

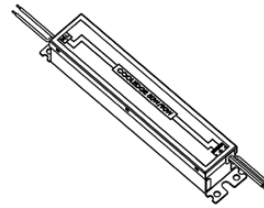
LED Power Supply



Lightech™ - LED Driver
(GELD100MV480PVNA2 83453)

Lumination™ LED Luminaires

Lightech™ LED Driver
GELD100MV480PVNA2



Project name _____
Date _____
Type _____

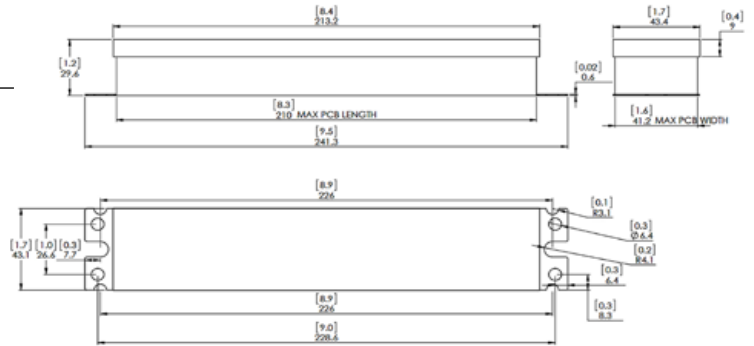
Performance Summary:

Description: Constant Current, Class 1 per UL, Dimmable PSU

Input Voltage: 120-277V

Input Frequency: 50-60Hz

Product Dimensions:



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)

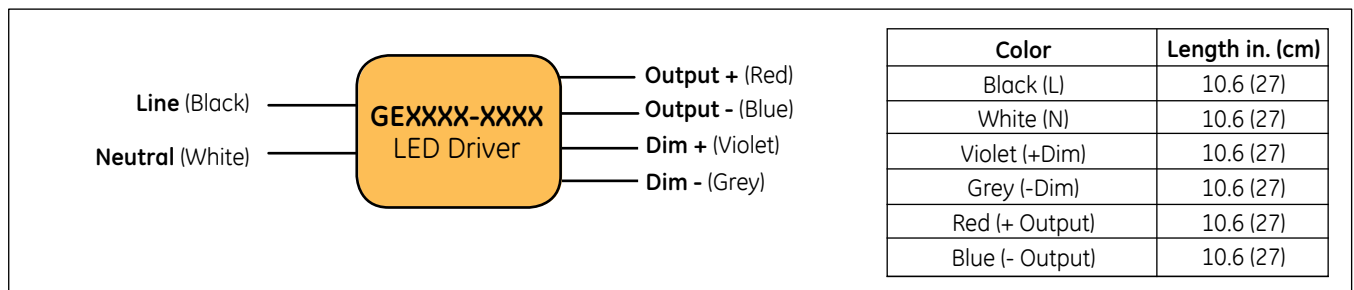
Width: 1.7 in (43.2mm)

Height: 1.2 in (30.5mm)

Weight: 1.2 (520g)



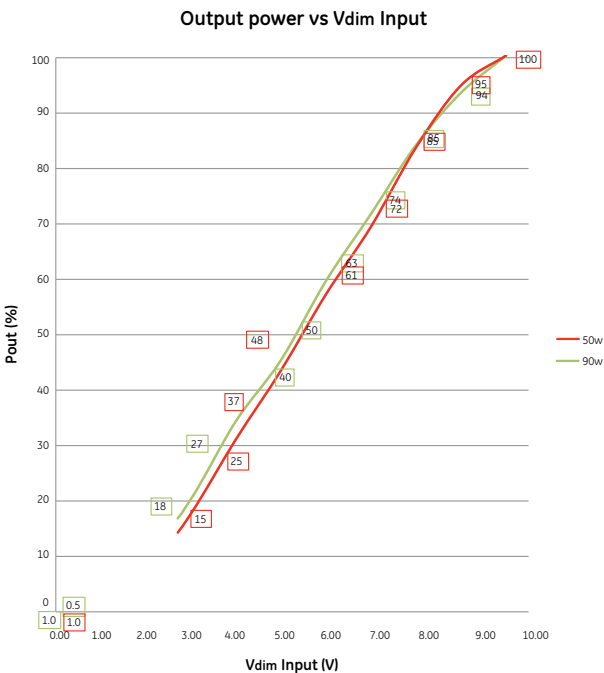
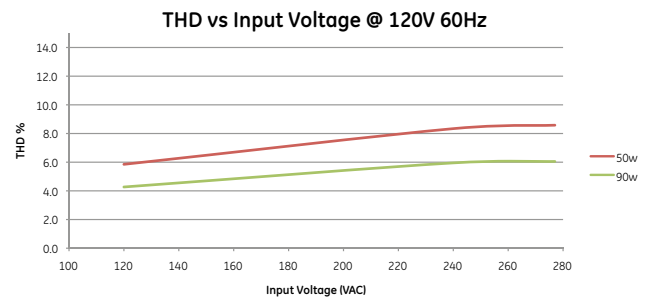
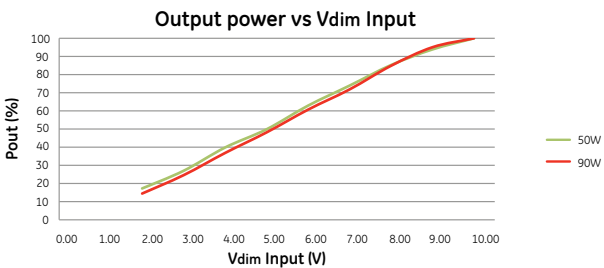
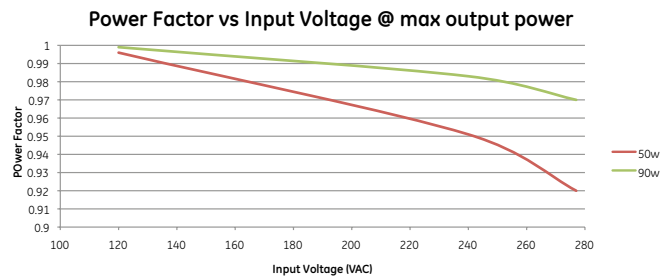
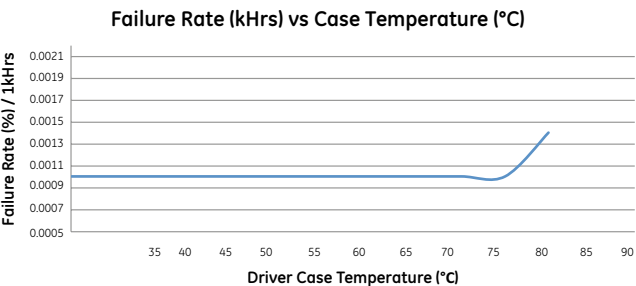
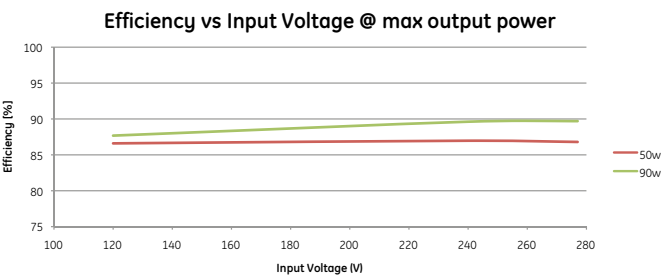
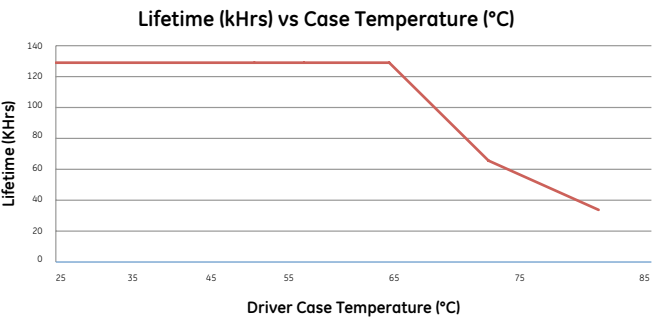
GE Product Code	Product Description	Input Volts	Input Current (A)	Max Output (W)	Output Voltage (VDC)	Output Current (mA)	THD @ Full Load	PF @ Full Load	Class	Dimming Protocol			Features		
										0-10V	Dali	Programmable	UL/cUL	CE	Max (T) Case
83455	GELD100MV480PVNA	120-277	.99-.43	100	170-240	350-480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



Input Inrush Current		
Input Voltage (V _{rms}) 277	Peak Current Pulse (A _{pk}) < 80	Pulse Duration (50% of Peak) (ms) < .16

Input Ground Leakage Current	
Input Voltage (V _{rms})	Leakage Current (mA)
120	.22
240	.39

Technical Information:



Product Label:

**Lightech™
LED Driver**

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

Black L1
White N0

Red L1
Blue L1
Violet L1
Gray L1

OUTPUT
298VDC Max
480mA Max Output
100 Watts

120-277V

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 44112

UL
E340135

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

Tc=80°C On Side

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.

current
powered by GE

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