ERG Lighting™

Driving Your Vision

A division of Endicott Research Group, Inc.

GEN55PGWUV980MA-D12V

Constant Current, 55W, 330-980mA, Programmable, Dimmable, Class P

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

Product Description

Driver Type: Constant Current	**Total Output Power:** 55W
Input Voltage Range: 120~277Vac +/- 10%	**Selectable Outputs:** Wireless
Dimming: 0 - 10V	**Warranty:** 5 years
Certifications: UL8750	**Protections:** voltage; current; short circuit, temperature
Dimming Range: <1% - 100%	**Aux Output:** 12 Vdc at 200mA

Applications

LED Tube • Light Panels • Linear Fixture

Performance Specifications

Model Number	Max Output Power	Output Current	Output Voltage	Efficiency	Remote Mounting Distance (#18AWG)	Class 2	
						US	Canada
GEN55PGWUV980MA-D12V	55W	330-980mA	28 - 56V	84%	38 ft.	√	√

ELECTRICAL SPECIFICATIONS:		ENVIRONMENTAL SPECIFICATIONS/ SAFTEY AND EMC COMPLIANCE:	
Input Voltage Range:	120~277Vac ± 10%	**Operating Temperature:**	-20 to 50°C
Frequency:	50/60Hz	**Storage Temperature:**	-40 to 85°C
Power Factor:	>0.9 @full load	**Humidity:**	5% to 95%
Inrush Current:	50A @277V	**MTBF:**	154,000 hours
Max Input Current:	0.66A @120V 0.30A @277V	**Maximum Case Temperature:**	90°C
THD:	<20%	**UL/cUL**	UL 8750, Class P, Type HL
Protection:	Over Voltage, Over Current, Short Circuit, and Over Temperature	**FCC, 47CFR Part 15**	Class B Consumer Limit
		CE	EN61347-1, EN61347-2-13
Withstand Voltage:	I/P – O/P 2,800Vdc, 2mA	**EN61000-3-2**	HCE Class C

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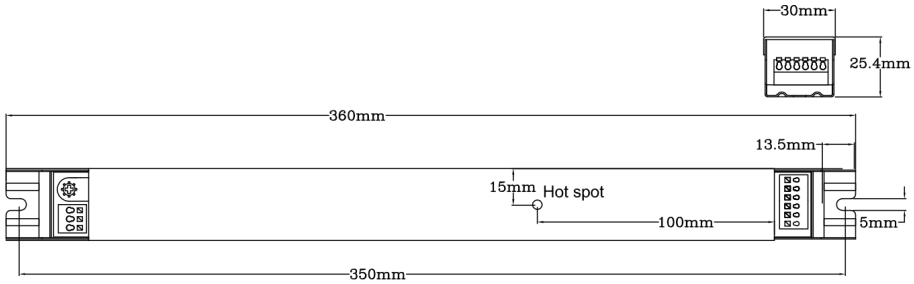
PHYSICAL DIMENSIONS:

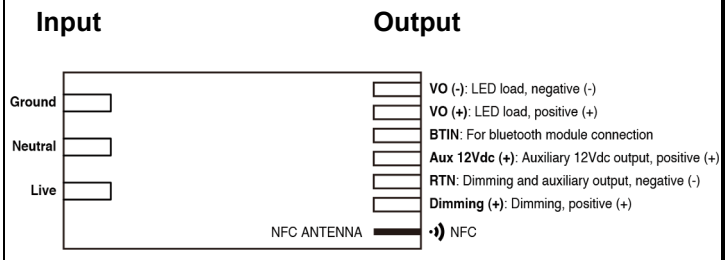
Length (L):	**14.17”**
Width (W):	**1.18”**
Height (H):	**1.00”**
Mounting (M):	**13.78”**
Weight:	**0.47 kg**

WIRE SPECIFICATIONS:

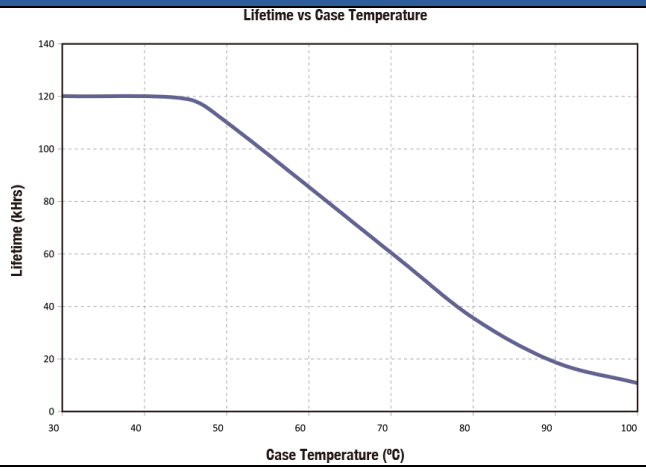
Input:	**Terminal block**
Output:	**Terminal block**
Dimming:	**Terminal block**



WIRING DIAGRAM



LIFETIME vs CASE TEMPERATURE:



ERG Lighting
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RoHS compliant

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