

Benefits

- Highly reliable, rugged construction for indoor or outdoor applications
- True 0-10 volt dimming, IEC 60929 compatible
- 1% current regulation and no flicker
- Color coded flying leads for simple assembly and installation

Features

- Universal Input (100-308 VAC, 50/60Hz)
- Ingress protection to IP67
- -30 to +75°C ambient, 80°C maximum case temperature
- Flying Leads for AC and LED connections
- 3000 VAC Isolation
- EN 55022, Class B; FCC Part 15, Class B
- Meets UL/CSA and EN Product Safety Requirements
- Overcurrent, short circuit (shorted string), open circuit (string break) and overload protected

Operating Specifications

(@120VAC / 60 Hz / 25°C unless otherwise specified)

Electrical		Environmental	
Input Voltage Range	100-308 VAC (50/60Hz)	Operating Temperature	-30 to 75° C
Output Power (Pmax)	6 W nom (50/60Hz)	Case Temperature, maximum	80° C
Output Current	0-44mA	Storage Temperature	-40 to 85° C
String Voltage	3 – 21 VDC	Ingress Protection	IP67
Dimming	0 -10 VDC	Mechanical	
Efficiency	Up to 54%	Package Size (L x W x H)	1.9 x 1.74 x 0.94 inches
Isolation	3000 VAC (meets UL/CSA & EN Product Safety)	Lead Length	11", 18AWG 600V class
Earth Leakage @ 120 VAC	< 10 uA	Safety and Standards	
Short Circuit Protection	Continuous, Pin ≤ 0.7 w @ 120 VAC	Safety Compliance	UL: 60950-1, 2nd Ed./CSAC22.2 60950-1 -07 2nd Ed.
Reliability @ 25° C, MIL HDBK-217F	> 500 Khr MTBF	EMI Emissions	EN 55022, Class B, FCC Part 15, Class B
0-10 VDC Dimming	Per IEC 60929, Annex E	Standards Compliance	IEC61347-1, IEC61347-2-3
Line Regulation, Io (Peak)	+/- 1%, Po < Pmax	Compatible with OLEDWorks, LLC "Brite Amber" OLED Light panel. See OLEDworks.com/products/amber-oled for more details	
AC Input Connections	Line BLK, Neutral WHT		
DC Output Connections	Pos(+) RED, Neg (-) BLU		
Dimming (0-10 VDC) Connections	Adjust PUR/Com GRY		

