

## TECHNICAL CONSIDERATIONS (NOT FOR UL FIELD REPRESENTATIVE USE):

The construction and performance of the representative models of the series were in accordance with the safety requirements specified in the following standards that are referenced in the standard for LIGHT EMITTING DIODE (LED) LIGHT SOURCES FOR USE IN LIGHTING PRODUCTS, UL8750 (first Ed.)

USR - Indicates investigation to the standard for light emitting diode (LED) light sources for use in lighting products, UL8750, first edition

CNR - Indicates investigation to Canadian standard for General Use Power Supplies, C22.2 No. 107.1-01, reaffirmed 2006

Use - For use only in (or with) complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability - When installed in the end-use equipment, the following are among the considerations to be made:

Conditions of Acceptability -

1. The drivers shall be installed in compliance with the mounting, spacing, casualty, and segregation requirements of the ultimate application.
2. The drivers are suitable for use in "DRY" and "DAMP" locations
3. The primary circuit leads are 18 AWG, rated VW-1, 600 V, 105°C, and the output leads are 18 AWG, rated VW-1, 300 V minimum. The dimming circuit leads are 22 AWG, rated VW-1, 300 V minimum. The suitability of the input and output leads shall be determined in each end use application.
4. The case temperature at the location identified "Tc" as shown in Illustration- 1 should not exceed 90 °C when the drivers are installed in the end-use application.
5. The housing of these drivers was not evaluated to determine the suitability as an ultimate enclosure. Therefore, the drivers must be installed inside the enclosure of the end-use application.
6. The input and output leads were not subjected to the strain relief test. However, the drivers are completely filled with potting compound.
7. If the Leakage current measurements are required in the end-use application, the test shall be performed on the combination at the equipment connection in the end-use product.
8. As required in paragraph 7.4.2.2 of UL8750 standard for Field-wiring leads, the primary, Green or Green/Yellow Stripe Grounding lead is 18-AWG and is directly connected to the case of the driver with a closed loop crimp-on type connector screwed directly to a case mounted lug.
9. The dimming circuit is isolated from the primary circuit and is considered part of the output Secondary circuit.

### Mechanical Dimensions: Inches [mm]

Material: Black Aluminum Housing

Fully Encapsulated

Weight: 690 grams (24.4 oz) Typical

