

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

Operating Specifications

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

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

| 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

