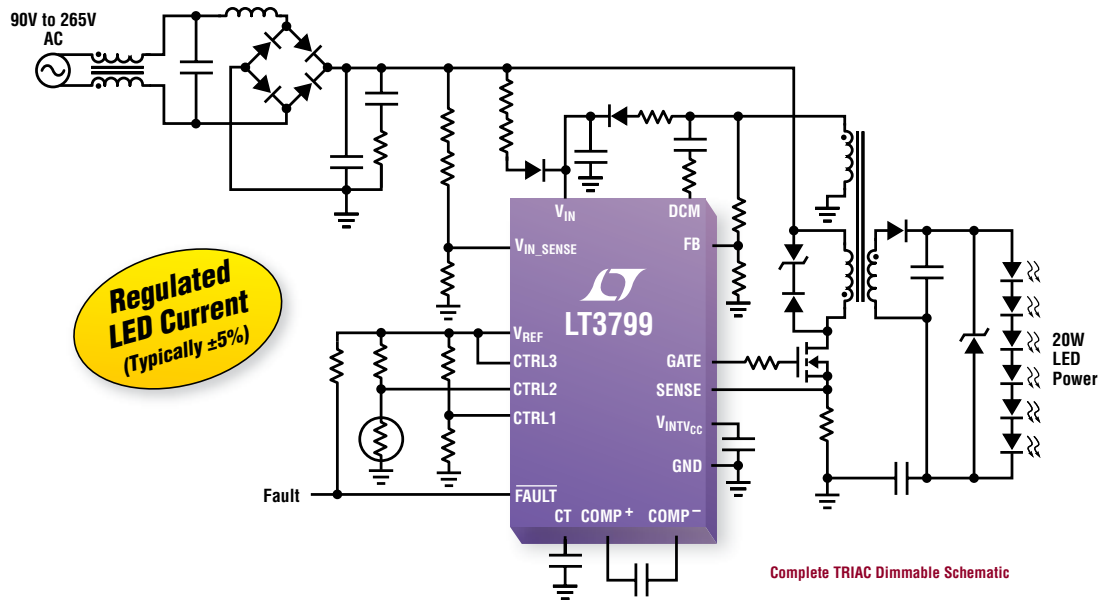


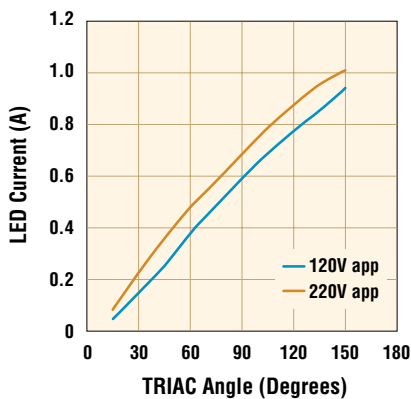
Isolated LED Current Control with Active PFC



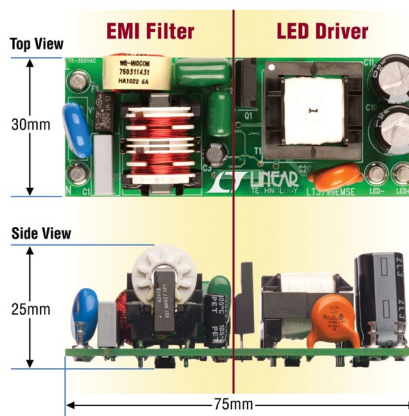
TRIAC Dimmable LED Driver Needs No Opto-coupler

Our LT[®]3799 isolated LED controller with active power factor correction (PFC) is specifically designed for driving LEDs over a wide input range of 24V to 480V+. It is ideal for LED applications requiring 4W to over 100W of LED power and is compatible with standard TRIAC in-wall dimmers. The LT3799's unique current sensing scheme delivers a well regulated current to the secondary side with no opto-coupler, enabling it to provide $\pm 5\%$ LED current accuracy. It also offers low harmonic distortion while delivering efficiencies as high as 90%. Open and short LED protection ensures long term reliability and a simple, compact solution footprint addresses a wide range of applications.

LED Current vs TRIAC Angle



LT3799 Demo Board (25W)



Info & Free Samples

www.linear.com/product/LT3799

1-800-4-LINEAR



Free Power Management for LEDs Brochure

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