

LED BULLETS

Installation instructions for models 024-0001, 024-0002, 024-0003

Important

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

1. The LED Bullets are a safe low voltage lighting system that is suitable for indoor locations only.
2. Do not mount or support the LED Bullet in a manner that can cut the outer jacket or damage wire insulation.
3. Always make sure power is disconnected from the LED Bullets before cutting, mounting, attaching terminal block, attaching end cap or modifying in any way.

Do not exceed 10 watts per series in a 350ma DC configuration.

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

Specifications:

- 1 – 10 Bullets can be wired per LED Driver
- Low voltage LED Driver (350ma DC) is required
- One Watt Luxeon High brightness LED per Bullet
- Maximum total wattage per run is 10 watts (350ma DC)
- Series wired configuration only
- Recessed hole mount size: 15/16"
- Fixture height: 3/4"

Installing LED Bullets

1. Always make sure the LED Bullet is disconnected from the power source before wiring.
2. Determine the number of LED Bullets your application will require. Remember, in any case, do not exceed 10 watts for a single series wired configuration.
3. Utilizing a good pair of shears, cut the Molex connector off the 023-0002 Power Connector (See Figures 1&2).
4. Strip the insulation back 3/16" on lead wires (See Figure 3).
5. Place the stripped leads of the 023-0002 into one side of the TL-CONBLK2 connector (See Figure 4) and tighten screws (See Figure 5).
6. Place stripped leads of plug-in driver (019-0004 shown in Figure 6) into the other side of TL-CONBLK2 connector (see Figure 7) and tighten screws. When using a hardwire driver (019-0005) add some lead wire to secondary side of driver to connect to TL-CONBLK2 connector (see Figure 8).
7. For LED Bullets, check that the male Molex connector is in operable condition. If in operable condition, insert male Molex connector into an open female port of the 023-0003 (See Figures 9 &10).
8. When only powering one bullet, it is necessary to insert an end cap (023-0002 shown in figure 11) into the other open port to complete the wiring series (See Figure 12).
9. When powering multiple bullets it is necessary to use multiple power connectors, (023-0003) to link bullets together in a series. The LED Bullets will not light if the series is not completed with an end cap or bullet in the last female port of the Power Connector (023-0003) (See Figures 13 and 14).

Attaching Junction Box

1. Each TL-CONBLK2 should be placed in a compatible junction box (FSL-BOX or other similar box).
2. Disconnect power from transformer.
3. Place TL-CONBLK2 assembly into top of FSL-BOX.
4. Make sure TL-CONBLK2 assembly fits into junction box and enclose with FSL-BOX bottom. Tighten four junction box screws through bottom into top of FSL-BOX.

MOUNTING LED BULLET

1. Always make sure power is disconnected before modifying, mounting or installing a series of LED Bullets.
2. Drill a 15/16" hole in mounting surface.
3. Feed wires through hole and insert Bullet into cabinet.
4. Make sure that the wire are not in contact with sharp objects, or pinched in any way.
5. Maximum wattage per series is 10 watts at 350ma DC. Add the number of bullets and respective wattage to assure you did not exceed the maximum wattage.
6. In situations where Bullets are mounted continually facing down, we suggest affixing the fixture with a small amount of silicon to secure the fixture in place.

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LED BULLET INSTRUCTIONS

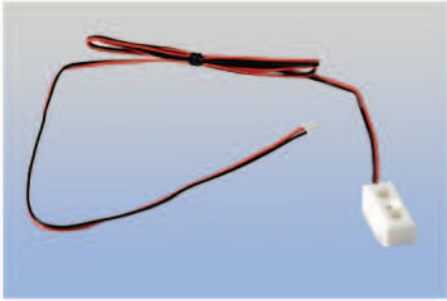


Figure 1



Figure 2

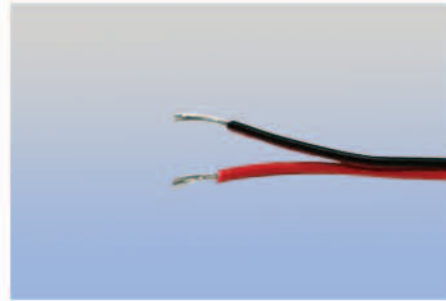


Figure 3



Figure 4



Figure 5



Figure 6

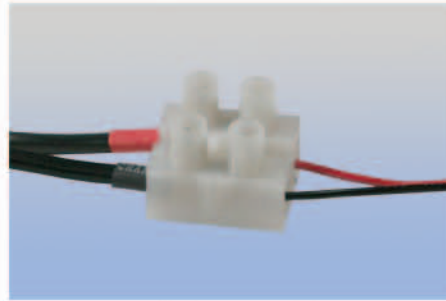


Figure 7

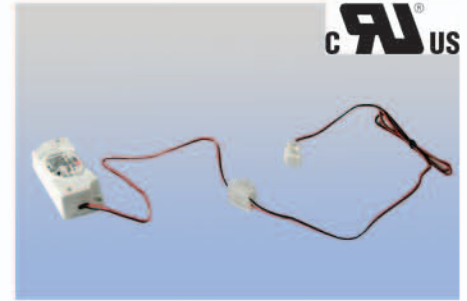


Figure 8

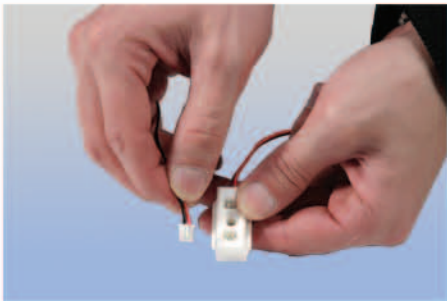


Figure 9



Figure 10



Figure 11



Figure 12



Figure 13

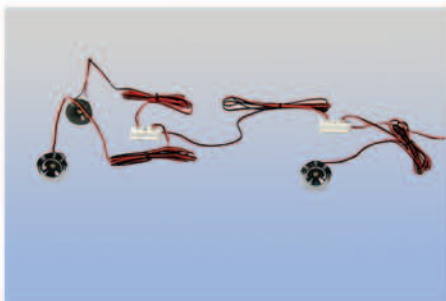


Figure 14