

Outdoor Dimming Driver

D100HP30X70V1SM

Description: 100W 0.3/0.525/0.7A Dimmable/Programmable Class 1 PSU

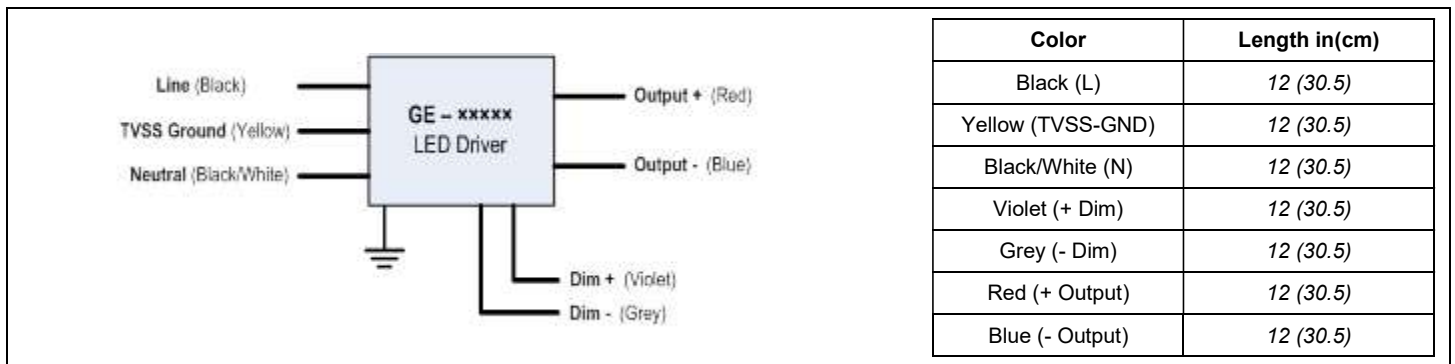
Input Voltage: 347V/480V

Input Frequency: 60Hz

ROHS Compliant: Yes



Max Output Power (W)	Output Current (A)	Output Voltage (V)	Efficiency Full load @347V	Max Input Current (A)	Max THD @50W Output	Min PF @50W Output	Max Inrush Current (A/mS)	Surge Protection (kV/kA)	Isolated Dimming			Weight (lbs/kg)	IP Rating
									Protocol	Current Source	Dimming Range @full load		
100	0.3 ± 5%	130-290	>87%	0.36 @ 347V 0.26 @ 480V	20%	>0.9	See Page below	6 / 3	0-10V	0.5mA	100%-10%	2.2 / 1	IP65
	0.525 ± 5%	130-190						6 / 3	0-10V	0.5mA	100%-10%	2.2 / 1	IP65
	0.7 ± 5%	130-144						6 / 3	0-10V	0.5mA	100%-10%	2.2 / 1	IP65



Product Features

Physical

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

Performance

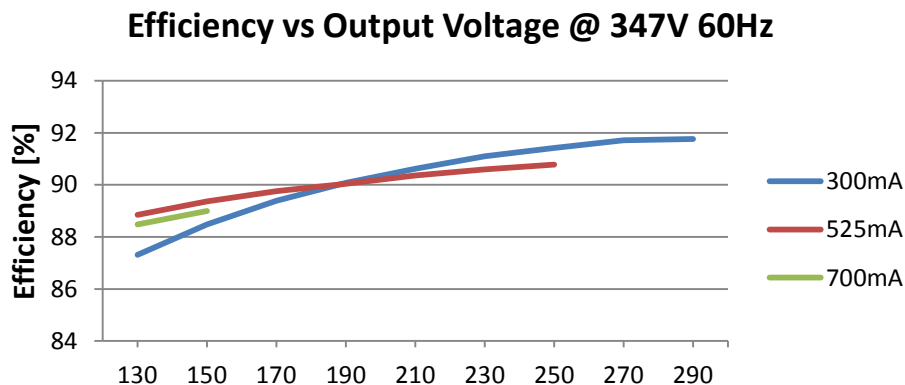
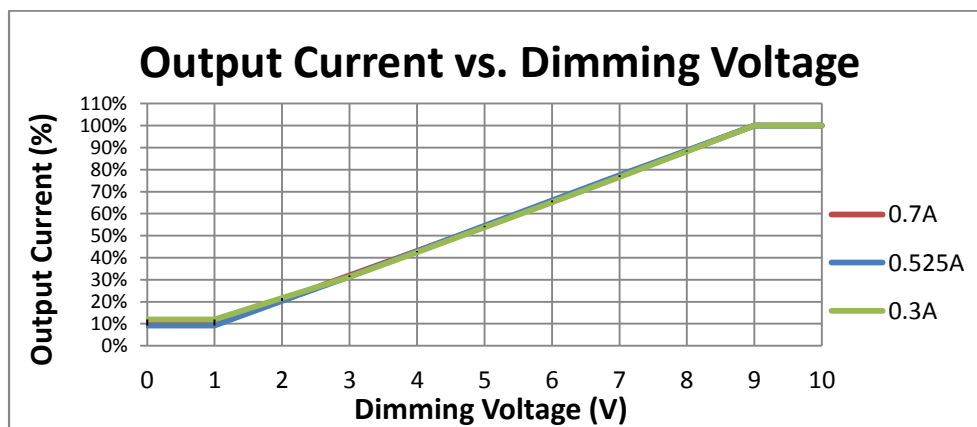
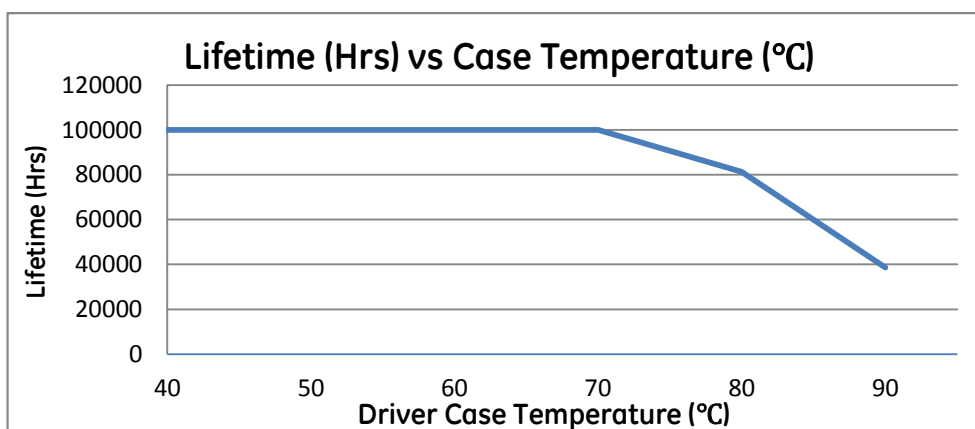
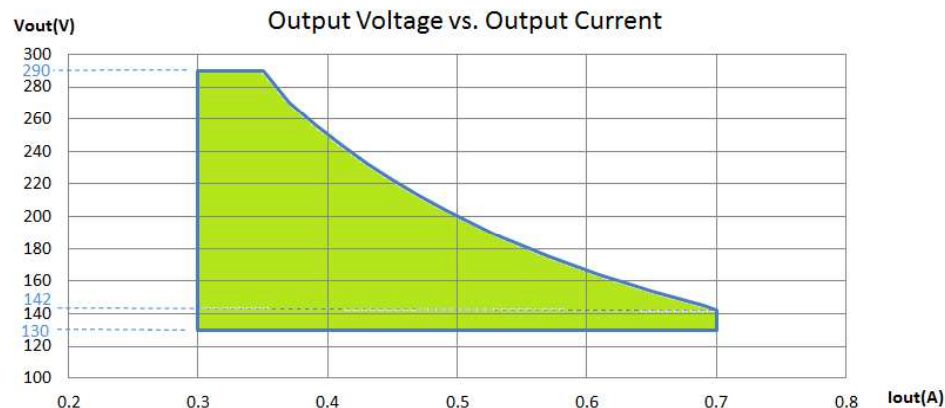
- The unit is classified as Class 1 as stipulated in UL8750.
- Dimming circuit is classified as Class 2 as stipulated in UL1310.
- Minimum ambient operating temperature: -40°C.
- Maximum allowable casing temperature: 90°C.
- For reliability and failure rate information, contact GE Technical Sales Representative
- The unit is UL certified for operation in dry/damp locations (Outdoor Type 1).
- The unit is tolerant of extended open circuit and short circuit conditions.
- The unit is compliant to FCC Title 47 Part 15 Class A
- The unit is resistant to surges as per IEEE/ANSI C62.41.2-2002 Location C-Low (6kV/3kA)
- The unit cannot be hot plug-in at output side.

UL Conditions of Acceptability – E340135

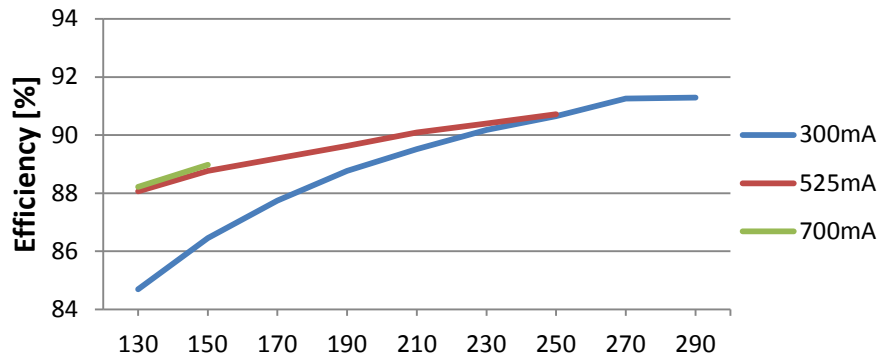
- The unit has been examined to comply with Class 1 Output Criteria
- The unit is only to be used in dry or damp locations
- The metal casing must be connected to EARTH.
- TVSS-GND (Yellow wire) shall be connected to fixture ground after hi-pot test using closest tab screw.
THIS IS NOT A SAFETY GROUND!

Technical Information

GE100HP30X70V1SM



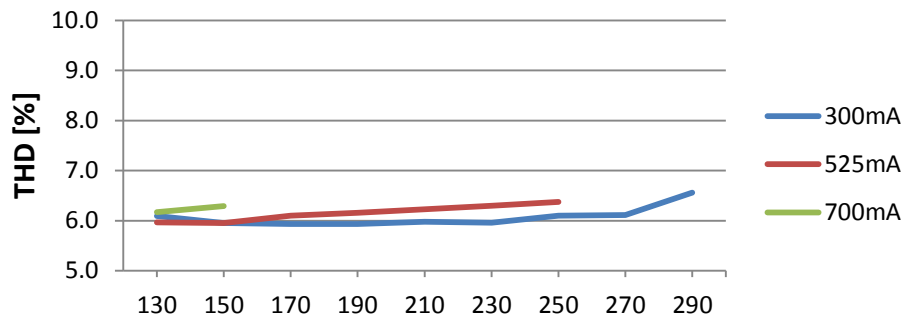
Efficiency vs Output Voltage @ 480V 60Hz



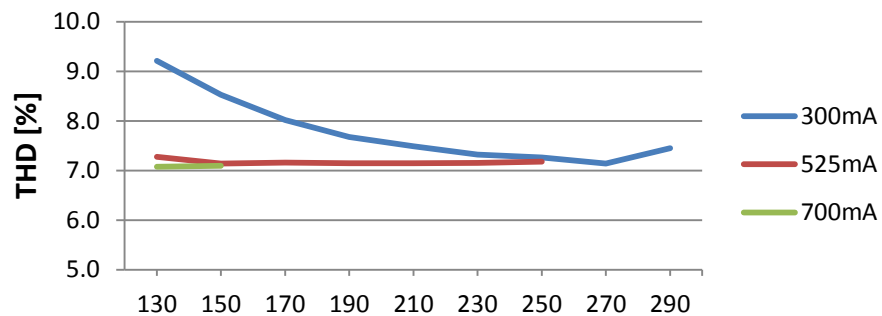
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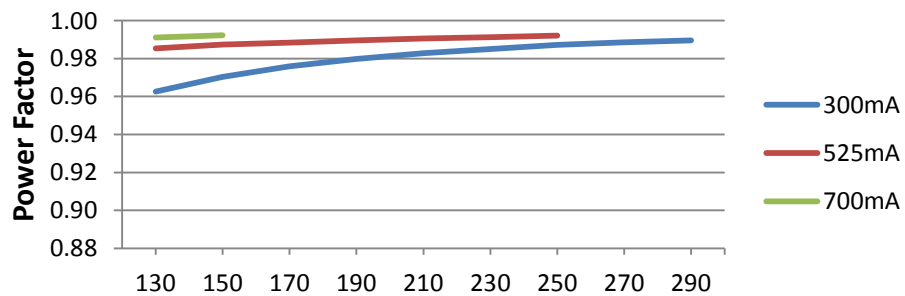
THD vs Output Voltage @ 347V 60Hz



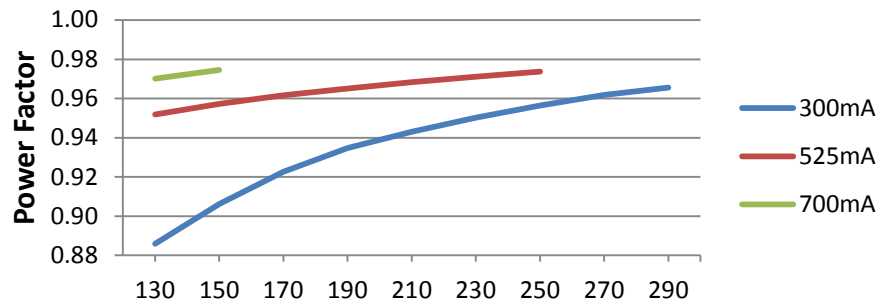
THD vs Output Voltage @ 480V 60Hz



PF vs Output Voltage @ 347V 60Hz



PF vs Output Voltage @ 480V 60Hz



Input Inrush Current

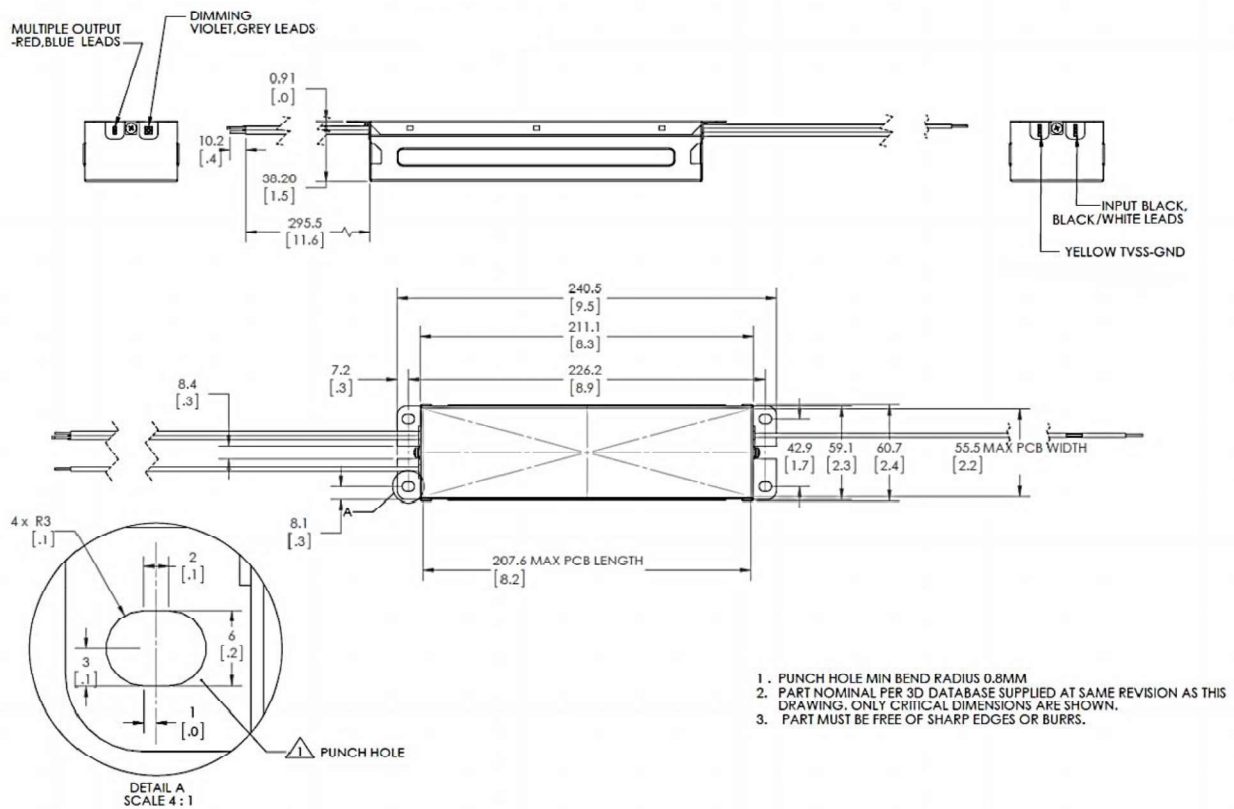
Input Voltage (Vrms)	Peak Current Pulse (Apk)	Pulse Duration (50% of Peak) (ms)
347	50	0.05
480	55	0.05

Input Ground Leakage Current

Input Voltage [Vrms]	Leakage Current [mA]
347	0.48
480	0.66

Product Dimensions

GE100HP30X70V1SM



Product Label

ULdH1	VIN nom: 347-480 V~
	Freq: 60Hz
	Iin max: 0.36A
	PF min: 0.9



UltraMax® 347-480V
LED Driver

LED POWER SUPPLY
XXXXX - D100HP30X70V1SM

VDIM: 0-10V	DIMMING
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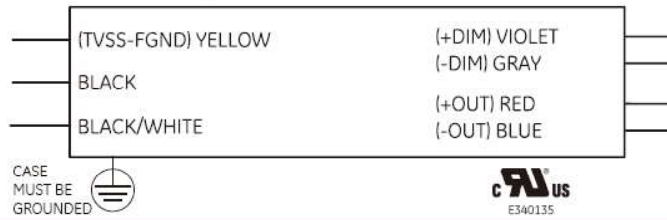
**WARNING/
AVERTISSEMENT!**

RISK OF ELECTRIC SHOCK
Turn power off before servicing.
Properly ground power supply and fixture

RISQUE DE CHOC ÉLECTRIQUE
Déconnectez l'alimentation électrique
avant d'installer ce produit.

IMPORTANT: After HiPot test connect TVSS-FGND to fixture using the closest tab screw.

Tc → Bottom side



S/N:
Made in China

- Suitable for dry and damp locations
- Tc = 90°C max

OUTPUT
VOUT: 130-290V
IOUT: 0.3A-0.7A
POUT: 100W