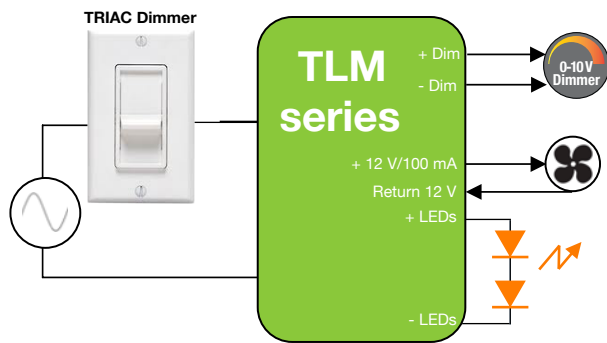


Tri-Mode Dimming™ (TRIAC, ELV & 0-10 V), High Power, CC LED Drivers with 1-100% Dimming Range And with 12 V / 100 mA Auxiliary Output

Input Voltage	Max. Output Power	Output Voltage	Output Current	Efficiency	Max. Case Temperature	THD	Power Factor	Dimming Method	Dimming Range
120 to 277 Vac typical	160 W	30 to 85 Vdc	1.8 to 2.1 A CC	up to 90% typical	90°C (measured at hot spot)	< 20%	> 0.9	Forward-Phase, Reverse-Phase & 0 - 10V	0.01 - 100% (% of Iout)

CC: Constant Current



Aluminum Case
L 101.6 x W 50.8 x H 38.5 mm
(L 4 x W 2 x H 1.52 in)

Ordering Part Number	Input Voltage Range (Vac)	Max Output Power (W)	Iout (A)	Vout min (Vdc)	Vout Nom (Vdc)	Vout Max (Vdc)	No Load Voltage (Vdc)
TLM90W: 81 to 90 W							
TLM090W-2.1-42	120 to 277	88.2	2.1	30	37.8	42	50
TLM160W: 151 to 160 W							
TLM160W-1.8-85	120 to 277	153.0	1.8	68	76.5	85	100

Notes:

- 1) Forced air cooling or heatsink base plate (aluminum baseplate: 210mm x 200mm x 2mm) is required for total continuous power exceeding 120 W
- 2) For additional options of output current and output voltage, contact your sales representative or send an email to: SaveEnergy@erp-power.com

APPLICATIONS

- Stage. Theatrical lighting • Studio lighting



FEATURES

- Dimming range: 0.01% – 100% with ETC, Leprecon and Elation stage lighting AC phase dimmers
- +12 V/100 mA auxiliary output to power external fan, motion or ambient light sensor, or wireless module
- TRIAC and ELV dimming only at 120 Vac
- Conducted and radiated EMI: Compliant with FCC CFR Title 47 Part 15 Class A at 120 Vac & 277 Vac
- Complies with ENERGY STAR® luminaire specification and DLC (DesignLight Consortium®) technical requirements
- IP66-rated case with silicone-based potting
- 90°C maximum case hot spot temperature
- Worldwide safety approvals



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