



Driving Your Vision

A division of Endicott Research Group, Inc.

GEN7W120V200MA

Constant Current, 7W, 200mA,
Dimmable

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



Description

Driver Type: Constant Current	Total Output Power: 7W
Input Voltage Range: 120Vac +/- 10%	Selectable Outputs: 1
Dimming: 0-10V	Warranty: 5 years
Certifications: UL8750; IP20 dry/damp	Protections: voltage; current; short circuit

Applications

Downlight • Flush Mount • Wall Pack

Performance Specifications

Model Number	Max Output Power	Output Current	Output Voltage	Efficiency	Remote Mounting Distance (#18AWG)	Class 2	
						US	Canada
GEN7W120V200MA	7W	200mA	10 - 36V	80%	109 ft.	✓	✓

ELECTRICAL SPECIFICATIONS:		ENVIRONMENTAL SPECIFICATIONS/ SAFETY AND EMC COMPLIANCE:	
Input Voltage Range:	120Vac ± 10%	Operating Temperature:	-30 to 60°C
Frequency:	50/60Hz	Storage Temperature:	-40 to 85°C
Power Factor:	>0.7 @full load	Humidity:	5% to 95%
Inrush Current:	20A @120V	MTBF:	534,000 hours at 40°C ambient (~70°C Case temp)
Max Input Current:	0.13A @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
Withstand Voltage:	I/P – O/P 2k Vac	EN61000-3-2	

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PHYSICAL DIMENSIONS:	
Length (L):	3.15"
Width (W):	1.30"
Height (H):	0.79"
Mounting (M):	-
Weight:	0.12 kg
WIRE SPECIFICATIONS:	
Input:	12", UL 1316 #18AWG (Black and White)
Output:	12", UL 1316/1430 #22AWG (Red and Blue)
Dimming:	12", UL 1316/1430 #22AWG (Yellow and Yellow)

WIRING DIAGRAM	LIFETIME vs CASE TEMPERATURE:																
	<table border="1"> <caption>Approximate data points 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>100</td></tr> <tr><td>40</td><td>100</td></tr> <tr><td>50</td><td>100</td></tr> <tr><td>60</td><td>95</td></tr> <tr><td>70</td><td>45</td></tr> <tr><td>80</td><td>20</td></tr> <tr><td>90</td><td>10</td></tr> </tbody> </table>	Case Temperature (°C)	Lifetime (kHrs)	30	100	40	100	50	100	60	95	70	45	80	20	90	10
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