

15W, 12V Constant Voltage LED Driver For Commercial Applications

Features & Benefits

- USA and Europe input 120-240VAC
- IP67 rated encapsulation for Dry or Damp location
- Compact white case
- Class 2 Power Supply for human safety
- Includes mounting tabs for mechanical attachment
- Short circuit, current/voltage overload and over temperature protection circuitry



Compatible LED Drivers or Modules

Nominal DC Output to Module See Table 1

Ratings and Performance Specifications

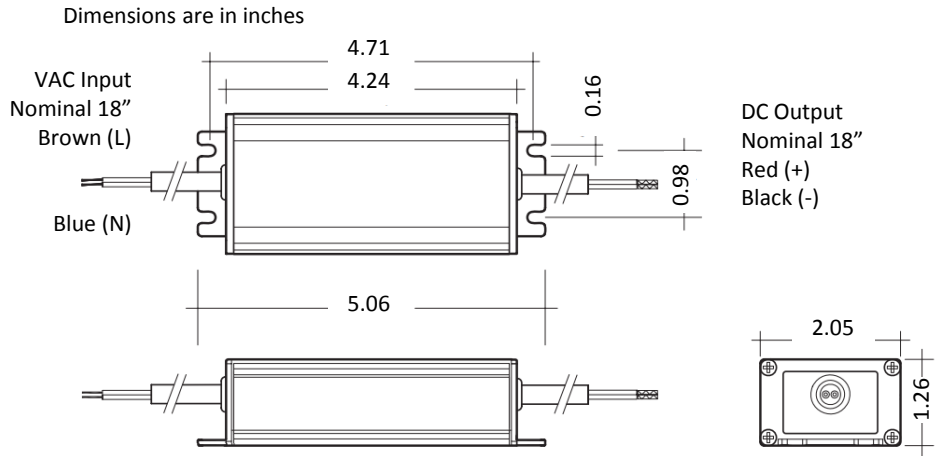
Maximum Driver Case Temperature (@ designated Tmp) +70°C
Maximum Operating Ambient Temperature (Ta) at 90% relative humidity..... -25 to +50°C
Recommended Screw Installation Torque 75 inch ounces
Nominal Power Factor @ 120VAC > 0.93
Nominal Weight 400 grams
Safety/Compliance UL Recognized File E213411
Designed to meet FCC Part 15B

Application Notes

1. The proper driver case temperature at designated (Tmp) is critical to ensure proper performance and long life. Operating temperature is specified for free-air convection cooling. Careful design consideration required for factors such as ambient conditions (for example weather and surrounding atmosphere inside sign) and proximity to heat generating components.
2. UL Condition of Acceptability in the end product: power supply spacing to other heat producing components (including other power supplies) shall be minimum 2 inches spacing to sidewalls, and minimum 2 inches spacing to top of enclosure.
3. Abnormal operating conditions such as elevated ambient temperatures can be expected to negatively impact output, product lifetime and/or product performance.

PS15-12V-108264-DE

Physical Dimensions



Performance Characteristics, Table 1

Part Number	Output Power Range (DCW)	Nominal Input Voltage (VAC)	Output Voltage Range (VDC)	Maximum Output Current (ADC)	Nominal Efficiency @ Max Load @ 120VAC	Nominal Power Factor @ Max Load @ 120VAC
PS15-12V-108264-DE	1 - 15	120 - 240	11.64 - 12.36	1.25	75%	0.40

Packaging

Product is marked with SKU and lot information. Product is sold in groups of (20) unit(s).

Warranty

5-Year limited warranty in accordance with published warranty conditions. Product must be used with compatible components (modules, drivers, engines and/or accessories) and no maximum ratings (such as Tmp) shall be exceeded during any expected operating conditions of the system. If product is used with other manufacturer's product, compatibility must be recognized in writing by Permlight Technologies.

Permlight Technologies owns the following United States patents of which one or more may be applicable to the design and/or manufacture of this product: 6712486, 6578986, 6846093, 7114831, 7306353, 7102172, 7108396, 7329024, 7387406, 7582911, 7649327, 8926145, 8729810. Additional granted patents, patents pending and other IP protection rights may apply.