

Safety and Installation Instructions Kichler 15760BK – LED Driver-Controller

This product must be installed and maintained in accordance with the National Electric Code and/or with the local inspection authorities having jurisdiction.

WARNING:

- **FOR OUTDOOR USE ONLY**
- This unit is to be used with a power unit (landscape transformer) rated for a maximum of 300W (25Amps) 15 Volts approved for use with landscape lighting systems.
- This unit is not to be installed within 10ft [3 m] of a pool, spa or fountain.
- #8, 10 or 12 gauge main run wire intended for direct burial must be buried minimum of 6 inches [152 mm] below the surface.
- **NOTE: If more cable is needed contact your local Kichler Landscape distributor.**
 - 8 GA wire can be purchased in length of 250' (76 M), K-15503-BK.
 - 10 GA wire can be purchased in length of 250' (76 M), K-15504-BK.
 - 12 GA wire can be purchased in lengths of 100' (30 M), K-15501-BK; 250' (76 M), K-15502-BK; 500' (152M), K-15505-BK; and 1000' (304 M) K-15506-BK.

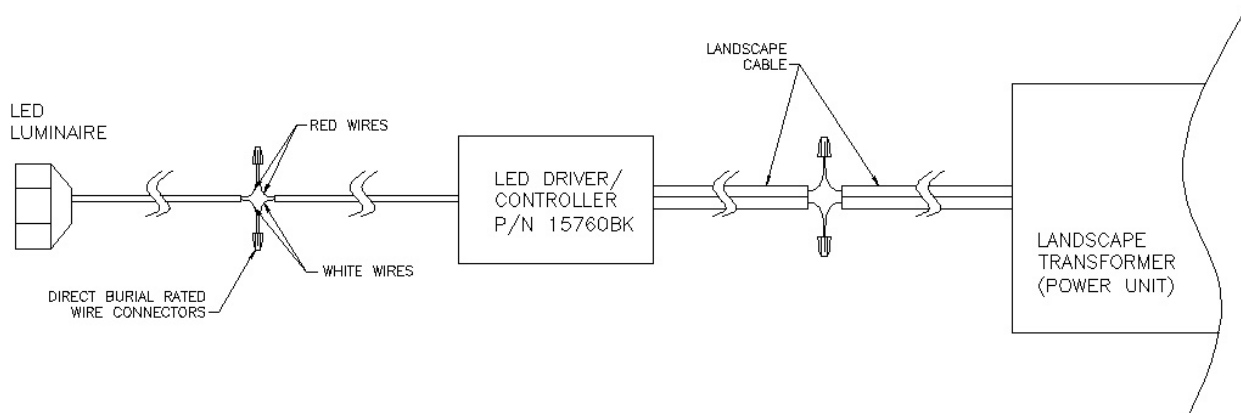
Specifications: Input: 10-15VAC (from Transformer); Output: 13.5 VDC, 40Watts max.

- **NOTE:** LED luminaire(s) must be connected to an LED driver/controller that provides 13.5VDC, 350mA to each luminaire. DO NOT connect luminaire(s) directly to AC Transformer.

Installation:

The power consumed by the LED luminaire and this driver must be considered when calculating the total load on the landscape transformer. Refer to LED luminaire specifications for determining the correct wattage. This driver is limited to 40 Watts maximum output.

1. TURN OFF POWER.
2. Locate LED luminaire(s) as desired. Up to 40 Watts of LED light heads (10 pcs. 15700/15710 BK or 2 pcs. 15705/715BK) can be used per driver.
3. Connect the LED luminaire(s) to the output leads of the driver. **IMPORTANT NOTE:** Lead connections are polarized. (If leads are connected incorrectly, luminaire will not operate at all, however no damage will occur to the luminaire.) Connect the positive (+) lead(s) to the corresponding red (+) lead of the driver. Connect the negative (-) lead(s) to the remaining white (-) driver lead. Connections must be made with suitable direct burial rated wiring connector (not supplied).
4. Connect input side of LED driver to AC Low Voltage Landscape Transformer providing 10-15VAC.
5. The driver is equipped with diagnostic indicator lights. If the Red LED is illuminated, the input voltage is too high or too low, or there are too many LED fixtures attached to the driver, or there is a short in the LED system. Check wiring and repair any problems. If Green LED is illuminated, system is wired correctly and ready for burial.
6. Bury all direct burial cable, cable connections and LED driver a minimum of 6" (15cm) below the surface of the ground.



There are no user-serviceable or replacement parts for this LED driver.