

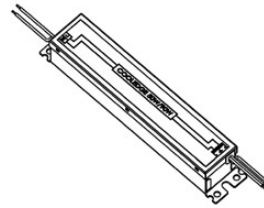
# LED Power Supply



**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

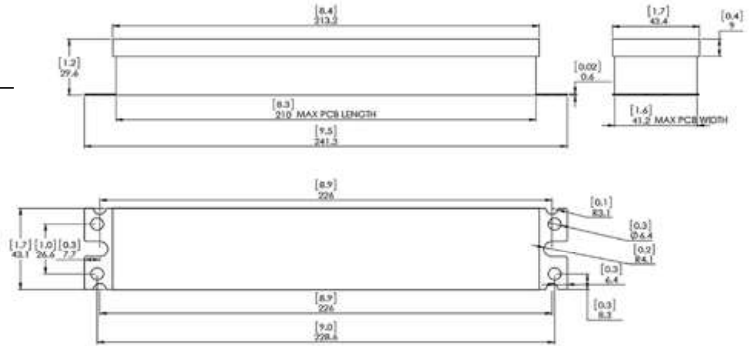
### Safety

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

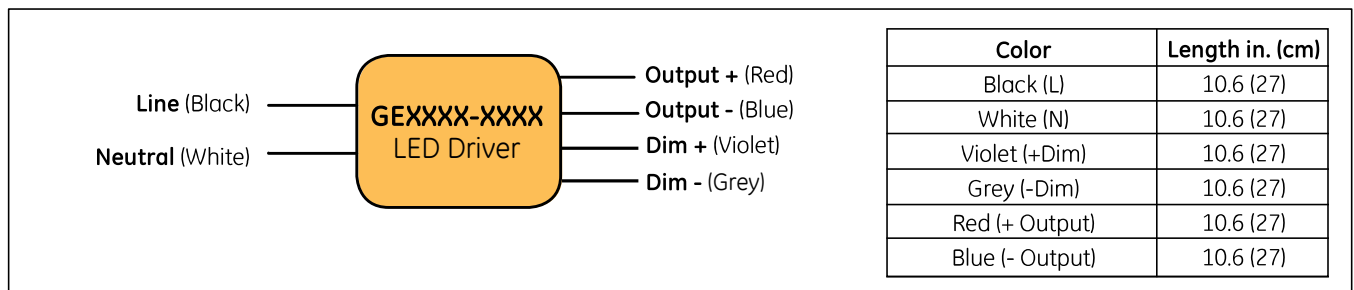
### Physical Parameters

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

## Product Dimensions:



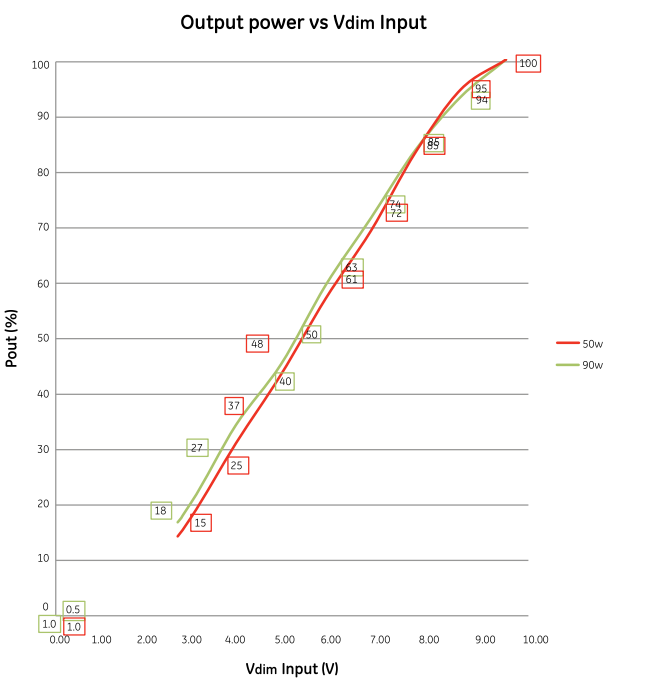
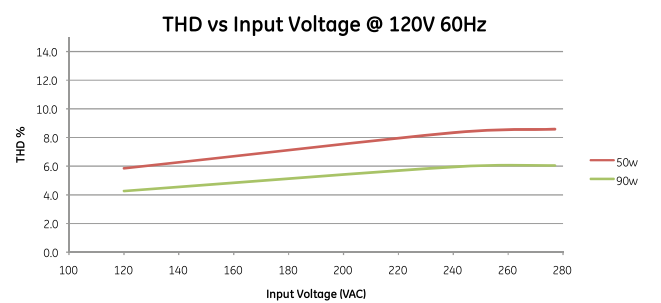
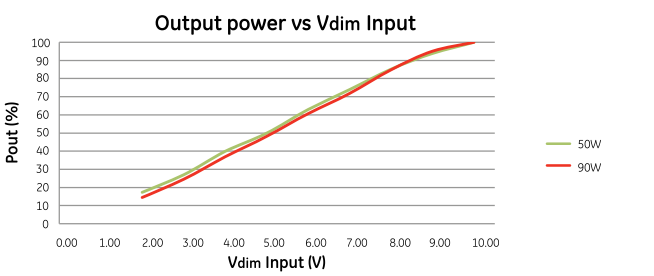
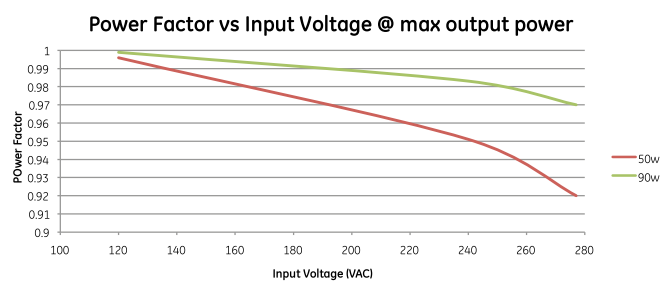
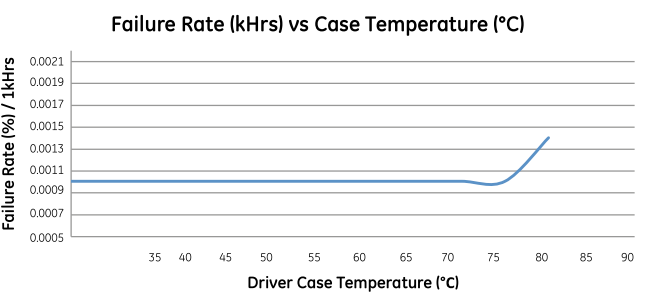
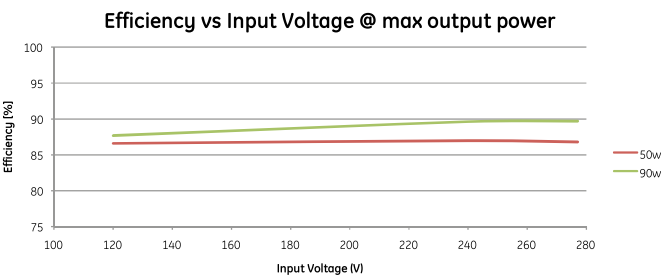
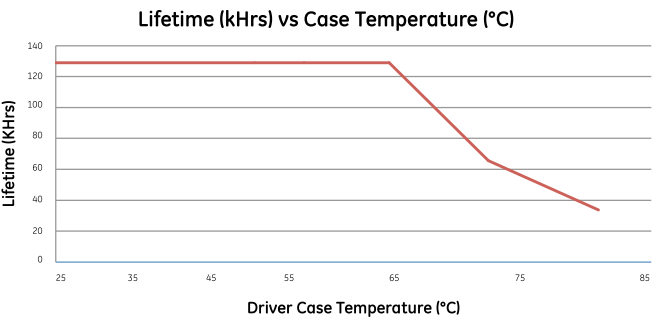
GE Product Code	Product Description	Input Volts	Input Current (A)	Max Output (W)	Output Voltage (VDC)	Output Current (mA)	THD @ Full Load	PF @ Full Load	Class	Dimming Protocol			Features		
										0-10V	Dali	Programmable	UL/cUL	CE	Max (T) Case
83455	GELD100MV480PVNA	120-277	.99-.43	100	170-240	350-480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




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:



**GELD100MV480PVNA**  
120-277 Volts, 50/60 Hz



GELD100MV480PVNA

**INPUT**  
Voltage 120-277 VAC 50/60 Hz  
Current 0.99 Amps  
PF > 0.9

**Class 1 Power Supply**

**OUTPUT**  
298VDC Max  
480mA Max Output  
100 Watts


Red (-)  
Blue (-)  
Violet (+)  
Gray (+)

**120-277V**

**WARNING / AVERTISSEMENT**  
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.

**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

Assembled in China, Designed & Distributed  
by General Electric Co.  
GE Lighting  
Nela Park, Cleveland, Ohio 44122



For assistance call:  
**1-888-GEBALLast**

**current**  
powered by GE

All trademarks are the property of their respective owners. Information provided is subject to change without notice. All values are design or typical values when measured under laboratory conditions. Current, powered by GE is a business of the General Electric Company.  
© 2018 GE.

www.currentbyge.com | OLP0000 (Rev 11/14/18)

