

50W, Dual Outputs, Dual Dimming Programmable

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FEATURES

Universal Input:	120 to 277VAC
High Efficiency:	>85%
High Reliability:	5-Year Warranty
Approvals:	UL1310 Class 2 UL 8750 - Class P Listed
Environmental:	RoHS & REACH
2 Independent Outputs	2 Dimming Lines 0-10V

TYPICAL ELECTRICAL SPECIFICATIONS (TESTED @ 120VAC AND FULL LOAD)

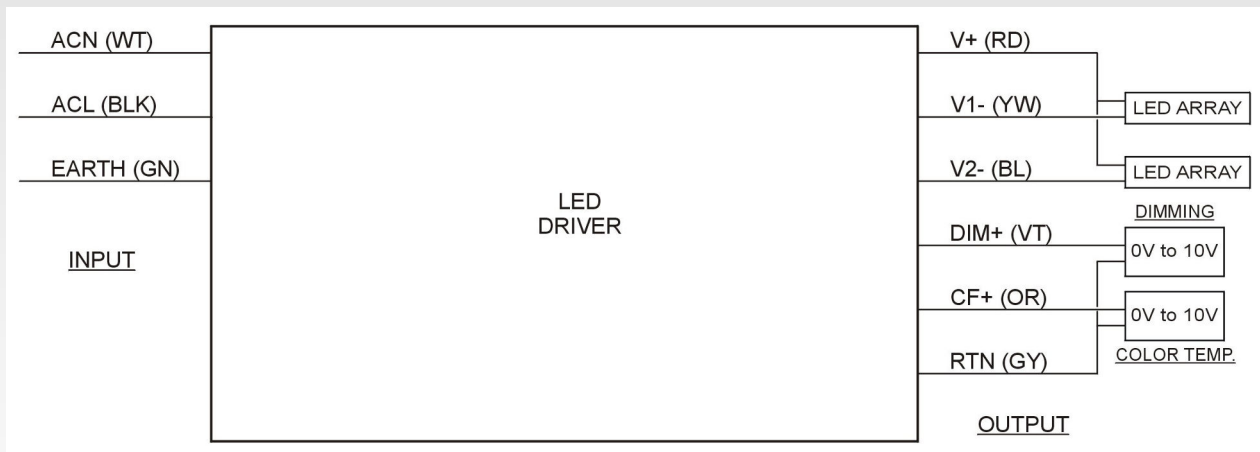
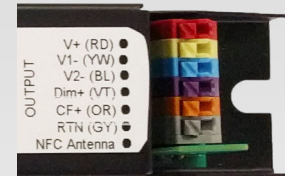
Output Power	Output Voltage	Output Current	Efficiency	Frequency	Max. THD	Min. Power Factor	Dimming
50W	20 - 40V	200mA - 1250mA	85%	50/60Hz	20%	0.9	2 Lines 0-10V

WIRING DIAGRAM

INPUT TERMINAL



OUTPUT TERMINAL



INPUT SPECIFICATIONS

Input Voltage Range	108VAC—300VAC
Frequency Range	50 - 60 Hz
Input Current Typical (full load)	
120 VAC	0.49A (RMS)
230 VAC	0.26A (RMS)
277 VAC	0.22A (RMS)
Leakage Current	<.5mA
Power Factor (Note 1)	.90 Min
Total Harmonic Distortion	.2 Max

Analog Dimming
 Dim down to <5%
 Dim to off from crossfade dimmer
 NFC Programmable using ERG Android app

OUTPUT SPECIFICATIONS

Efficiency (full load)	
120 VAC (input)	85%
230 VAC (input)	84%
277 VAC (input)	83%
Voltage	20V - 40VDC
Current	200mA - 1250mA
Ripple	.3V RMS
Turn on Delay:	750ms

NOTES

- All specifications are typical at 120VAC input and 25°C with full load, unless otherwise specified.
- Intended for use with 18AWG solid wire stripped at 3/8"
- To release the wire, press the button on top of the connector down and pull the wire out.

SAFETY & ENVIRONMENTAL SPECIFICATIONS

Safety	UL1310 Class2, UL8750 E341875, Class P Listed EN60950-1 (Pending)
EMI	FCC Part 15 Class A EN55015, EN61547, EN61000-4-3, 4-4, 4-5, 4-6, 4-11(Pending)
Harmonics	EN61000-3-2, 3-3 (Pending)
Isolation	Fully isolated
Operating Ambient Temperature	-40°C to 50°C
Storage Temperature	-40°C to 80°C
Short-Circuit Protection	(Latched requires Input Power Cycle to reset)
Over temperature protection	(Auto Recovery)
Output Over Voltage Protection	(Auto Recovery)

MECHANICAL SPECIFICATIONS

Size (L x W x H)	14.1" x 1.27" x 0.94" (358.1x 32.3 x 23.9mm)
Weight	0.75lb. (.839kg)
Wire Lead Length(s)	Terminal Blocks