

Conditions of Acceptability: (LED39WPR-056-C0700-BD)

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

1. Rated output loading for this product was achieved using resistive loads and electronic loads. The temperature tests were performed at nominal 40 °C ambient for Type TL, and additionally performed at 55.0 °C ambient for non-Type TL.
2. For Type TL, during the normal temperature test of the end product, the temperature at Tc is to be monitored. The absolute value at Tc cannot exceed 67 °C. This value was calculated based on temperatures observed during testing and temperature ratings of the integral components including the electrical insulation system.
- 2A. For non-Type TL, the temperature tests were performed at nominal 55 °C ambient. The 58.2 °C maximum ambient temperature was then calculated based on temperatures observed during testing and temperature ratings of the integral components including the electrical insulation system. During the normal temperature test of the end product, the temperature at the temperature reference point is to be monitored. The absolute value at the temperature reference point (Case surface above T101) cannot exceed 81.9 °C.
3. As part of temperature testing, the case temperature at Tc was monitored. During the normal temperature test of the end product, the temperature at Tc is to be monitored. The absolute value at the temperature reference point cannot exceed Tref max value, 66 °C for Type TL and 81 °C for non-Type TL.
4. This product utilizes a UL Recognized OBJY2 Class B (130) electrical insulation system.
5. This product is intended for building in. Acceptability of the LED driver- with respect to mounting, spacing, casualty, temperature and segregation- is to be determined as part of the end device evaluation.
6. This product is provided with Push-in terminals for supply connection. These terminals are intended for use with 16~18 AWG stranded or solid copper conductors with Approx. 3/8 inch (9.5 mm) strip length, and suitable for field and factory wiring. And this product is provided with Push-in terminals for load connection. These terminals are intended for use with 16~20 AWG stranded or solid copper conductors with Approx. 3/8 inch (9.5 mm) strip length, and suitable for field and factory wiring.
7. This product is dimmable using a low voltage 0-10 V interface. This interface is a source, since the product provides the source of supply for the interface.

Conditions of Acceptability (CONT'D):

8. The product has been judged on the basis of the required spacings as indicated in the standard for Light Emitting Diode (LED) Equipment for Use in Lighting Products, UL 8750 in addition to the standard for Insulation Coordination Including Clearances and Creepage Distances for Electrical Equipment, UL 840, and Light Emitting Diode (LED) Equipment for Lighting Applications, CSA C22.2 No. 250.13-14.
9. The unit employs input surge suppression protection suitable for use in Type 3 SPD application. The suitability of the use shall be determined in the end-product application.
10. The grounding means shall be considered in each end use application.
11. The product is intended to be operated in a maximum 20 A branch circuit.
12. Outer Case have not been invested for final enclosure, the suitable enclosure shall be provided in the end-use product.
13. For Input Terminal Block (CN1), the limit of temperature test was applied to ambient added 30 °C.
14. These products are marked suitable for dry/damp locations. Additional considerations will be necessary as these LED drivers are integrated into wet rated end devices (i.e. input and output supply connection means, accessibility of the output based on maximum voltage restrictions for wet rated Class 2 circuits, acceptability of markings, etc.).
15. Based on maximum voltage restrictions for Class 2 circuits in the Canadian Electrical Code, the output cannot be accessible. The output terminals of the end product should be evaluated to confirm compliance with this accessibility requirement, either based on output terminal design or based on manufacturer specifications for its use in restricted access areas only. The latter option will require markings on the end product as well as the installation manual.