



# Driving Your Vision GEN200WUV1.5A-DHL12V

A division of Endicott Research Group, Inc.

Constant Current, 200W, 1500mA,  
Dimmable, Type HL

2601 Wayne Street, Endicott, NY 13760 • www.ERGLighting.com • 1-800-215-5866



## Description

<b>Driver Type:</b> Constant Current	<b>Total Output Power:</b> 200W
<b>Input Voltage Range:</b> 120~277Vac +/- 10%	<b>Selectable Outputs:</b> 1 + 12 Vdc Aux
<b>Dimming:</b> 0 - 10V	<b>Warranty:</b> 5 years
<b>Certifications:</b> UL8750; IP20 dry/damp	<b>Protections:</b> voltage; current; short circuit, temperature

## Applications

General Lighting • Downlight • Flush Mount • Troffer  
Linear Fixture • Wall Pack

## Performance Specifications

Model Number	Max Output Power	Output Current	Output Voltage	Efficiency (@277V)	Remote Mounting Distance (#18AWG)	Class 2	
						US	Canada
GEN200WUV1.5A-DHL12V	200W	1500mA	67 - 133V	92%	24 ft.		

ELECTRICAL SPECIFICATIONS:		ENVIRONMENTAL SPECIFICATIONS/ SAFETY AND EMC COMPLIANCE:	
<b>Input Voltage Range:</b>	120~277Vac ± 10%	<b>Operating Temperature:</b>	-40 to 60°C
<b>Frequency:</b>	50/60Hz	<b>Storage Temperature:</b>	-40 to 85°C
<b>Power Factor:</b>	>0.9 @full load	<b>Humidity:</b>	5% to 95%
<b>Inrush Current:</b>	30A @120V	<b>MTBF:</b>	126,000 hours at 40°C ambient (~70°C Case temp)
<b>Max Input Current:</b>	2.20A @120V 0.94A @227V	<b>Maximum Case Temperature:</b>	90°C
<b>THD:</b>	<20%	<b>UL/cUL</b>	UL 8750, Class P, Type HL
<b>Protection:</b>	Over Voltage, Over Current, Short Circuit, Over Temperature	<b>FCC, 47CFR Part 15</b>	Class B Consumer Limit
<b>Withstand Voltage:</b>	Input to Output. 2,800Vdc, 2mA	<b>EN61000-3-2</b>	HCE: Class C



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PHYSICAL DIMENSIONS:	
Length (L):	9.81"
Width (W):	2.68"
Height (H):	1.52"
Mounting (M):	9.20"
Weight:	0.40 kg
WIRE SPECIFICATIONS:	
Input:	12", UL SJTW #18AWG x3C
Output:	12", UL SJTW #18AWG x3C
Dimming:	12", UL SJTW #18AWG x3C

WIRING DIAGRAM	LIFETIME vs CASE TEMPERATURE:

