

LED MINI SWIVEL SERIES

Installation instructions for LMS, LMV and LMS-3 series fixtures

WARNING: These products may present a possible shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with these instructions, current electrical codes and/or the current National Electric Code (NEC).

IMPORTANT

The following instructions are provided to assure safe installation and operation of LED Mini Swivel Series. Please read carefully before connecting or installing this product.

1. The LED Mini Swivels are a safe low voltage lighting system that are suitable for indoor locations only.
2. Do not mount or support these fixtures in a manner that can cut the outer jacket or damage wire insulation.
3. Always make sure power is disconnected from the LED fixtures before cutting, mounting, attaching terminal block, attaching end cap or modifying in any way.
4. Do not exceed the maximum capacity of the 350mA DC power supply used for any series configuration.

BEFORE YOU START

- **Always make sure the LED Bullet is disconnected from the power source before wiring.**
- Determine the number of fixtures your application will require. There are multiple power connection configurations and accessories that allow many installation options. See examples prior to installation to determine the best configuration for each installation.

Remember, in any case, do not exceed the capacity of the power supply (sold separately) used for any single run:

- 1-16 watts can be powered by each LED-DR16-350
- 1-15 watts can be powered by each LED-DR18-350D (use only 15 watts load and save 3 watts for dimming)

SPECIFICATIONS

Operation: 350mA DC

Wiring: Series configuration only - do not wire in parallel!

Hole cut-out size: 1-7/8" for LMS and LMV fixtures;
2-3/4" for LMS-3

Mounting: Recessed applications *only*

Wattages: LMS, LMV = 1.25 watts each;

LMS = 3 watts each

**** FOR HARDWIRE INSTALLATIONS ONLY ****

Use a 350mA power supply as recommended by the factory. Use of any other power supply will void the warranty.

Make sure the power source is disconnected before making any connections.

1. Check that the plastic connector at the end of the lead wire for each fixture is in operable condition. Insert male plastic connector into an open female port of a power connector (sold separately). See Figure 1.
2. When powering only one fixture, it is necessary to insert an end cap, LED-END-350, into any open ports to complete the series wiring. When powering fixtures such as these in series, every port of each power connector must be connected to an end cap, another power connector or a fixture. The whole set will not light if any port remains empty.
2. To connect to LED-DR16-350 or LED-DR18-350D power supplies, cut off the plastic connector of the last power connector in the series and wire to the secondary side of the driver (marked DC out), matching polarity. Connect solid red lead from fixture or power connector (positive) to red lead wire of power supply (positive). Black/red striped lead wire from load (negative) goes to Black lead of power supply (negative). Use an TL-CONBLK2 (sold separately) if desired to connect wires. See Figures 2 and 3.
3. Connect 120V AC power to the primary side matching polarity and turn on power (N = Neutral/common and L = Line/hot).

MOUNTING LED MINI SWIVEL SERIES

1. Always make sure power is disconnected before modifying, mounting or installing a series of LED Mini Swivel Lights.
2. Drill a 1-7/8" hole for LMS and LMV fixtures; or a 2-3/4" hole for LMS-3 fixtures.
3. Open steel spring clips, feed lead wires through hole, making sure that the wire are not in contact with sharp objects.
4. Release spring clips into mounting hole such that they don't pinch wires.
5. Maximum number of fixtures per series is dependent upon the power supply. Use the information at far left to determine maximum.

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Figure 1

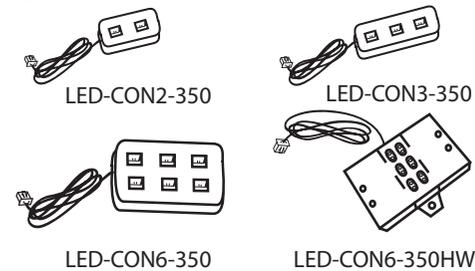


Figure 2

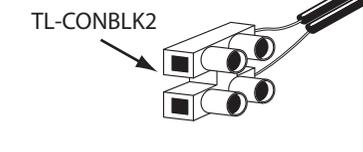
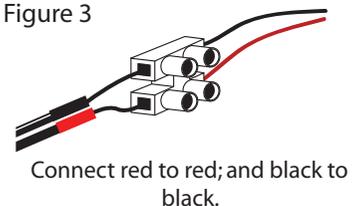


Figure 3



Wiring examples

