AUTEC POWER SYSTEMS

- Universal AC Input 90~264Vac
- High Efficiency & High Power Factor
- Operation from - 20°C ~ 70°C
- IP67
- RoHS Compliant
- Certified to UL/cUL 8750

SPECIFICATIONS

Model#	Output Constant Current	Output Voltage Range (1)	Over Voltage Protection
LGU-010S017-068PSCD	680mA±10%	4~17V	23~27V
LGU-010S035-034PSCD	340mA±10%	4~35V	41~48V

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Output	PWM Dimming	0V<Vadj<10V (100HZ-3KHZ)
	Rated Max. Power	12W
	Turn-on Delay Time	<200ms at full load
	Set up time	0.5s/230V AC 1s/115V AC at full load
Input	Voltage Range	90V AC ~ 264V AC or 127V AC ~ 370V AC
	Frequency Range	47Hz~63Hz
	Power Factor Correction	>0.9/115V AC at full load
	AC Current	0.2A at 115V AC / 0.1A at 230V AC
	Inrush Current	11A at 115V AC / 15A at 230V AC
	Leakage Current	<0.25mA / 240V AC
Protections	Over Load	100~135% rated output power recovers automatically after fault condition has been removed.
	Short Circuit	Type: By constant current mode. Recovers automatically after fault condition is removed.
Environmental	Temperature Range	Operational	-20°C~70°C (See derating curve)
		Storage	-40~+80°C
	Humidity	Operational	20%~95%RH
		Storage	10%~95% RH
Safety & EMC	Safety Standards	EN 61347-1, EN61347-2-13, IP67 Approved. UL1310
	EMI Conduction & Radiation	Meet EN55015, FCC part 18/ class B
	EMS Immunity	Meet EN61547, EN61000-4-2,3,4,5,6,8,11
Others	MTBF	400k Hours
	Dimensions	(L*W*H) 108*30.5*26mm
	Weight	140g

Notes:

1. All parameters NOT specially mentioned are measured at 230V AC input, rated load and 25°C ambient temperature.
2. The constant current operation region is within the specified output voltage range above. This is the suitable operation region for LED related applications.
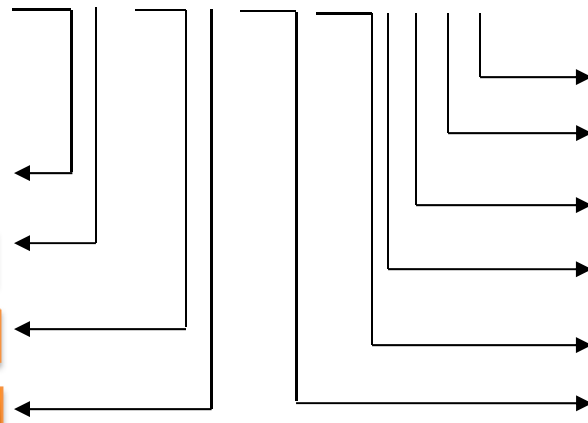
Mechanical Specification
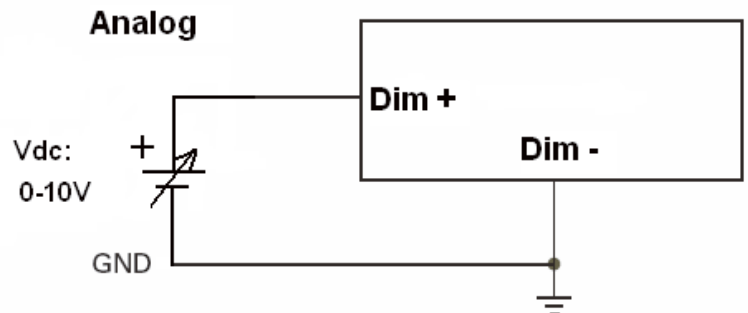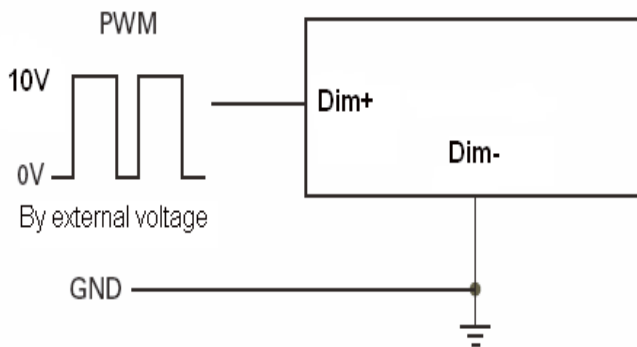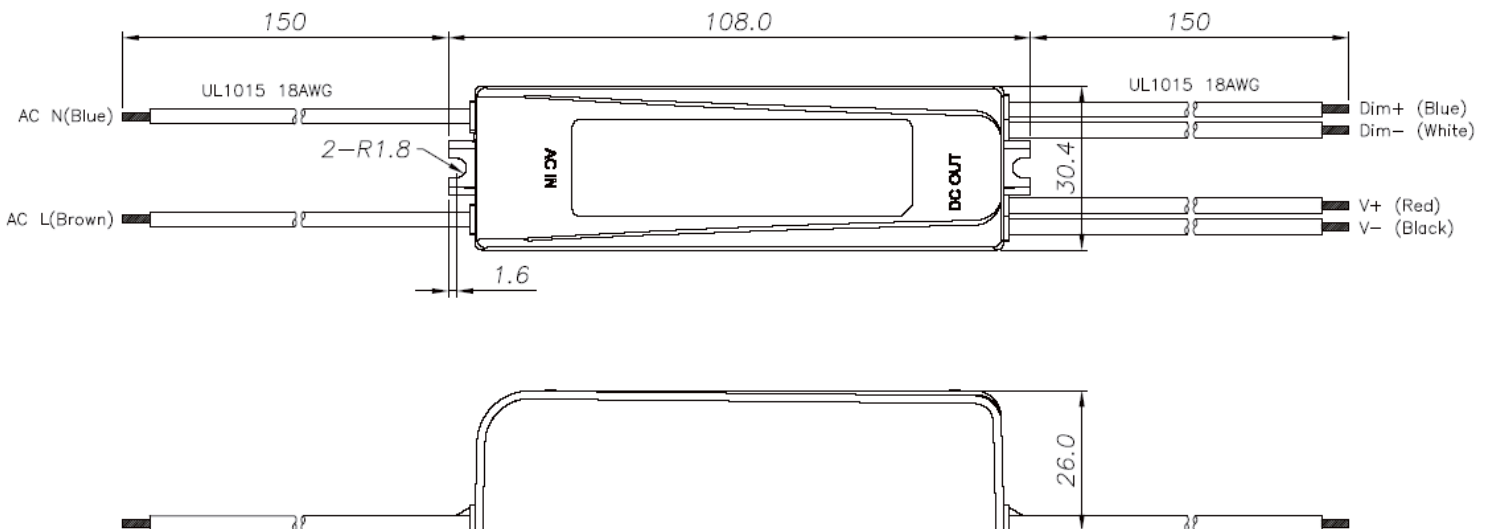
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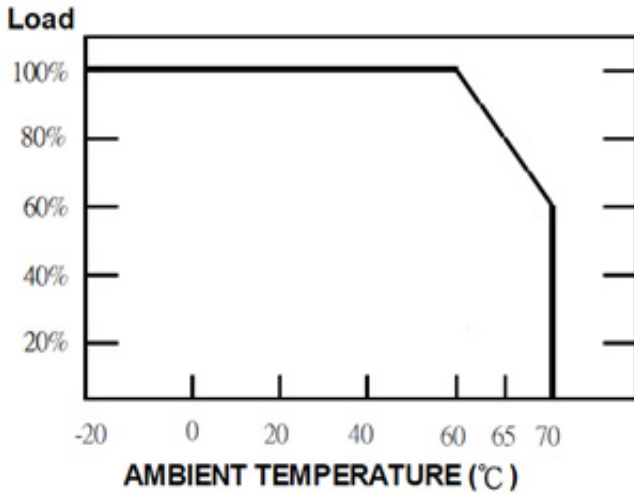
PART NUMBER SCHEME

LGU-010S*-***PSCD**

L=Led Driver "G" Series

U = Universal Input 90~264

010= Output Power (Watts)

S= Single Output

D= 0-10V Analog Dimming
P= PWM Dimming

C= Constant Current

S=Class II, 2 Wire Input

P= Plastic Case

***= Current

***= Max Voltage

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