

GE
Lighting

LED Power Supply

Outdoor Dimming Driver GE075/1050/GL
12162



imagination at work

Outdoor Dimming Driver

GE075/1050/GL

Description: 75W 0.53/0.7/1.05A Dimmable Class 1 PSU

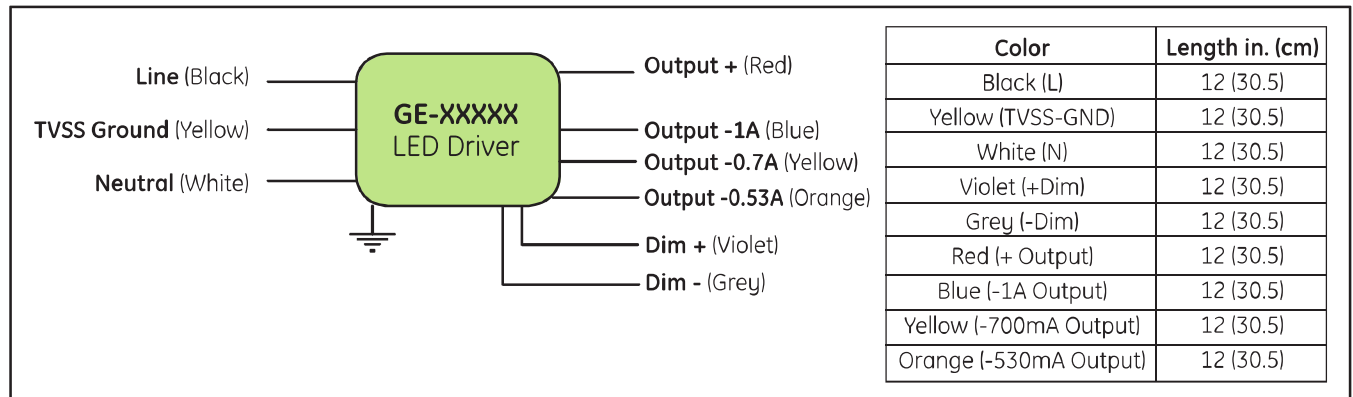
Input Voltage: 120-277V

Input Frequency: 50-60Hz

ROHS Compliant: Yes



Max Output Power (W)	Output Current (A)	Output Voltage (V)	Efficiency Full Load @120V	Max Input Current (A)	Max THD @75W Output	Min PF 75W Output	Max Inrush Current (A/ms)	Surge Protection (kV/kA)	Isolated Dimming			Weight (lbs/kg)	IP Rating
									Protocol	Current Source	Dimming Range		
75	0.525 ± 5%	75-140	>88%	0.74 @ 120V	20%	0.9	See Page 6	6/3	0-10V	0.5mA	100%-10%	2.2/1	IP66
	0.700 ± 5%	55-110	>88%	0.34 @ 277V	20%	0.9		6/3	0-10V	0.5mA	100%-10%	2.2/1	IP66
	1.05 ± 5%	40-70	>86%		20%	0.9		6/3	0-10V	0.5mA	100%-10%	2.2/1	IP66



Product Features

Physical

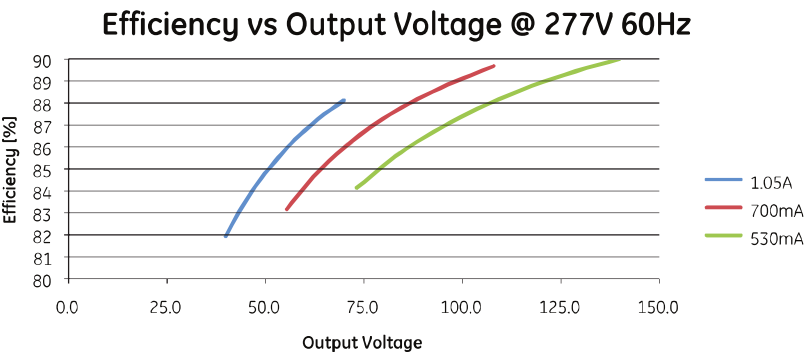
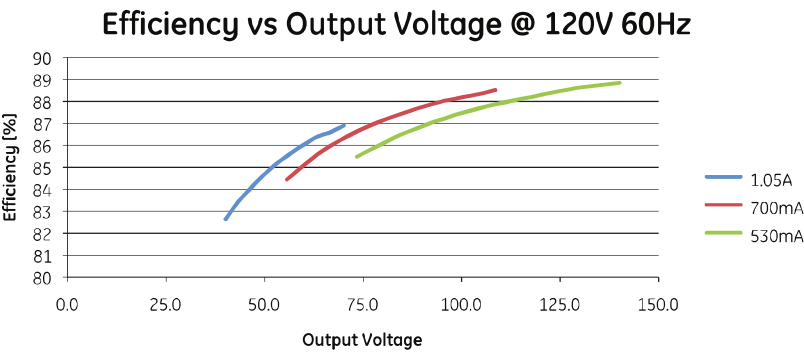
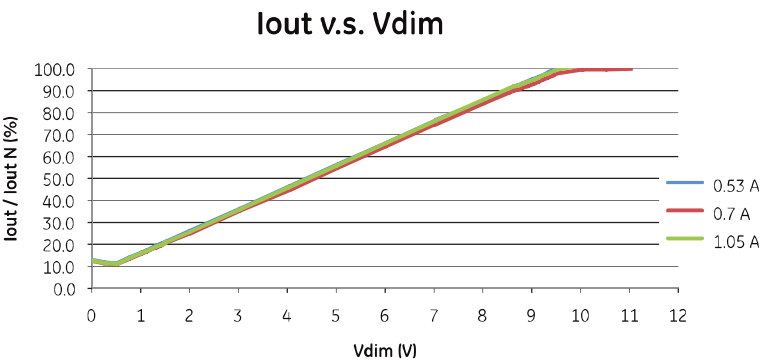
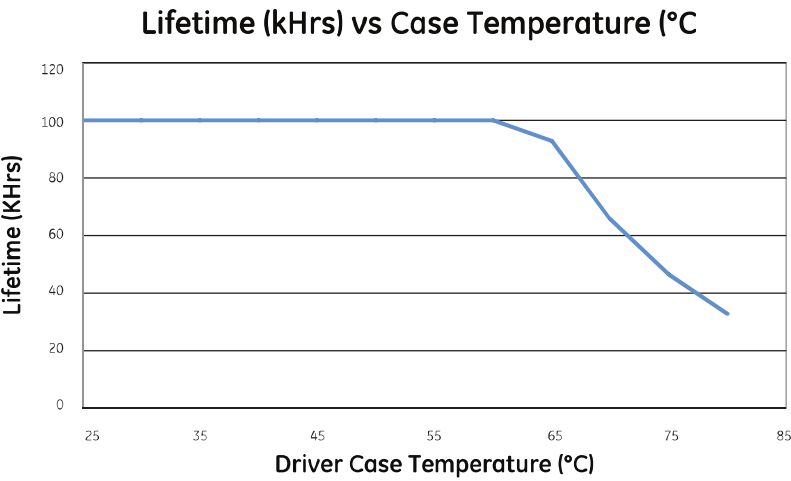
- Unit must be installed within an electrical enclosure.
- Enclosure wiring must be rated to 600V & 105°C or higher.

Performance

- Classified as Class 1 as per UL8750.
- Dimming circuit is classified as Class 2 as stipulated in UL1310.
- Minimum ambient operating temperature: -40°C.
- Maximum allowable case temperature: 80°C.
- For reliability and failure rate information, contact GE Technical Sales Representative.
- Output current reduces if the case temperature exceeds 85°C.
- UL listed for operation in dry/damp locations (Outdoor Type 1).
- Tolerates of extended open circuit and short circuit conditions.
- Compliant to FCC Title 47 Part 15 Class A
- Surge resistance per IEEE/ANSI C62.41.2-2002 Location C-Low (6kV/3kA)
- Ground Leakage current of <= 0.4 mA

UL Conditions of Acceptability – E340135

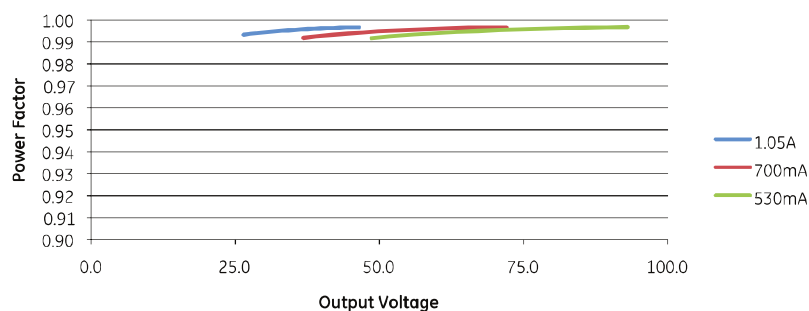
- The unit has been examined to comply with Class 1 Output Criteria
- The unit is only to be used in dry or damp locations
- The metal casing must be connected to EARTH.
- TVSS-GND (Yellow wire) shall be connected to fixture ground after hi-pot test using closest tab screw. THIS IS NOT A SAFETY GROUND!



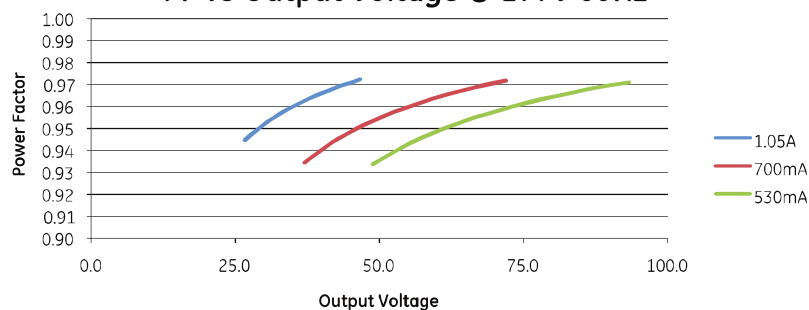
Technical Information

GE40/700/MV-NA

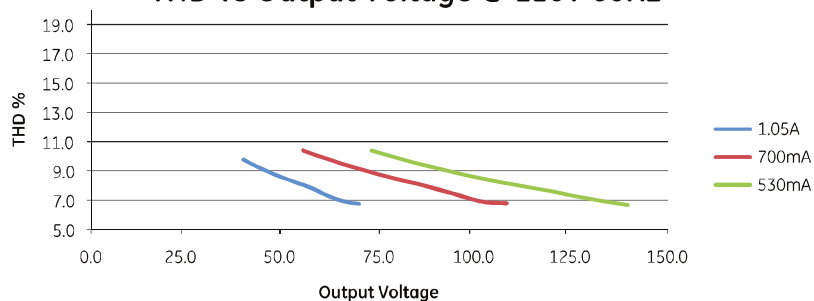
PF vs Output Voltage @ 120V 60Hz



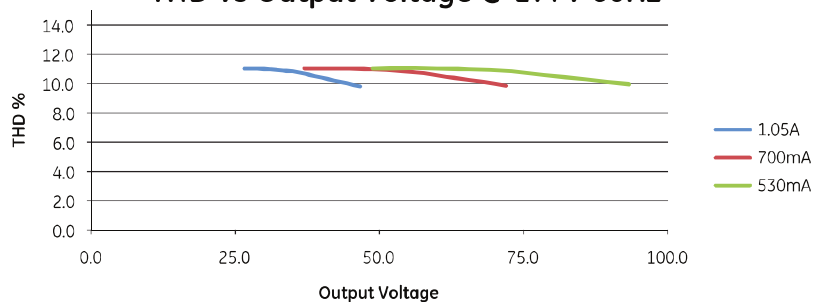
PF vs Output Voltage @ 277V 60Hz



THD vs Output Voltage @ 120V 60Hz



THD vs Output Voltage @ 277V 60Hz



Input Inrush Current

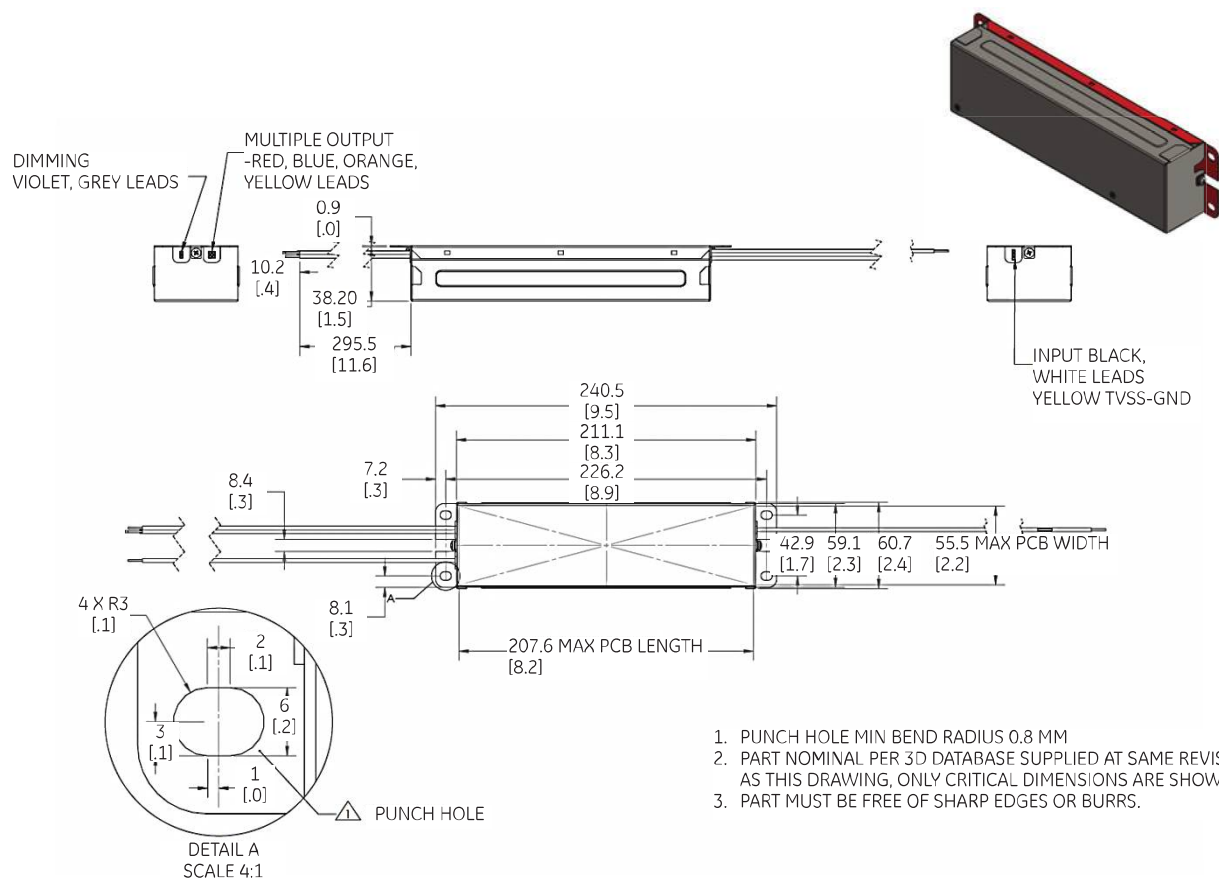
Input Voltage [Vrms]	Peak Current Pulse [Apk]	Pulse Duration (50% of Peak) [ms]
120	33	0.32
277	60	0.30

Input Ground Leakage Current

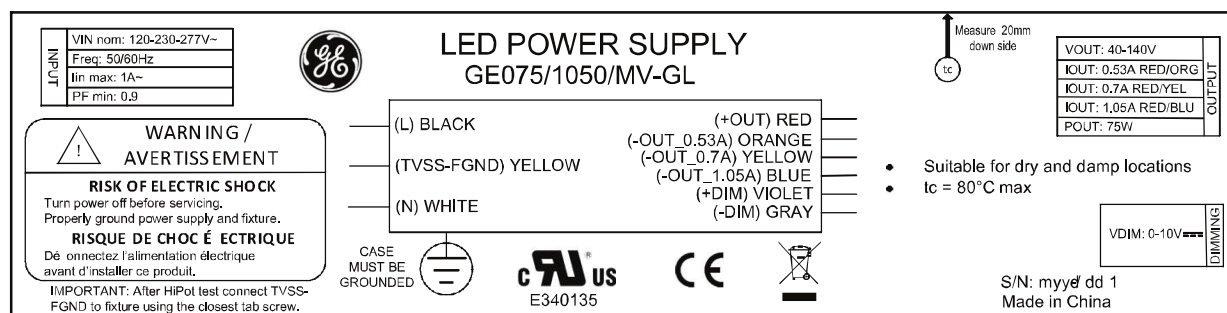
Input Voltage [Vrms]	Leakage Current [mA]
120	0.14
240	0.29

Product Dimensions

GE075/1050/GL



Product Label



www.gelighting.com

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