LED-100W-PS1-24

Switch Mode Constant Voltage LED Driver

Thomas Research Products

Rev 11-13-2017

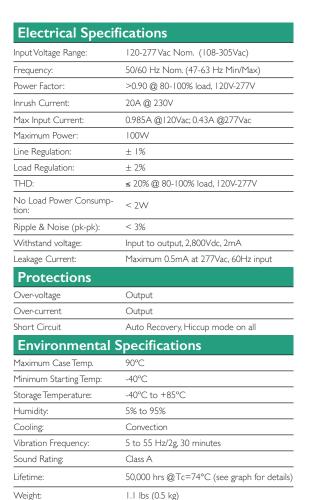














Constant Voltage Models

Part	Model	Output Voltage (Vdc ±5%)	Output Current Range (mA)	Max. Output Power (W)	Typical Efficiency
93057477 •	LED100WPS1-24 •	24	0-4150	100	88%

Indicates S.A.M.

Class 2: US/Canada

Safety Cert.	Standard			
UL/CUL	UL8750, UL879, CAN/CSA-22.2 No. 250.13-12			
CE	EN61347-1, EN61347-2-13			
EMC Standard	Notes			
FCC, 47CFR Part 15	ANSI C63.4:2009 Class B (Consumer Limit)			
FN61000-3-2	Harmonic Current Emissions Class C			

• Total Power: 100 Watts

Constant Voltage with IsolationInput Voltage: I 20-277 Vac Nom.

• UL Dry & Damp Location Rated

• UL Type HL Rated for Hazardous Locations

• UL Sign Components Manual (S.A.M.)

White Steel Case5 year warranty

• UPDATED TO UL CLASS P

Note:

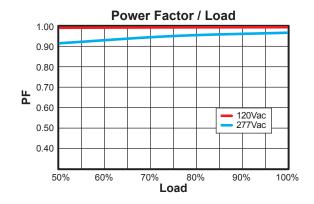
LED drivers are designed and intended to operate LED loads only. Non-LED loading may be outside the specified design limits of our LED drivers, and therefore cannot be covered by any warranty. If you desire to use our LED drivers to operate non-LED loads please contact us to discuss compatibility.



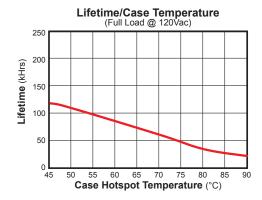
Dimensions IN [mm] 18.0 Min [457.2 Min] 18.0 Min [457.2 Min] 8.9 [226.0] OUTPUT INPUT Case must be grounded. 1.69 [43.0] WIRE SPECS: Input Leads: UL 1316, 18 AWG, rated 600 V, 105C, min. Output Leads: UL 1316, 18 AWG, rated 600 V, 105C, min. All wires are stranded with solder dipped ends.

Power Characteristics

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PRODUCT NOTES:

- Rev A: UL Recognized for US and Canda
- Rev B: UL Listed for US and Canda, 5/2017

Note: The area under the life-temperature curve represents where the driver has highly reliable operation within specification. Driver performance may drift out of published specifications as the hours of operation exceed the curve at a given temperature. Higher operating temperatures increase the chances of a failure to function. Other electrical, mechanical and environmental factors affect driver lifetime but are not represented in this calculation.

UL Conditions of Acceptability

See website for additional information

