



ColorStars LED Driver LP1090-19-GG-240

AC to DC Switch Power Supply 95 Watts

FEATURES:

- Universal input voltage 90~264Vac
- PFC design meets EN61000-3-2,-3-3 Class D
- DC output with constant voltage (12-19VDC) (adjustable)
- Wattage output capacity: 95 watts
- Waterproof design - IP64, NEMA3 for dry, damp and wet locations
- Convection cooled, aluminum housing with gland type end plates
- UL 1310 and UL48 Class 2, cUL, FCC B, CE
- Three-year warranty



SPECIFICATIONS:

cUL[®]us FC CE IP64

AC Input Range: 90~264Vac/ 1.5A~0.75A/ 47~63Hz	Load Regulation: ±5%
Input Inrush Current: <20A/115Vac, <40A/230Vac	Operation Temp.: -30°C~+50°C
Leakage Current: <0.2mA/115Vac, <0.4mA/230Vac	Temp. De-rating: 1% per °C at 50~70°C
Power Factor: >0.92 at full load, 115Vac, 230Vac	Storage Temp.: -40°C~+85°C
Current Crest Factor (Ipk): 1.5 max.	MTBF (@25°C): >100,000 hours, MIL-217F
Total Harmonic Distortion: 20% max.	Safety: UL1310 and UL48 Class 2, cUL, CE, FCC B
Efficiency: 85% typical	Compliance: EMI EN55022 B, 55011 B, IP64, NEMA3
Protection: OCP, SCP - auto recovery	Weight: 750 grams typical

MODEL LISTING:

Model	Constant Voltage MODE		Watts Output Max.
	Vdc-Output adjust. range	Output Current Max. range (50°C)	
LP1090-19-GG-240	12~19V	2~5.00A	95W

Maximum Number of LED Lamps Powered

TriStar Single Color	TriStar RGB Lamps				EZStar RGB			GemStar		
MR16	MR16	SMART	Master	Slave	10cm	20cm	30cm	10cm	12cm	24cm
15	12	12	11	12	12	6	-	17	17	7

MECHANICAL DRAWING:

MODEL INFORMATION:

LP1090 - XX - YZ - E

XX = Voltage Rating

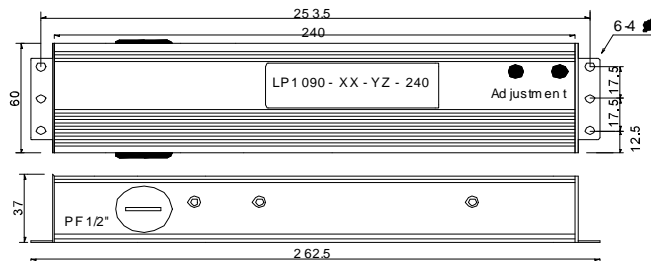
Y = AC Input End Plates

(See mechanical drawing)

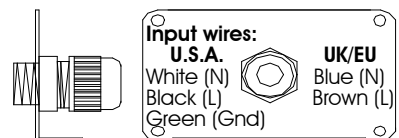
Z = DC Output End Plates

(See mechanical drawing)

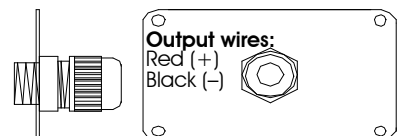
E = Aluminum Housing Length



AC Input Connector Y = G
G = GLAND (GL-13)



DC Output Connector Z = G
G = GLAND (GL-13)



ColorStars Group

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