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(54) MULTIFUNCTIONAL LED DIMMING POWER WITH DIMMING, COLOR ADJUSTMENT AND VOLTAGE ADJUSTMENT FUNCTIONS

(71) Applicant: Zhuhai Shengchang Electronics Co., Ltd., Zhuhai City (CN)

Inventor: Guobiao Wen, Meizhou City (CN)

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(57)ABSTRACT

The present invention provides a multifunctional LED dimming power supply with dimming, color adjustment and voltage adjustment functions. The power supply driver is connected to a first power MOS tube, a second power MOS tube, a voltage regulation circuit, and a dimming and color control module; the dimming and color control module is connected to a voltage regulation circuit, an external dimmer signal collection input circuit, a potentiometer, a mode switching four-shift switch, a first power MOS tube and a second power MOS tube; the first MOS drive circuit is connected to the second power MOS tube; the second MOS drive circuit is connected to the first power MOS tube. The multifunctional dimming power supply provides the PWM dimming, color temperature adjustment and DC dimming functions to satisfy most LED lamps on the market and facilitate users to choose the products while providing a very high price-performance ratio.

