

FEATURES

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

15W Constant Current with Dimming

LGU-015 Series



SPECIFICATIONS

Model#	Output Current	Output Voltage Range	PF		Current Tolerance	Efficiency @ 240Vac	Rated Max. Power
			120VAC	240VAC			
LGU-015S012-125PSCD	1250mA	8~12V	0.88	0.8	±5%	80.0%	15W
LGU-015S024-070PSCD	700mA	14~24V	0.88	0.8	±5%	83.0%	16.8W
LGU-015S030-050PSCD	500mA	24~30V	0.88	0.8	±5%	83.0%	15W
LGU-015S042-035PSCD	350mA	26~42V	0.88	0.8	±5%	82.0%	14.7W

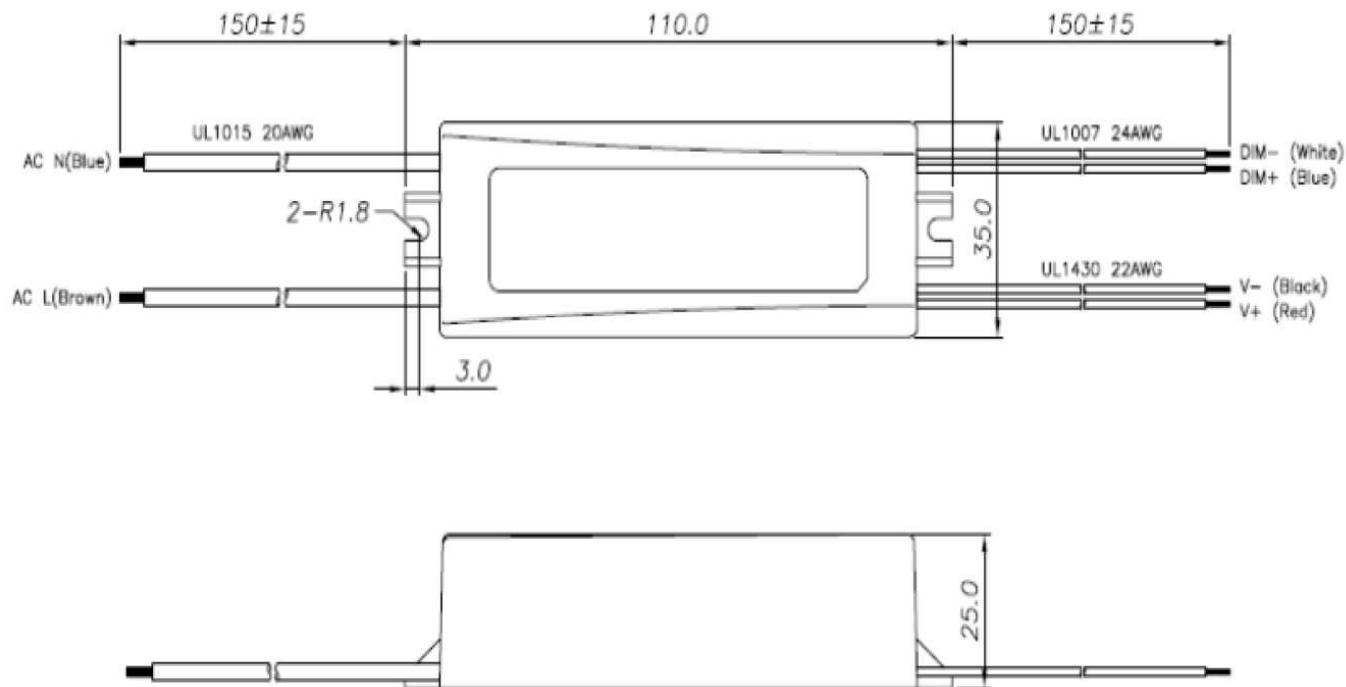
Output	DC Dimming	DC-1-10V or electronic Potentiometer 1-10V	
	Resistance Dimming	10K ~ 100KΩ	
	Turn-on Delay Time	<200ms at full load	
	Leakage	<0.25mA / 230Vac	
Input	Voltage Range	90~264Vac	
	Frequency Range	47Hz~63Hz	
	Inrush Current	11A @ 115Vac / 15A @230Vac	
	AC Current	0.25A @ 120Vac / 0.13 @ 240Vac	
Protections	Short Circuit	Protection type: Hiccup mode, recovers automatically after fault condition is removed	
	Over Temperature	95°C ±10°C	
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	Meet EN61347-1, EN61347-2-13	
	EMI Conduction & Radiation	Meet EN55015	
	EMS Immunity	Meet EN61000-4-2,3,4,5,6,8,11	
Others	MTBF	200,000 HOURS	
	Dimension	Millimeters (L*W*H) 110*35*25	
	Weight	140g	



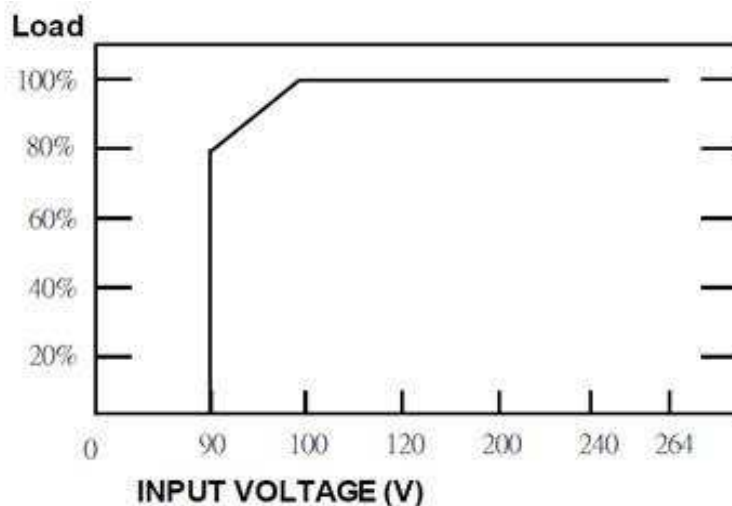
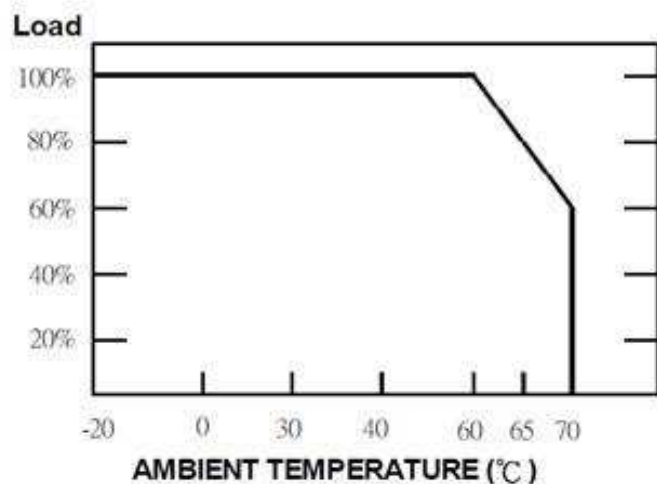
Notes:

1. All parameters NOT specially mentioned are measured at 240V AC input, rated load and 25°C ambient temperature.
2. The power supply is considered a component which will be installed a final equipment. The final equipment must be re-confirmed to insure that it meets EMC directives.

Mechanical Specification



Derating Curve



(1)DC:1-10V Dimmable (typical)

DIM (Voltage)	1V	2V	3V	4V	5V	6V	7V	8V	9V	10V
Lout (%)	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

(2)10V PWM Dimmable (Typical)

DIM(10V/PWM)	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
Lout (%)	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

(3)10-100KΩ Resistance Dimmable(typical)

Resistance	Single driver	10KΩ	20KΩ	30KΩ	40KΩ	50KΩ	60KΩ	70KΩ	80KΩ	90KΩ	100KΩ
	Multi driver	10K/N	20K/N	30K/N	40K/N	50K/N	60K/N	70K/N	80K/N	90K/N	100K/N
Lout(%)		10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

※The length of extended wire for DIM+/- shall not exceed 20 meters. (Wire ≤ 20m)

※N=The number of dimmer drivers should not exceed 15.(N ≤ 15)

PART NUMBER SCHEME

LGU-015S***-***PSCx

L=Led Driver "G" Series

U = Universal Input 90~264

015= 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. AUTECH IS NOT RESPONSIBLE FOR ISSUES ARISING FROM ERRORS OR OMISSIONS

