



GELD100MV480PVNA

APPLICATION and PERFORMANCE SPECIFICATION

Description: Class 1, 0-10V dimmable driver
GE Product Code: Internal GE use only
Line Voltage: Multi-Voltage 120 to 277 VAC, ±10%, 50/60Hz
Constant Current
Programmable Output Current 350 - 480 mA
Minimum Output Current 35 mA

• 0-10VDC dimming control, Class 2
• Active Power Factor Correction
• Nominal Output Voltage 60-155 Volts

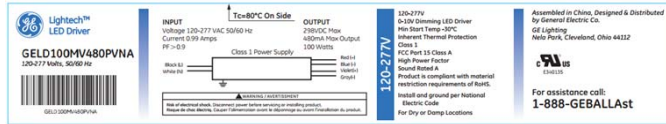
Performance:
Meets ANSI Standard C82.11-Cons 2002
Meets ANSI Standard C62.41-1991
Meets FCC Part 15 Class A/CISPR 15 for EMI and RFI
THD <20% @ > 40W Output
Output Current Ripple <30% @ 480 mA

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

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

Physical Parameters
Length: 241mm
Width: 43.2mm
Height: 30.5mm
Weight: 520g

Table with 2 rows: Lead Length (± 20mm) and Lead Color. Columns list dimensions (500mm) and colors (White, Black, Red, Blue, Violet, Gray).



Warranty: GE Lighting warrants to the purchaser that each electronic LED driver will be free from defects in material or workmanship for a period of 5 years from the date of manufacture when properly installed and under normal conditions of use

Install and Ground Per National Electric Code

• Product is compliant with material restriction requirement of RoHS

Table with 9 columns: Type, Input Volts(V), Input Watts(W), Power Factor, Harmonic Total(%), Output Voltage(V), Output Current(mA), Efficiency(%). Rows show performance for 480mA, 400mA, and 360mA at various input voltages.

Table for Input Inrush Current with columns: Input Voltage [Vrms], Peak Current Pulse [Aps], Pulse Duration (50% of Peak) [uS]. Rows for 120V and 277V.

The in-rush peak current pulse will double when you go from 1 module to 2 modules, so for 2 modules, the value are doubled.

Dimming Curve

