

GEN25WUV700MA-D

Constant Current, 25W, 700mA,
Dimmable

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



Description

Driver Type: Constant Current	Total Output Power: 25W
Input Voltage Range: 120~277Vac +/- 10%	Selectable Outputs: 1
Dimming: 0 - 10V	Warranty: 5 years
Certifications: UL8750; IP20 dry/damp	Protections: voltage; current; short circuit

Applications

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

Performance Specifications

Model Number	Max Output Power	Output Current	Output Voltage	Efficiency	Remote Mounting Distance (#18AWG)	Class 2	
						US	Canada
GEN25WUV700MA-D	25W	700mA	18 - 36V	84%	54 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:	7A @230V	MTBF:	376,000 hours at 40°C ambient (~70°C Case temp)
Max Input Current:	0.26A @120V 0.13A @277V	Maximum Case Temperature:	90°C
THD:	<20%	UL/cUL:	UL 8750
Protection:	Over Voltage, Over Current, and Short Circuit	CE	EN61347-1, EN61347-2-13
		FCC, 47CFR Part 15:	Class B Consumer Limit
Withstand Voltage:	I/P – O/P 2,800Vdc, 2mA	EN61000-3-2:	HCE Class C

PHYSICAL DIMENSIONS:	
Length (L):	4.80"
Width (W):	1.58"
Height (H):	0.96"
Mounting (M):	4.29"
Weight:	0.22 kg
WIRE SPECIFICATIONS:	
Input:	12", UL 1316 #18AWG (Black and White)
Output:	12", UL 1316 #18AWG (Red and Blue)
Dimming:	12", UL 1316/1430 #22AWG (Purple and Gray)

WIRING DIAGRAM	LIFETIME vs CASE TEMPERATURE:																		
	<table border="1"> <caption>Approximate data points from the 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
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