

FEATURES

- Universal AC input 90~264V AC
- Active PFC
- Over Voltage, Short Circuit & Over Temperature Protection
- IP67
- RoHS Compliant

35W Constant Current LED Driver

LGU-035 Series



SPECIFICATIONS

Model #	Voltage Range	Output Current	Ripple & Noise	Efficiency @ 115VAC
LGU-035S048-070PSC	5~48V	700mA	4V	86.0%
LGU-035S030-105PSC	5~30V	1050mA	3V	85.0%
LGU-035S024-125PSC	14~24V	1250mA	3V	84.0%
LGU-035S012-250PSC	7~12V	2500mA	3V	82.0%

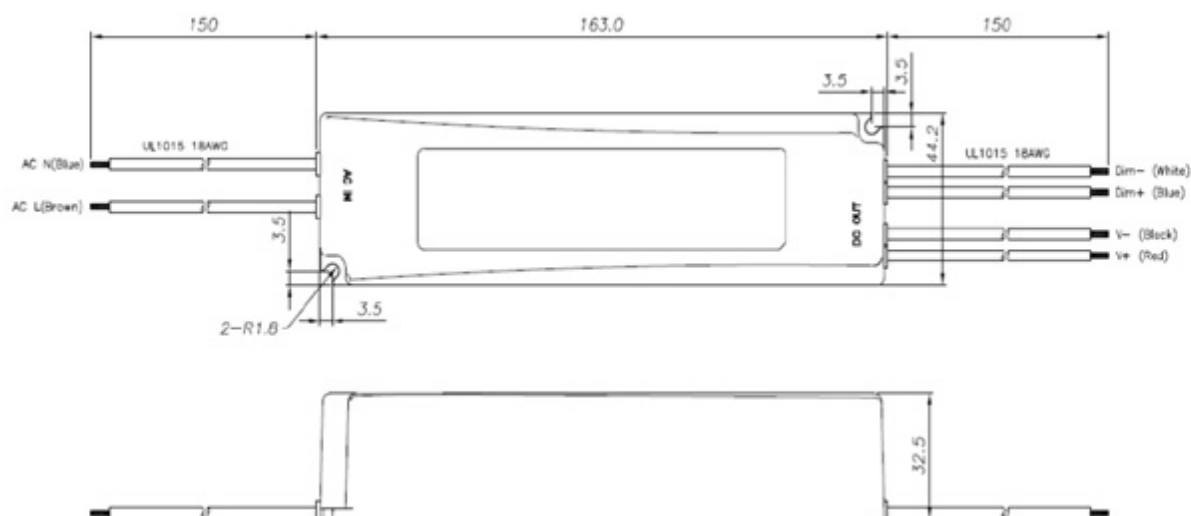
Output	Turn-on Delay Time	1sec./230VAC, 2sec. / 115VAC, at full load. (Typ.)	
	Leakage	<0.5mA / 240VAC	
Input	Voltage Range	90~264 VAC or 127~370VDC	
	Frequency Range	47Hz~63Hz	
	PF	0.95 @ 115VAC / 0.85 @ 230VAC	
	Inrush Current	60A @ 230VAC	
	AC Current	0.4A@ 115VAC / 0.25A @ 230VAC	
Protections	Short Circuit	Protection type: Hiccup mode, recovers automatically after fault condition is removed	
	Over Temperature	95°C ± 10% Internal Temperature. Auto recovery after power supply cools.	
	Over Voltage (Typ.)	Latch mode. The power shall return to normal operation only after recycling the AC.	
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	UL1310 Class 2, EN61347-1, EN61347-2-13, IP67 (PENDING)	
	EMI Conduction & Radiation	Meet Compliance to EN55015	
	EMS Immunity	EN61547, EN61000-4-2,3,4,5,6,11, EN61547	
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 0.1 μ F ceramic & 47 μ F electrolytic capacitors in parallel.
3. Voltage Tolerance: includes line regulation, load regulation and set-up tolerance.
4. All specifications not specially mentioned are measured at 115VAC and 25°C ambient temperature.

Mechanical Specifications



PART NUMBER SCHEME

LGU-035Svvv-aaaPSC

L=LED Driver "G" Series

U=Universal input 90~264VAC

035= Output Power (Watts)

S= Single Output

C= Constant Current

S= Class II, Wire Input

P=Plastic Case

aaa= Max Current

vvv= Max Voltage

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

