

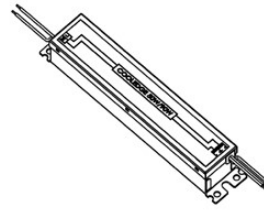
# LED Power Supply



**Lighttech™** - LED Driver  
(GELD100MV480PVNA2 83453)

# Lumination™ LED Luminaires

Lightech™ LED Driver  
GELD100MV480PVNA2



Project name \_\_\_\_\_  
Date \_\_\_\_\_  
Type \_\_\_\_\_

## Performance Summary:

**Description:** Constant Current, Class 1 per UL, Dimmable PSU  
**Input Voltage:** 120-277V  
**Input Frequency:** 50-60Hz

## Product Features:

### Performance

- Meets ANSI Standard C82.11-Cons 2002
- Meets ANSI Standard C62.41-1991
- Meets FCC Part 15 Class A/CISPR 15 for EMI and RFI
- THD <20% @ > 40W Output
- Output Current Ripple <30% @ 480 mA

### Application

- Minimum Starting Temperature: -22F, -30C
- Maximum Ambient Temperature: 131F, 55C
- Maximum Hotspot Temperature: 176F 80C
- Sound Rated: A

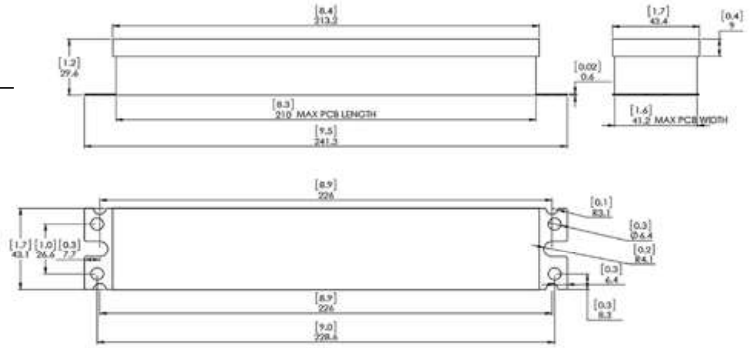
### Safety

- IEC61347-1; IEC61347-2-13
- UL, cUL Recognized, Class 1
- FCC Part 15, Class A
- CISPR 15 Compliant

### Physical Parameters

Length: 9.5 in (241mm)  
Width: 1.7 in (43.2mm)  
Height: 1.2 in (30.5mm)  
Weight: 1.2 (520g)

## Product Dimensions:



GE Product Code	Product Description	Input Volts	Input Current (A)	Max Output (W)	Output Voltage (VDC)	Output Current mA	THD @ Full Load	PF @ Full Load	Class	Dimming Protocol			Features		
										0-10V	Dali	Programmable	UL/cUL	CE	Max (T) Case
83455	GELD100MV480PVNA	120-277	.99-43	100	170-240	350-480	<20%	>0.9	1	x		x	x		176F, 80C

Line (Black) ———

Neutral (White) ———

**GEXXXX-XXXX**  
LED Driver

Output + (Red) ———

Output - (Blue) ———

Dim + (Violet) ———

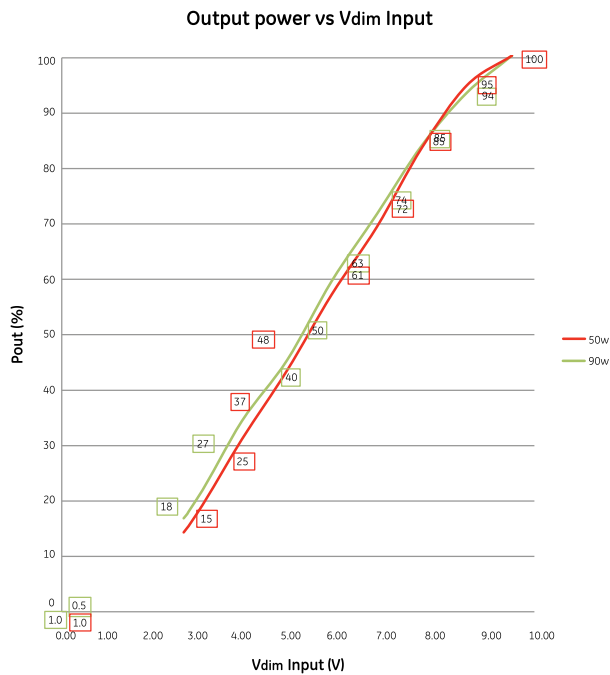
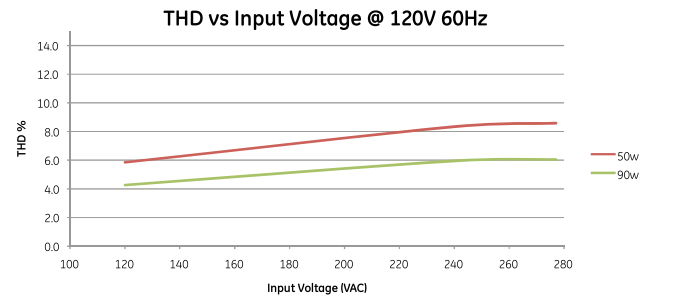
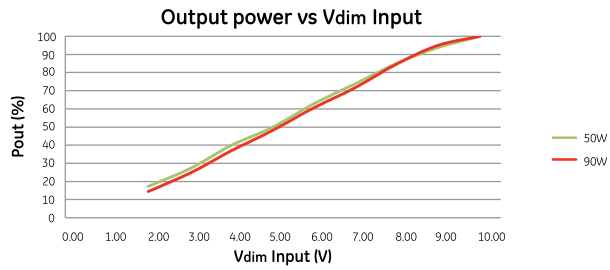
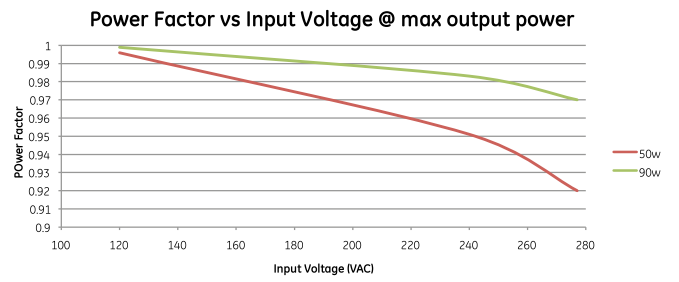
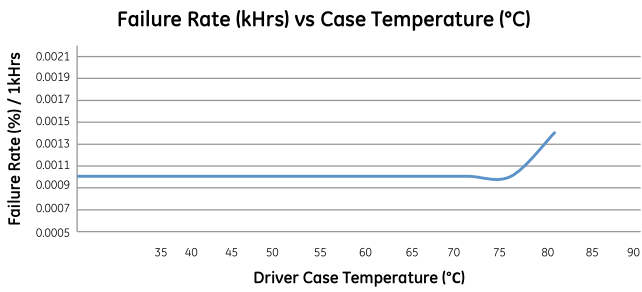
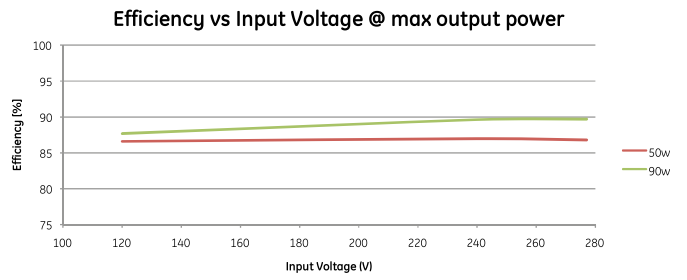
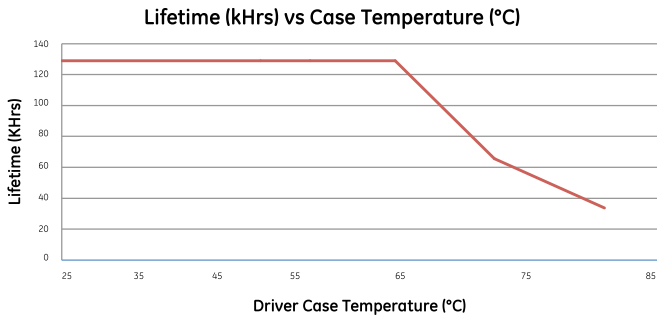
Dim - (Grey) ———

Color	Length in. (cm)
Black (L)	10.6 (27)
White (N)	10.6 (27)
Violet (+Dim)	10.6 (27)
Grey (-Dim)	10.6 (27)
Red (+ Output)	10.6 (27)
Blue (- Output)	10.6 (27)


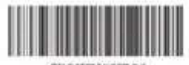

Input Inrush Current		
Input Voltage (V <sub>rms</sub> ) 277	Peak Current Pulse (A <sub>pk</sub> ) < 80	Pulse Duration (50% of Peak) (ms) < .16

Input Ground Leakage Current	
Input Voltage (V <sub>rms</sub> )	Leakage Current (mA)
120	.22
240	.39

# Technical Information:



# Product Label:

 <p><b>GELD100MV480PVNA</b> 120-277 Volts, 50/60 Hz</p>  <p>GELD100MV480PVNA</p>	<p><b>INPUT</b> Voltage 120-277 VAC 50/60 Hz Current 0.99 Amps PF &gt; 0.9</p> <p><b>OUTPUT</b> 298VDC Max 480mA Max Output 100 Watts</p> <p>Class 1 Power Supply</p> <p>Red I-1 Blue I-2 White I-3 Gray I-4</p> <p><b>WARNING / AVERTISSEMENT</b> Risk of electrical shock. Disconnect power before servicing or installing product. Risque de choc électrique. Couper l'alimentation avant le dépannage ou avant l'installation du produit.</p>	<p><b>120-277V</b></p> <p>120-277V 0-10V Dimming LED Driver Min Start Temp -30°C Inherent Thermal Protection Class 1 FCC Part 15 Class A High Power Factor Sound Rated A Product is compliant with material restriction requirements of RoHS. Install and ground per National Electric Code For Dry or Damp Locations</p>	<p>Assembled in China, Designed &amp; Distributed by General Electric Co. GE Lighting Nela Park, Cleveland, Ohio 44122</p>  <p>For assistance call: <b>1-888-GEBALLast</b></p>
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**current**  
powered by GE

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