

FEATURES

- Class 2
- Built-in active PFC Function
- IP67

35W Constant Current LED driver With Dimming

LGUx035 Series



SPECIFICATIONS

Model #	Voltage Range	Output Current	Ripple & Noise (2)	Efficiency @ 115V	Dimming Control	Max. Power
LGU-035S012-250PSC	7~12V	2500mA	3Vp-p	82%	No	30W
LGU-035S024-125PSC	14~24V	1250mA	3Vp-p	84%	No	30W
LGU-035S030-105PSC	5~30V	1050mA	3Vp-p	85%	No	31.5W
LGUD035S042-070PSC	5~42V	700mA	4Vp-p	84%	Yes	29.4W
LGU-035S048-070PSC	5~48V	700mA	4Vp-p	86%	No	33.6W

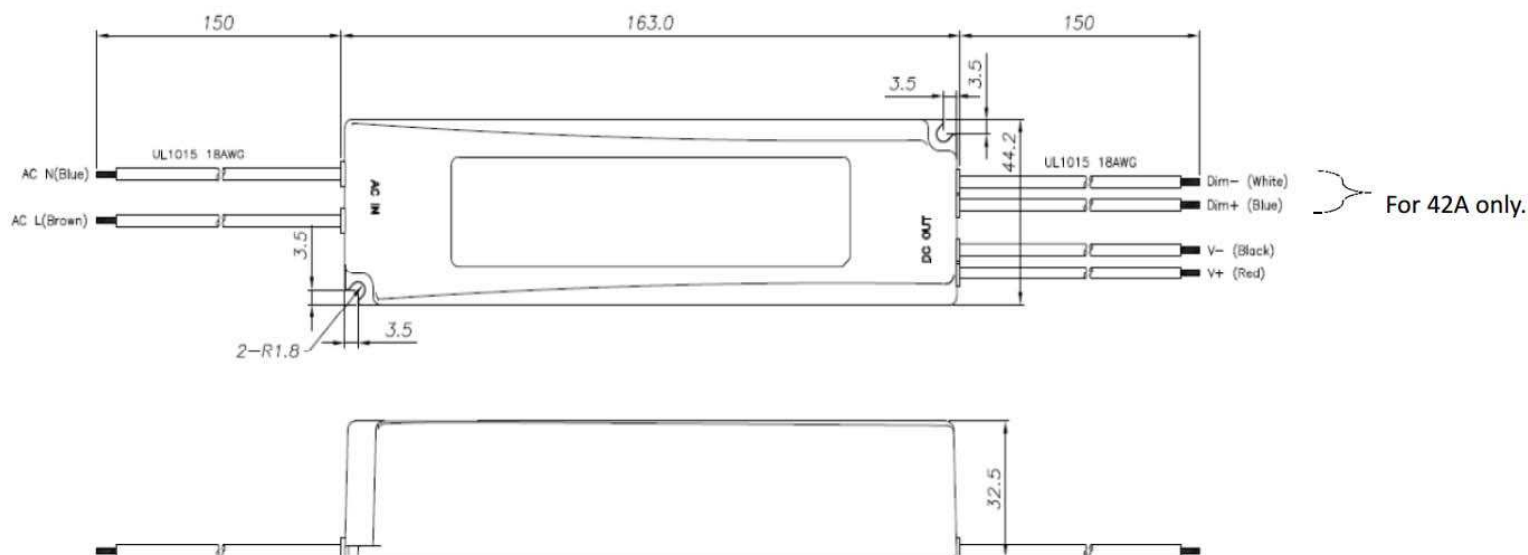
Output	Current Tolerance	+10%, -10%				
	Turn-on Delay Time	1 sec. / 230 AC, 2 sec./115VAC, at full load				
	Leakage	<0.5mA / 240VAC				
	Voltage Tolerance	+5% -5%				
Input	Voltage Range	90~264VAC or 127~370VAC				
	Frequency Range	47Hz~63Hz				
	Efficiency @ 240V	80.0%				
	Power Factor	0.95 @ 115VAC Full load / 0.85 @230VAC Full load				
	Inrush Current	60A @ 230VAC				
	AC Current	0.4A at 115V AC/ 0.25A @ 230VAC				
Protections	Short Circuit	Protection type: Hiccup mode, recovers automatically after fault condition is removed				
	Over Temperature	95°C±10°C Auto Recover				
	Over Voltage	16~23V	28~35V	35~45V	52~60V	48~53V
		Type: Auto-recovery				
Environmental	Temperature Range	Operational	-20°C~70°C			
		Storage	-40°C~+80°C			
	Humidity	Operational	20%~90%RH			
		Storage	10%~90%RH			
Safety & EMC	Safety Standards (PENDING)	Meets UL 1310 Class 2, EN61347-1,EN61347-2-13,IP67				
	EMI Conduction & Radiation	Meet EN55015				
	EMS Immunity	Meet EN61000-4-2,3,4,5,6,11				
Others	MTBF	200,000 hours				
	Dimension	(L*W*H) 163*45*33 mm				
	Weight	370g				



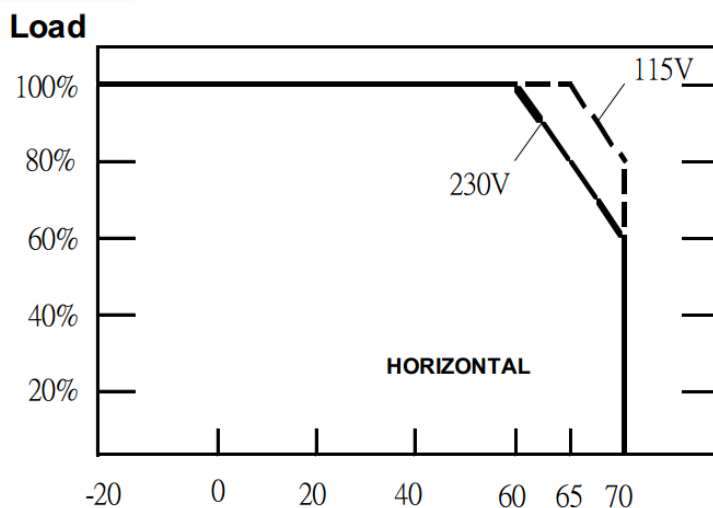
Notes:

1. This range is defined for constant current operation.
2. Ripple & Noise are measured at 20MHz bandwidth with 0.1uf ceramic & 47uf electrolytic capacitors in parallel.
3. All specifications not specially mentioned are measured at 115V AC and 25°C ambient.

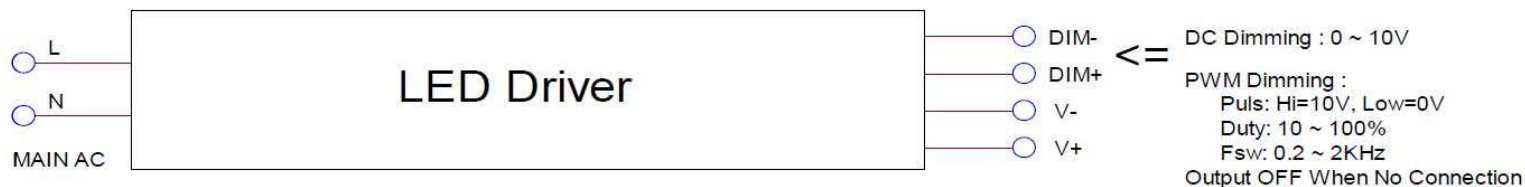
Mechanical Specification



Derating Curve



Dimmable Control



PART NUMBER SCHEME

LGUD035vvv-aaaPSC

L=LED driver "G" Series

U = Universal input 90~264Vac

D= Dimming - = Non- Dimming

035= Output Power (Watts)

C= Constant Current Output

S= Class II, 2 Wire Input

P=Plastic Case

aaa= Constant Current (mA)

vvv=Max. Output Voltage

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AUTEC IS NOT RESPONSIBLE FOR ISSUES ARISING FROM ERRORS OR OMMISIONS

