

GEN150WUV500A-D

Constant Current, 150W, 500mA,
Dimmable

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



Description

Driver Type: Constant Current	Total Output Power: 150W
Input Voltage Range: 120~277Vac +/- 10%	Selectable Outputs: 1
Dimming: 0 - 10V	Warranty: 5 years
Certifications: UL8750; IP67 damp	Protections: voltage; current; short circuit

Applications

High Bay • Street Lighting

Performance Specifications

Model Number	Max Output Power	Output Current	Output Voltage	Efficiency	Remote Mounting Distance (#18AWG)	Class 2	
						US	Canada
GEN150WUV500MA-D	150W	500mA	100 - 300V	92%	76 ft.	-	-

ELECTRICAL SPECIFICATIONS:		ENVIRONMENTAL SPECIFICATIONS/ SAFETY AND EMC COMPLIANCE:	
Input Voltage Range:	120~277Vac ± 10%	Operating Temperature:	-40 to 60°C
Frequency:	50/60Hz	Storage Temperature:	-40 to 85°C
Power Factor:	>0.9 @full load	Humidity:	5% to 95%
Inrush Current:	40A @230V	MTBF:	139,000 hours at 40°C ambient (~70°C Case temp)
Max Input Current:	1.54A @120V	Maximum Case Temperature:	90°C
THD:	<20%	UL/cUL	UL 8750
Protection:	Over Voltage, Over Current, and Short Circuit	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



Driving Your Vision
A division of Endicott Research Group, Inc.

GEN150WUV500A-D

**Constant Current, 150W, 500mA,
Dimmable**

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

PHYSICAL DIMENSIONS:	
Length (L):	8.98"
Width (W):	2.68"
Height (H):	1.52"
Mounting (M):	8.37"
Weight:	1.0 kg

WIRE SPECIFICATIONS:	
Input:	12", UL rated SJTW #18AWG x 3C
Output:	12", UL rated SJTW #18AWG x 2C
Dimming:	12", UL rated SJTW #22AWG x 2C

WIRING DIAGRAM	LIFETIME vs CASE TEMPERATURE:																		
	<table border="1"> <caption>Approximate data from Lifetime vs Case Temperature graph</caption> <thead> <tr> <th>Case Temperature (°C)</th> <th>Lifetime (khrs)</th> </tr> </thead> <tbody> <tr><td>30</td><td>120</td></tr> <tr><td>40</td><td>120</td></tr> <tr><td>50</td><td>115</td></tr> <tr><td>60</td><td>90</td></tr> <tr><td>70</td><td>60</td></tr> <tr><td>80</td><td>35</td></tr> <tr><td>90</td><td>15</td></tr> <tr><td>100</td><td>10</td></tr> </tbody> </table>	Case Temperature (°C)	Lifetime (khrs)	30	120	40	120	50	115	60	90	70	60	80	35	90	15	100	10
Case Temperature (°C)	Lifetime (khrs)																		
30	120																		
40	120																		
50	115																		
60	90																		
70	60																		
80	35																		
90	15																		
100	10																		

