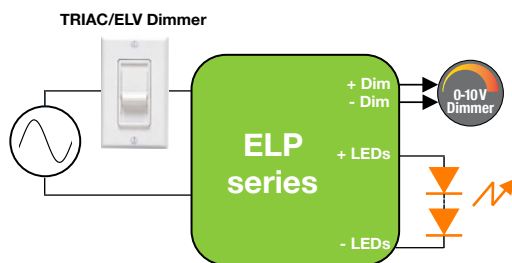


Constant-Current LED Drivers with Flicker-Free Phase-Cut, Forward and Reverse-Phase, Dimming


Input Voltage	Max. Output Power	Output Voltage	Output Current	Efficiency	Max. Case Temperature	Power Factor	Dimming Method	Dimming Range
120 or 230 Vac nominal	18 W	8 to 41 Vdc	250 mA to 1.4 A CC	≥ 80% typical	90°C (measured at the hot spot)	> 0.9	Forward-Phase, Reverse-Phase	10 - 100% (% of Iout)

CC: Constant Current



Plastic Case
 L 82 x W 56 x H 29 mm
 (L 3.23 x W 2.20 x H 1.14 in)

FEATURES

- **NOT RECOMMENDED FOR NEW DESIGNS. FOR NEW DESIGNS, USE THE EBR SERIES.**
- Active power factor correction (PF) > 0.9 (PF ≥ 0.8 for 230 Vac models below 10 W)
- Compatible with industry standard TRIAC (forward-phase or leading-edge) and ELV (reverse-phase or trailing-edge) phase-cut dimmers
- Short circuit, over-current, over-voltage, and over-temperature protection with auto-recovery
- Conducted and radiated EMI: FCC CFR Title 47 Part 15 Class B at 120 Vac and EN55015 (CISPR 15) at 220/230/240 Vac
- Complies with ENERGY STAR® luminaire specification 
- IP20-rated case with silicone-based potting
- 94V-0 flammability rating
- 90°C maximum case hot spot temperature
- Lifetime: 50,000 hours min at 70°C case temperature
- Class 2 power supply

APPLICATIONS

- Commercial lighting
- Residential lighting
- Architectural lighting
- TRIAC retrofits

