

## PRODUCT COVERED:

USR/CNR – Components, LED Drivers with Class 2 outputs, series PLED75W-NNN-CXXXX-YY.

Where:

- NNN: May be substituted with 015, 020, 024, 027, 036, 042, 048, or 054;
- CXXXX: Is optional. When provided, the XXXX may be substituted with a Four-Digit number that is between 0000 and the maximum value specified in the following table for the rated output voltage:
- YY: May be replaced any alphanumeric characters of blank

USR/CNR Models:

Model Number	"NNN"	Maximum "XXXX"
PLED75W-036-C2100	036	2100
PLED75W-027-C2800	027	2800
PLED75W-024-C3130	024	3130
PLED75W-020-C3750	020	3750
PLED75W-015-C5000	015	5000

USR Models:

Model Number	"NNN"	Maximum "XXXX"
PLED75W-054-C1400	054	1400
PLED75W-048-C1560	048	1560
PLED75W-042-C1790	042	1790

CNR Models: The following models are considered to employ Isolated, Non-Class 2 outputs:

Model Number	"NNN"	Maximum "XXXX"
PLED75W-054-C1400	054	1400
PLED75W-048-C1560	048	1560
PLED75W-042-C1790	042	1790

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

Conditions of Acceptability-

1. The units shall be installed in compliance with the mounting, spacing, casualty, and segregation requirement 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. 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.
6. 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.
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. However, the maximum measured leakage current measured in accordance with UL1310 standard of the representative models PLED75W-054-C1400-D and PLED75W-015-C5000-D was 0.12 mA while was connected to a 240 V (Mid-Point Grounded) source of supply.
8. The input and output leads were not subjected to the strain relief test. However, the drivers are completely filled with potting compound.
9. As required the 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.
10. The dimming circuit is isolated from the primary circuit and is part of the "Class 2" output Secondary circuit.

