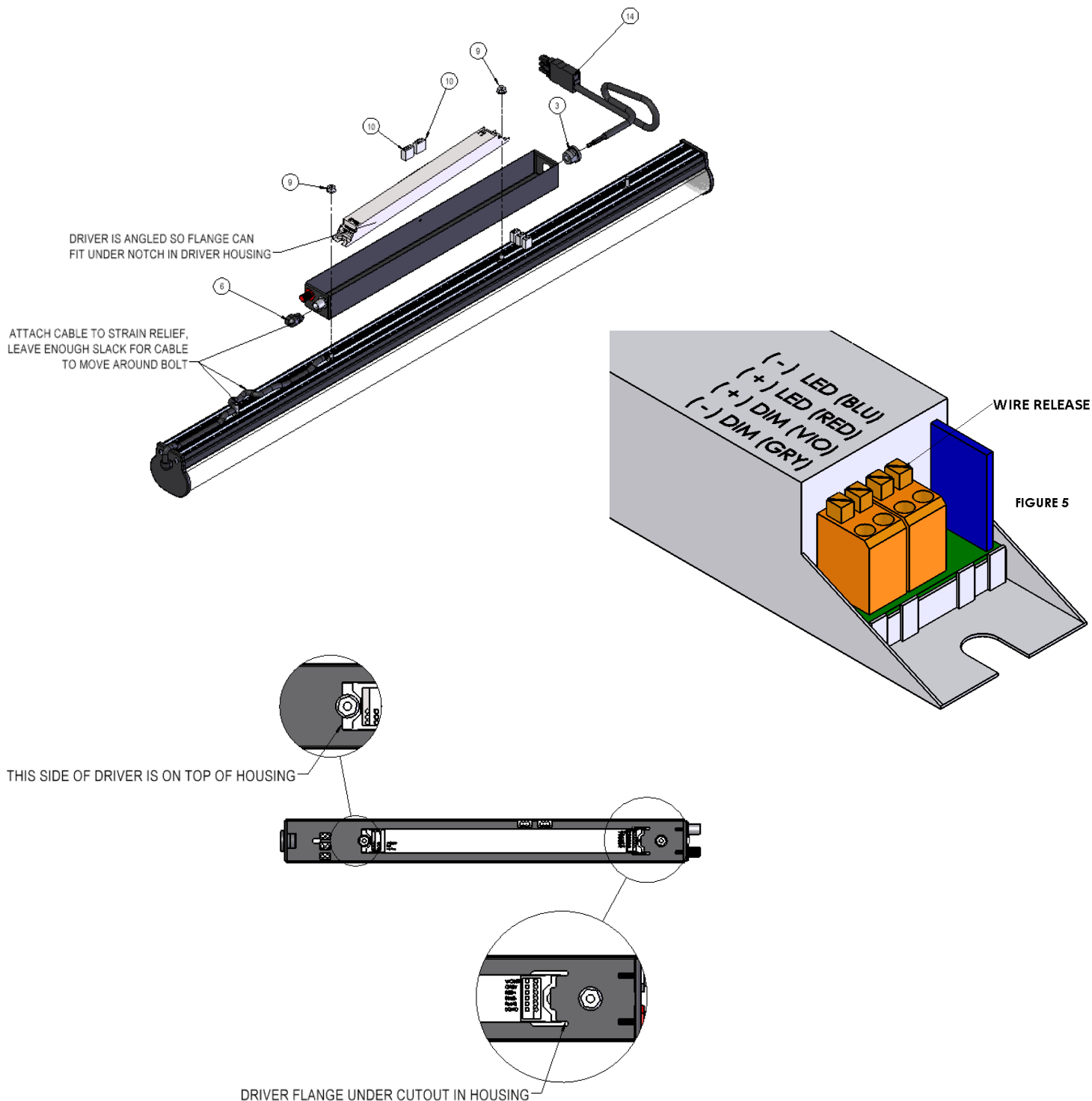
5. Slide led module into channel of heatsink.
6. Reattach optic
 - a. Optic can be slid over heatsink and led module, then **MUST** be pressed into place - clip of optic must be secured over ledge of heat sink for proper function
 - b. Optic **WILL** fit tight
 - c. Using a rubber mallet can help attach optic. If using a rubber mallet do not hammer directly on optic. Flip fixture over and pound on heatsink, or lightly tap optic with rubber mallet.
7. Reattach end caps using same hardware.



LED Driver Access/Replacement:

1. Deactivate/disconnect the power supply from the supply circuit.
2. Remove the access fasteners as shown in figure 1. (It may be necessary to remove both ends to ease re-assembly).

- Using a fine tipped instrument, press the wire release tabs shown in figure 5 and remove the wires on both ends of the Faulty LED Driver.



4. Using a 7/16" Nut Driver, remove the fastener on one end of the LED Driver and loosen the fastener on other end of LED Driver shown above and lift the Faulty LED Driver from the housing and discard old LED Driver.
5. Install new LED Driver, reverse steps.
6. Reattach the wires on the LED Driver. Low Voltage LED side of driver: White to LED(+), black to LED(-), Violet to DIM (+), Gray to DIM (-). Input side of driver: White to (WHT) NL, Black to (BLK) LN, and Green to (GND).
7. Connect the fixture to the power supply.

MAINTENANCE DATA

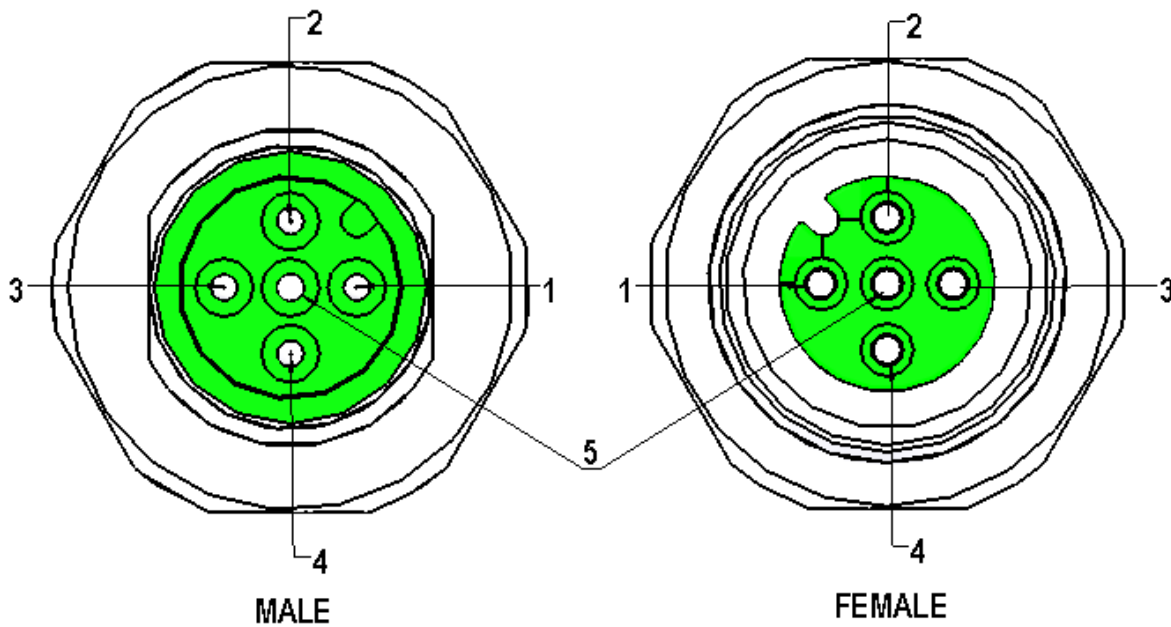
Although no routine maintenance is required to keep this fixture functional, it should be checked periodically to ensure that it is functioning properly, and to inspect for external damage.

For optimal performance and longevity, keep the light transmission lens clean. Refer to the following guide for recommended cleaning methods.

- Acrylic care: Rinse the lens with warm water and clean with a mild soap solution or commercially available plastic cleaner and a lint free cloth; rinse well. Avoid cleaners that contain ammonia or alcohol. To remove grease, oil and graffiti, use Hexane or kerosene followed by the above soap solution sequence. Avoid cleaning the lens in direct sunlight.

M12 Dimming Connector Detail

For use with 0-10V and DALI dimming systems



Pinout Detail:

- 1) Brown Dimming (+)
- 2) White - Manufacturers Use Only
- 3) Blue Dimming (-)
- 4) Black - Manufacturers Use Only
- 5) Grey - Drain Wire

0-10v Dimmer and Driver Specifications:

Max. dimming source current from driver: 200 μ A

Max. output on dimming wires from driver: 12V

Controller must sink current from the 0-10v control leads.

*Please contact manufacturer for controls compatibility.