

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	
Input Voltage Range	100-308 VAC (50/60Hz)
Output Power (Pmax)	6 W nom (50/60Hz)
Output Current	0-44mA
String Voltage	3 – 21 VDC
Dimming	0 -10 VDC
Efficiency	Up to 54%
Isolation	3000 VAC (meets UL/CSA & EN Product Safety)
Earth Leakage @ 120 VAC	< 10 μ A
Short Circuit Protection	Continuous, Pin \leq 0.7 w @ 120 VAC
Reliability @ 25° C, MIL HDBK-217F	> 500 Khr MTBF
0-10 VDC Dimming	Per IEC 60929, Annex E
Line Regulation, Io (Peak)	+/- 1%, Po < Pmax
AC Input Connections	Line BLK, Neutral WHT
DC Output Connections	Pos(+) RED, Neg (-) BLU
Dimming (0-10 VDC) Connections	Adjust PUR/Com GRY

Environmental	
Operating Temperature	-30 to 75° C
Case Temperature, maximum	80° C
Storage Temperature	-40 to 85° C
Ingress Protection	IP67
Mechanical	
Package Size (L x W x H)	1.9 x 1.74 x 0.94 inches
Lead Length	11", 18AWG 600V class
Safety and Standards	
Safety Compliance	UL: 60950-1, 2nd Ed./CSAC22.2 60950-1 -07 2nd Ed.
EMI Emissions	EN 55022, Class B, FCC Part 15, Class B
Standards Compliance	IEC61347-1, IEC61347-2-3

Compatible with OLEDWorks, LLC "Brite Amber" OLED Light panel. See oledworks.com/products/amber-oled for more details

