GE
Lighting

LED Power Supply

Outdoor Dimming Driver GE150/1050/MV-GL
12161

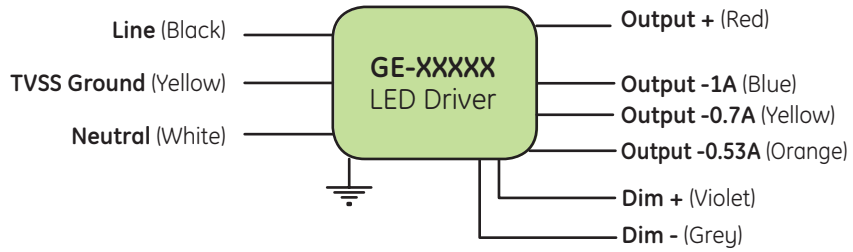
imagination at work

Outdoor Dimming Driver

GE150/1050/MV-GL

Description: 150W 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			Max Input Current (A)	Max THD @75W Output	Min PF @75W Output	Max Inrush Current (A/mS)	Isolated Dimming			Weight (lbs/kg)	IP Rating
			120V	230V	277V					Protocol Source	Current Range	Dimming Range (%)		
150	0.525 ± 5%	140-280	>91%	>92%	>93%	1.60 @ 120V 0.80 @ 277V	20%	0.9	See Page 4	0-10V	0.5mA	100% - 10%	2.2/1	IP66
	0.700 ± 5%	105-210	>90%	>92%	>92%					0-10V	0.5mA	100% - 10%	2.2/1	IP66
	1.05 ± 5%	70-140	>89%	>91%	>91%					0-10V	0.5mA	100% - 10%	2.2/1	IP66



Color	Length in. (cm)
Black (L)	12 (30.5)
Yellow (TVSS-GND)	12 (30.5)
White (N)	12 (30.5)
Violet (+Dim)	12 (30.5)
Grey (-Dim)	12 (30.5)
Red (+ Output)	12 (30.5)
Blue (-1A Output)	12 (30.5)
Yellow (-700mA Output)	12 (30.5)
Orange (-530mA Output)	12 (30.5)

Product Features

Physical

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

Performance

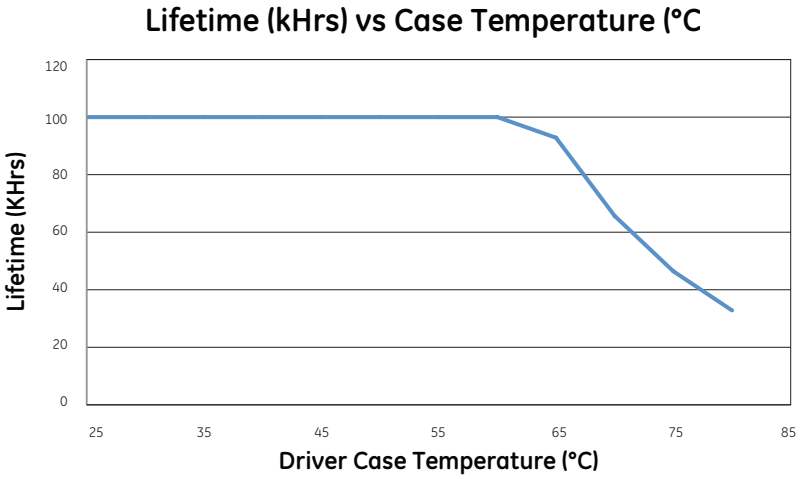
- Classified as Class 1 as per UL8750.
- Dimming circuit is classified as Class 2 as stipulated in UL1310.
- Minimum ambient operating temperature: -40°C.
- Maximum allowable case temperature: 80°C.
- For reliability and failure rate information, contact GE Technical Sales Representative.
- Output current reduces if the case temperature exceeds 85°C.
- UL listed for operation in dry/damp locations (IP66).
- Tolerates of extended open circuit and short circuit conditions.
- Compliant to FCC Title 47 Part 15 Class A
- Surge resistance per IEEE/ANSI C136.2-2015
  Location C-Low (6kV/3kA)
- Ground Leakage current of <= 0.4 mA

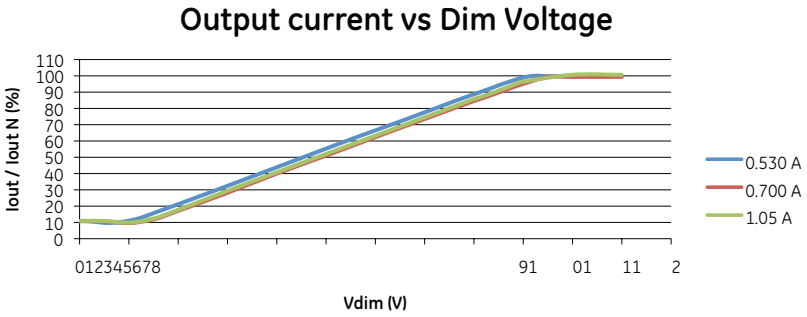
UL Conditions of Acceptability – E340135

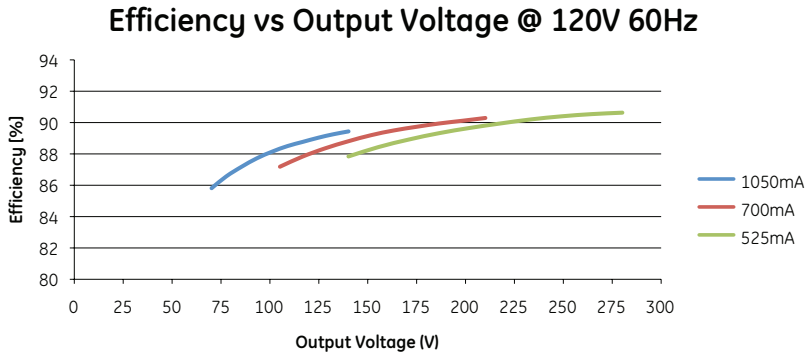
- The unit has been examined to comply with Class 1 Output Criteria
- The unit is only to be used in dry or damp locations
- The metal casing must be connected to EARTH.
- TVSS-GND (Yellow wire) shall be connected to fixture ground after hi-pot test using closest tab screw. THIS IS NOT A SAFETY GROUND!

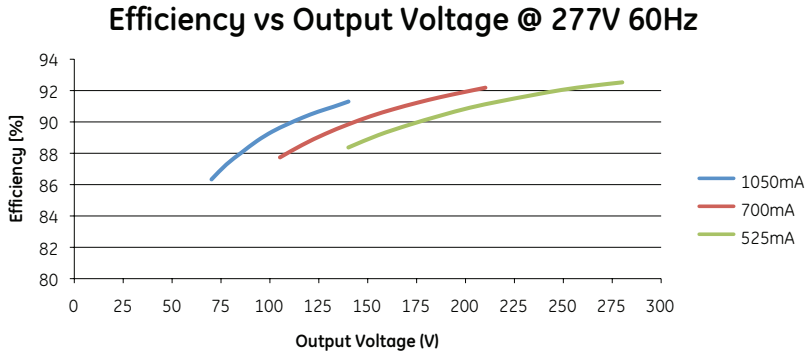
Technical Information

GE150/1050/MV-GL









Technical Information

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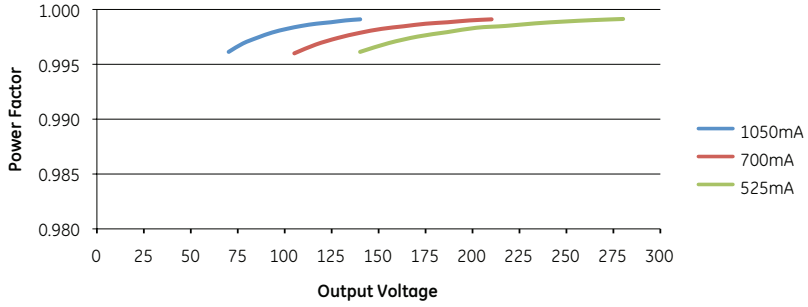
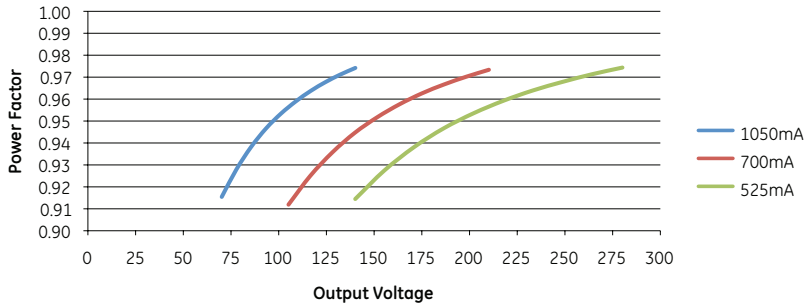
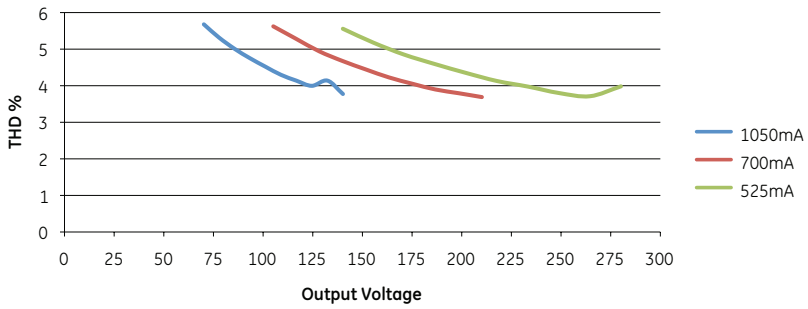
PF vs Output Voltage @ 120V 60Hz



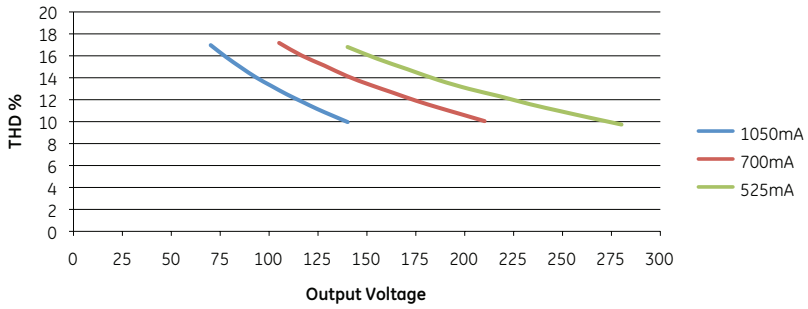
PF vs Output Voltage @ 277V 60Hz



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	31	0.1
277	60	0.1

Input Ground Leakage Current

Input Voltage [Vrms]	Leakage Current [mA]
S1 ON	**S1 Off**
120	0.18
208	0.18

Product Dimensions

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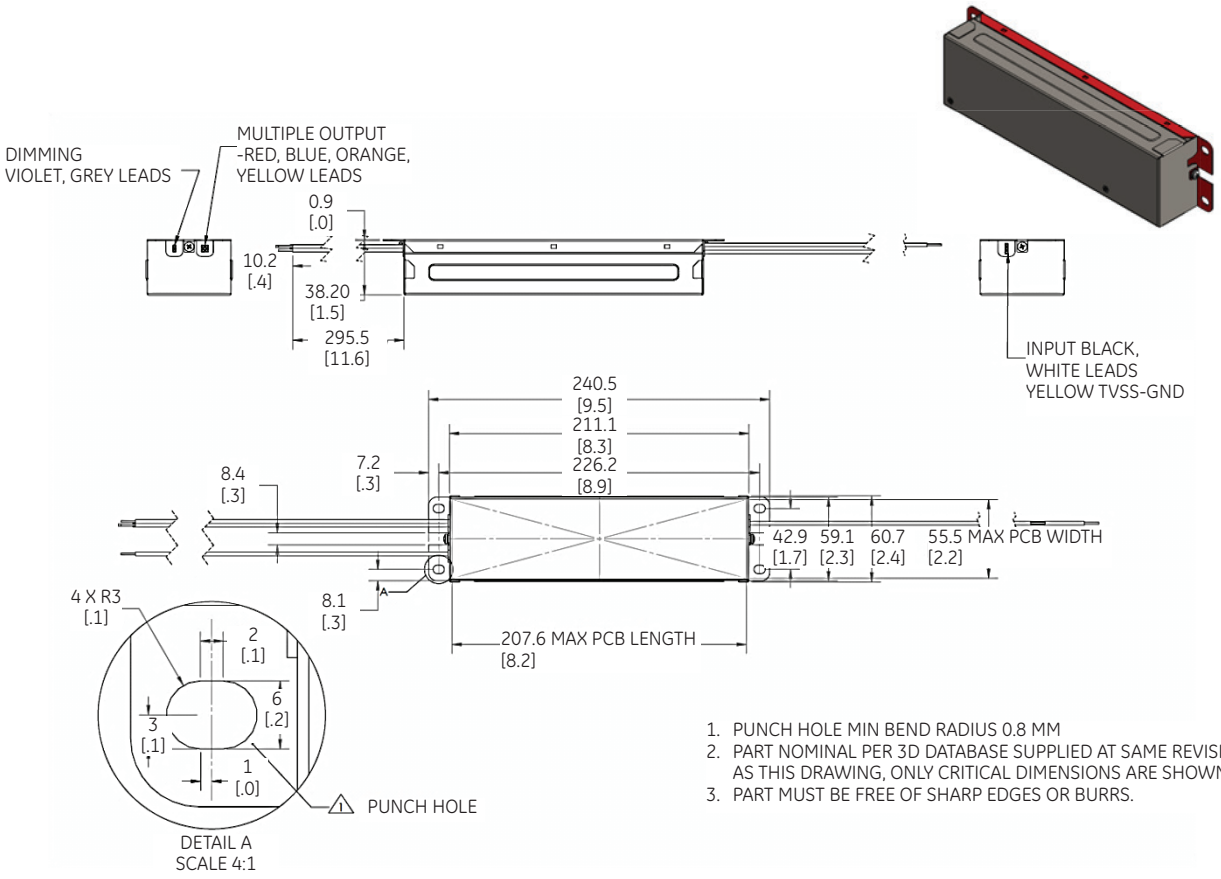
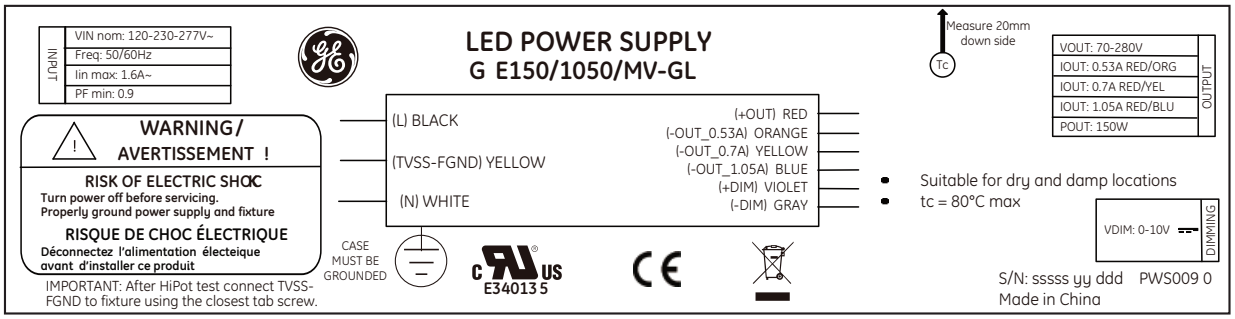


1. PUNCH HOLE MIN BEND RADIUS 0.8 MM
2. PART NOMINAL PER 3D DATABASE SUPPLIED AT SAME REVISION AS THIS DRAWING, ONLY CRITICAL DIMENSIONS ARE SHOWN.
3. PART MUST BE FREE OF SHARP EDGES OR BURRS.

Product Label



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