

## DFC-OEM-DBI

This device is a Component, Drivers for Light-emitting-diode Arrays, Modules and Controllers

Devices have been investigated to United States requirements for the Light Emitting Diode Equipment for Use in Lighting Products, UL 8750; the Standard for Information Technology Equipment – Safety – Part 1: General Requirements, UL 60950-1 and the Standard for Class 2 Power Units, UL 1310. Also to Canadian Standard for Information Technology Equipment – Safety – Part 1: General Requirements, CAN/CSA-C22.2 No. 60950-1-07.

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

### Electrical Ratings:

The output has been evaluated as Constant Voltage Class 2, Clause 7.12.1

Operating Temperature: 60°C

Environmental: Dry or Damp

Input (Branch Circuit)			Output	
Voltage	Frequency	Current	Voltage	Current
120 – 277 Vac	50/60 Hz	0.05A	18 Vdc	60 mA

**Conditions of Acceptability** - The following shall be considered in determining the acceptability:

1. Rated output loading for these products was achieved using electronic loads.
2. The temperature tests were performed at nominal 60°C ambient. The 60°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. Maximum temperature measured on outer surface (Under transformer T1, label down) is 66.8°C.
3. All models utilize a UL Recognized OBJ2 Class B (130°C) electrical insulation system.
4. These products are 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.
5. The LED drivers are intended for use in dry and damp locations. Other uses shall be determined as part of the end device evaluation.
6. The Leakage Current test was conducted for these models. Based on end use requirements and the construction presented, this test may need to be performed as part of the end product evaluation.