

GE
Lighting

LED Power Supply

Lightech™ LED Driver
(GELD100MV480PVNA2 83453)



imagination at work

Lighttech™ LED Driver

GELD100MV480PVNA2

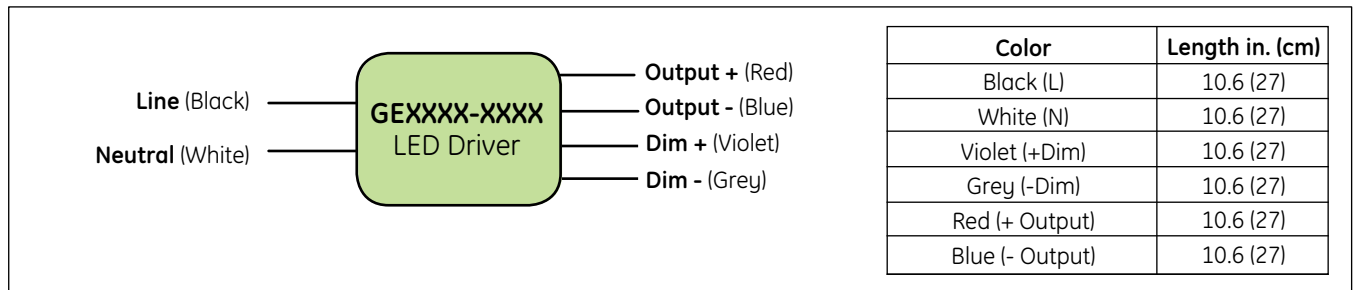
Description: Constant Current, Class 1 per UL, Dimmable PSU

Input Voltage: 120-277V

Input Frequency: 50-60Hz



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	60-155	350-480	< 20%	>0.9	1	x		x	x		176F, 80C



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

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

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

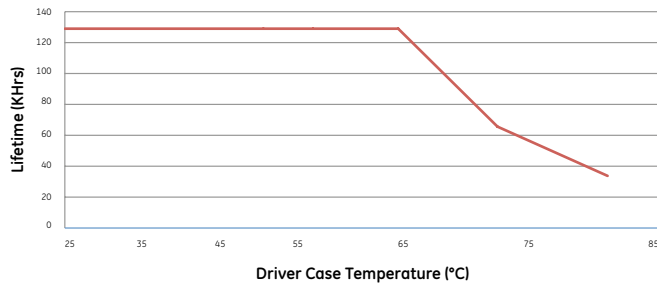
Physical Parameters

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

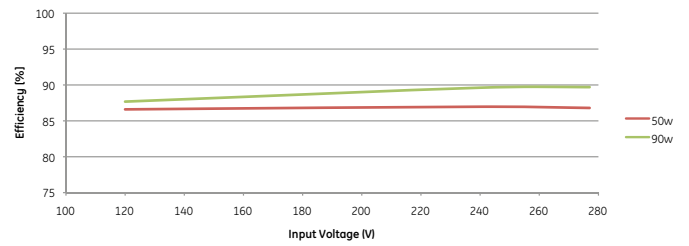
Technical Information

GELD100MV480PVNA2

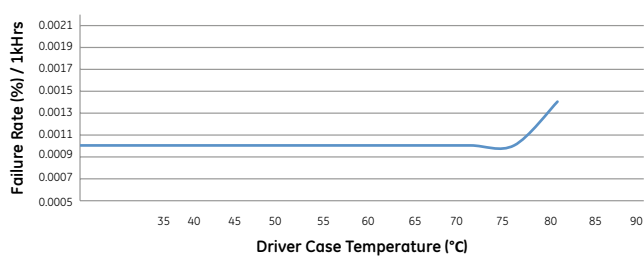
Lifetime (kHrs) vs Case Temperature (°C)



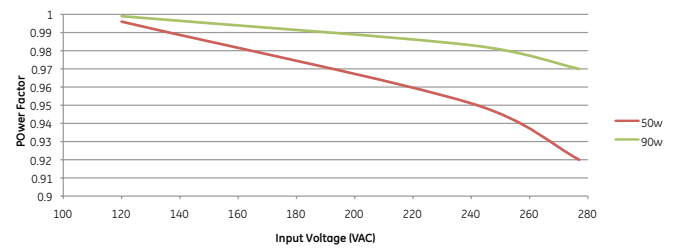
Efficiency vs Input Voltage @ max output power



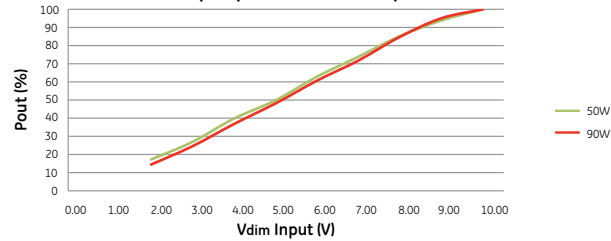
Failure Rate (kHrs) vs Case Temperature (°C)



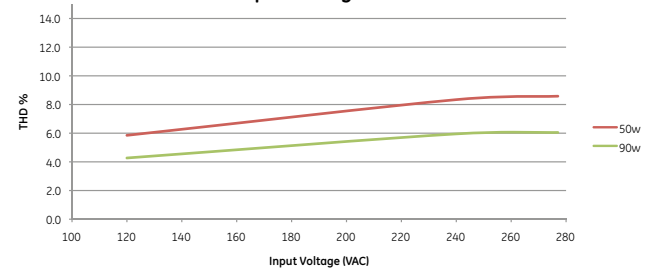
Power Factor vs Input Voltage @ max output power



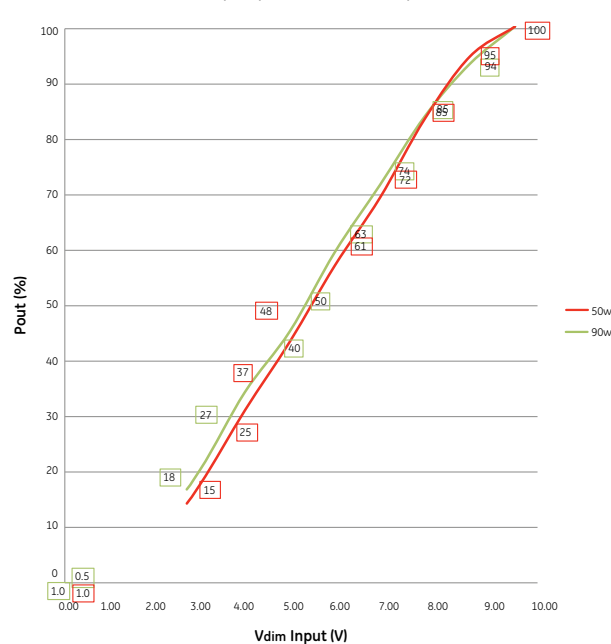
Output power vs Vdim Input



THD vs Input Voltage @ 120V 60Hz

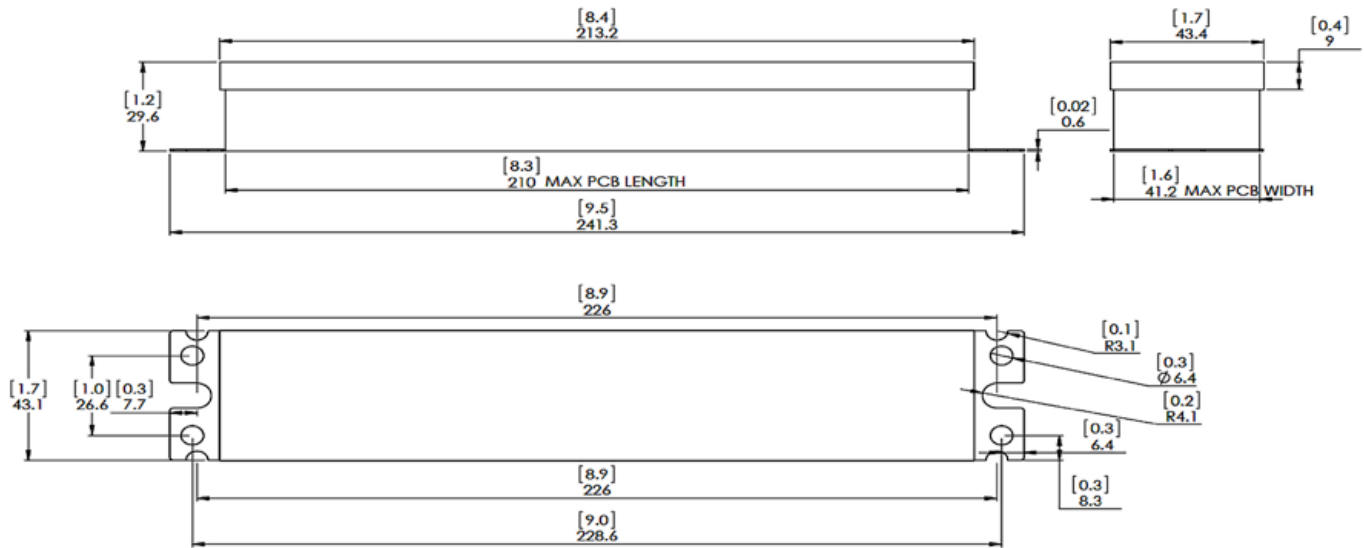


Output power vs Vdim Input

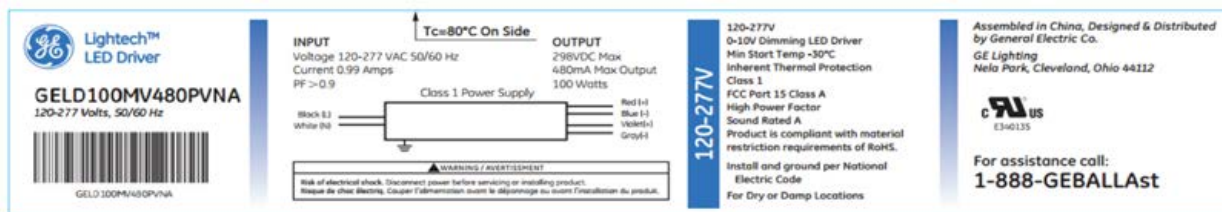


Product Dimensions

GELD100MV480PVNA2



Product Label



www.gelighting.com

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