

SMT LED Drivers Feature Constant Current Output



MicroPower Direct's LDF24E Series of DC/DC LED drivers is designed to power/control high brightness LEDs. These units feature a constant current output; analog and PWM dimming; control and efficiency to 96 percent. Five models operate from a wide input voltage range and provide constant current outputs of 300 mA, 350 mA, 500 mA, 600 mA or 700 mA. Their step down DC/DC design allows them to drive LED strings up to 36 VDC. The MTBF (per MIL HDBK 217F) of the LDF24E Series is >2.0 Mhours. All models come in a miniature SMT package. The 300 mA and 350 mA models are specified for operation over the industrial operating temperature range of -40°C to +85°C ambient with no derating or heat sinking required (other models are specified to +71°C). Cooling is by free-air convection. The LDF24E series is appropriate for use in a wide variety of applications featuring LED lamps.

MicroPower Direct

781-344-8226, www.micropowerdirect.com [1]

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