

5", 6" LED Retrofit-Kit Installation Instructions

The units covered in these instructions are intended to retrofit Type IC or Type Non-IC luminaires.

WARNING / ATTENTION

1. Risk of fire. Supply conductors (power wires) connecting to the fixture must be rated 90° C. If uncertain consult an electrician.
2. Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems.
3. Risk of fire or electric shock. If not qualified, do not attempt installation. Contact a qualified electrician.
4. 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.
5. To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
6. This lamp is not intended for use with emergency exit fixtures or emergency lights.

CAUTIONS

1. For your safety read and understand instructions completely before starting installation.
2. Before attempting Installation, check your local electric code, as it sets wiring standards for your locality.

NOTES

1. If luminaire (fixture) is to be switched from a wall switch, make sure black power supply wire is connected to the switch. DO NOT connect the white supply wire to the switch.
2. Make sure no bare wires are exposed outside the wire nut connectors.
3. Do not make or alter any open holes in an enclosure of wiring or electrical components during kits installation.
4. This lamp is not compatible with photo controls, occupancy sensors, or timing devices.

Approved Dimmers

GE: 18024

Leviton: S-600P-WH, 6631-LA, 6684

Lutron: DV-603P, LGCL-153CL, MAW-600H-WH, S-600PR-WH

Maxxima: MEW-DM700

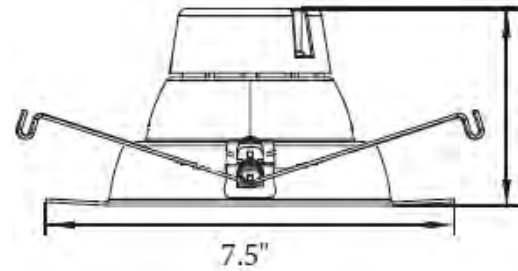
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Minimum Housing Dimensions are 6.5" (DIA) X 7.3" (H)

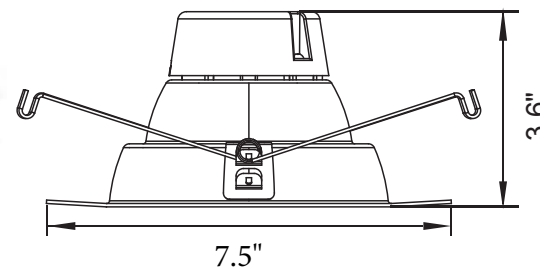
Electrical parameters:

| Model | Input Voltage (V) | Input Frequency (Hz) | Input Current (A) | Input Watts (W) |
|------------|-------------------|----------------------|-------------------|-----------------|
| MRL-61900W | 120 | 60 | 0.17 | 19 |

NOTE: Torsion springs are pre-installed for 6" housing compatibility. For use in 5" housing move both springs to the upper position. To do this, fold torsion springs down at center to unlock from lower position then slide out. Then slide that spring into upper position and fold spring up at center to lock in place.



Torsion Springs in 6" Position



Torsion Springs in 5" Position

Installation Into Recessed Housing:

STEP1: Turn off the power before installation. Remove the existing diffuser, bulb and trim as applicable.

STEP2: Screw E26 socket adapter into socket in housing. (Figure 1)

STEP3: Plug the connector of the retrofit kit into the connector of the socket adapter assembly. (Figure 2)

STEP4: Squeeze the torsion springs together and install into torsion spring brackets inside the housing as shown. (Figure 3)

STEP5: Tuck all wires into the housing and carefully push the LED trim until its outer edge is flush against the ceiling surface. (Figure 4)

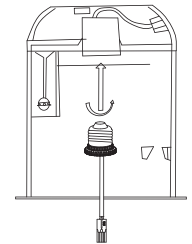


Figure 1

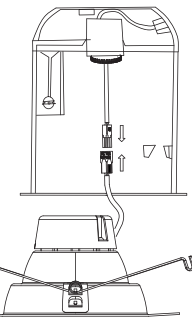


Figure2

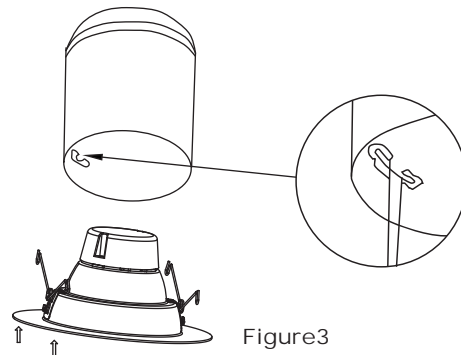


Figure3

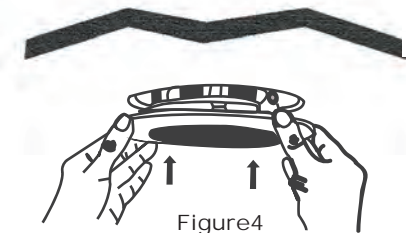


Figure4