

## Conditions of Acceptability

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

1. The drivers are suitable for use in "DRY" and "DAMP" locations.
2. The units shall be installed in compliance with the mounting, spacing, casualty, and segregation requirements of the ultimate application.
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 maximum available parameters at the output of drivers were found in compliance with the maximum allowable limits for Inherently Limited Class 2 source.
6. In the end-use application, power supplies with maximum measured output voltage of 30 V continuous DC but less than 60 V continuous DC are considered to supply "Class 2 Not Wet, Class 3 Wet." Therefore, if the wiring extends into areas where wet contact is likely, this indicates that Class 3 wiring is required to be used in accordance with Article 725 of the National Electrical Code.
7. As required in paragraph 7.4.2.2 of UL8750 standard for Field-wiring leads, the primary, Green Grounding lead is 18-AWG and is directly connected to the case of the driver with a closed loop crimp-on type connector, screw, a washer, and a nut.
8. 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.
9. 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. However, the maximum measured leakage current measured in accordance with UL1310 standard of the representative models was 0.38 mA while was connected to a 240 V (Mid-Point Grounded) source of supply.
10. The input and output leads were not subjected to the strain relief test.
11. The driver was not tested with dimmers. The case temperature shall be measured in end-use application that are intended for connections and use with dimmers.
12. The dimming circuit is isolated from the primary circuit and is part of the "Class 2" output Secondary circuit.

- 13. Drivers with output voltages greater than 36 V DC are only USR R/C (FKSZ2) drivers with Class 2 output. And, the output voltage of these drivers exceeds the maximum allowable limit of 42.4 V peak or DC as specified in CSA Canadian Standard for Power Supplies with Extra-Low-Voltage Class 2 Outputs, CAN/CSA-C22.2 No. 223-M91.

