

Lightech™

LED 60 Watt Driver

Lightech™ GELD60 Series

The ideal high-wattage driver for Infusion™ LED module applications

Product Information

The Lightech™ GELD60 LED driver delivers 60W of power and has been optimized for use with GE Infusion™ LED modules. Its very wide forward voltage range (15-44 VDC) makes it compatible with 2000, 3000, and 4500 lumen modules. Better yet, the wide forward voltage range will enable compatibility with future generations of Infusion modules as efficiencies improve and Vf gets lower, allowing OEMs to seamlessly upgrade to the next generation of modules without changing their driver spec.

Running on a universal input voltage of 120-277 VAC, the GELD60 driver allows fixture manufacturers to reduce both their driver and finished goods inventory. In keeping with the one-size-fits-all theme, the GELD60 also includes standard 0-10V dimming and a 12V auxiliary output for active cooling.

Best of all, the GELD60 delivers this feature packed design without sacrificing efficiency or quality. The GELD60 LED driver operates at 91% (120V) to 93% (277V) efficiency at full load, and carries a 50,000 hour life rating.

Product Code

60724

Description

GELD60DMV1400PU

Wiring

Side Leads

Safety

Class 2

Dimming

0-10V



Features & Benefits

- Optimized for Infusion LED module compatibility
 - M2000, M3000, M4500
 - DLM3000, DLM4000
- Universal input voltage (120 – 277 VAC)
- Highly efficient (91 – 93%)
- 0-10V dimming to 10%
- 12V aux output for active cooling
- Wide Vf range (15-44 VDC)
- Compact design
- Extensive protection features



Performance Specs

Specs

Power	60W
Life	50000 hrs

Input Specs

Inrush current (120V)	1.5A/150µsec
Inrush current (277V)	6A/100µsec
Power factor	0.99
Input current	0.26-0.58A
Input frequency	60 Hz
Input voltage	120-277v
Efficiency-full load 120v 25°C av	91%
Efficiency-full load 277v 25°C av	93%

Output specs

Output current	1.4A
Output voltage range	15-44V
Output current tolerance	7%

Auxiliary Output

Voltage	12V
Current	110mA

Dimming

Dimmable	0-10v
Dimming %	10-100%

Protections

Over temperature protection	Yes
Reinforced insulation	√
Input voltage surge protection	√
Secondary protection	√

Environment

Ta min	-20
Ta max	50
Tc	75
Storage temp (max)	-20-70

Standards

UL Class 2	UL1310, UL8750
FCC	Part 15 Class B

Dimensional Specs

