

Best-in-Class Dimming Performance. High Efficiency.

High Performance, TRIAC Dimmable LED Driver

National's industry-leading TRIAC dimmable offline LED driver solution is perfect for any application where an LED driver must interface to a standard triac wall dimmer. National's new TRIAC dimmable LED driver delivers a wide, uniform dimming range free of flicker, best-in-class dimming performance, and high efficiency—all while maintaining ENERGY STAR® power factor requirements in a typical application.

- ✓ *Online design tools*
- ✓ *Reference designs*
- ✓ *Application notes*



Full Range Dimming Capability

National's TRIAC dimmable LED driver offers 100:1 full range dimming capability, going from full light to nearly imperceptible light in a continuous range without being extinguished, and maintains a constant current to large strings of LEDs driven in series off of a standard line voltage.

Easy To Use

National's TRIAC dimmable LED driver enables a direct replacement of incandescent or halogen lamp systems that are currently interfaced to a TRIAC dimmer without having to change the original infrastructure or sacrifice performance. In addition, the new TRIAC dimmable LED driver is available in WEBENCH® LED Designer to allow for easy and quick design in.

Uniform Dimming Without Flicker

National's TRIAC dimmable LED driver allows master-slave operation control in multi-chip solutions which enables a single TRIAC dimmer to control multiple strings of LEDs with smooth consistent dimming, free of flicker.