

FEATURES

60W DC Input Constant Current with Optional Dimming LSDCx060 Series

- High Efficiency
- IP67
- RoHS Compliant
- Certified to UL/cUL 8750
- Optional Dimming



SPECIFICATIONS

Model #	Output Current	Output Voltage	Output Power	No Load Output Voltage ±5%	Ripple & Noise (3)
LSDCx060S064SS	640mA	42~96 V	60W	99	0.32
LSDCx060S070SS	700mA	52~86 V	70W	91	0.34

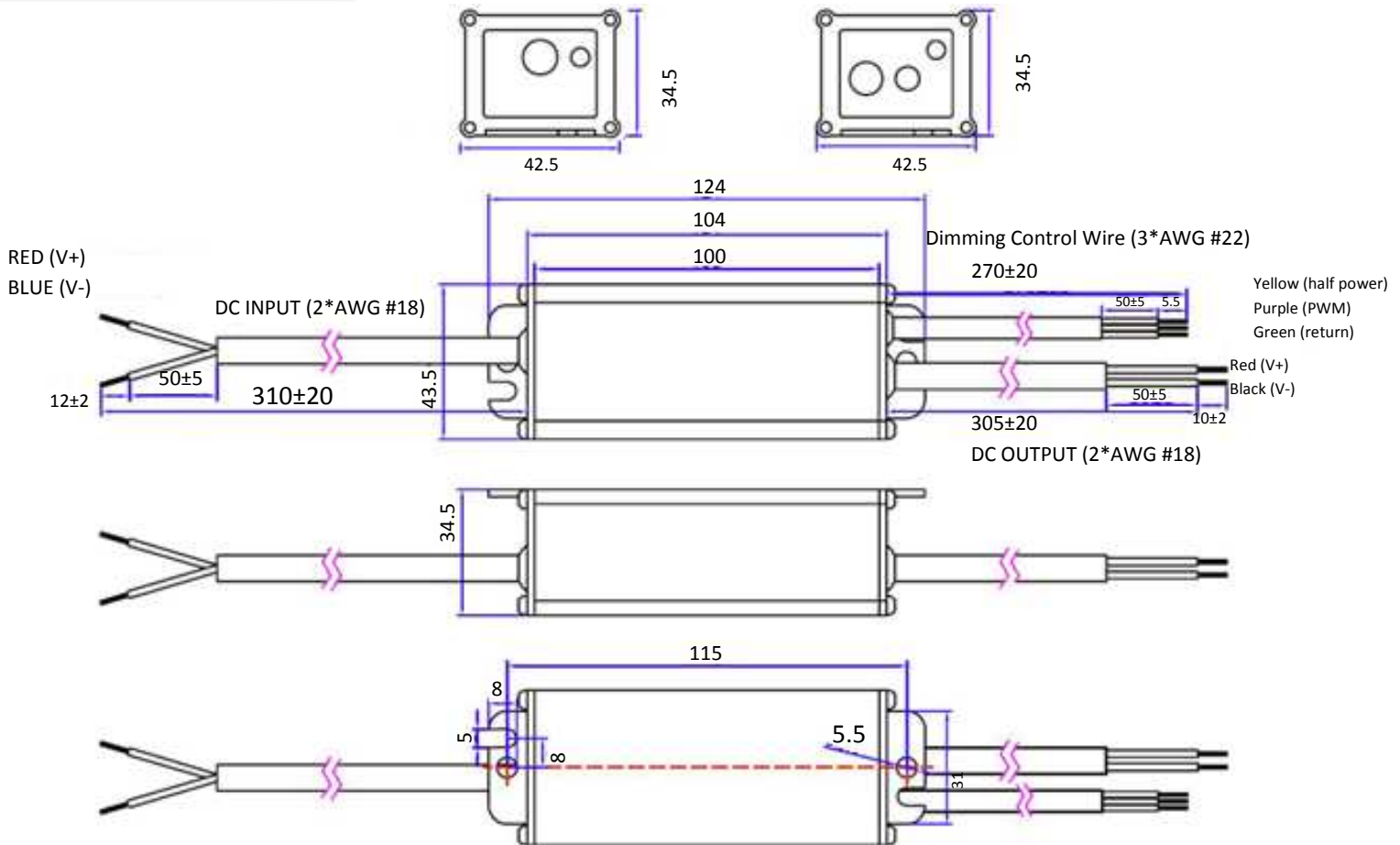
Output	Set-up Delay Time		<0.25s
	Line Regulation		3%
	Load Regulation		5%
Input	Voltage		10~30
	Efficiency (2)		12V 90% / 24V 93%
	Inrush Current		8A Cold start, Vin=12V, Po60W
	DC Current	12V	5.6 A Full Load, Vin=12V, Po60W
24V		2.7 A Full Load, Vin=24V, Po60W	
Dimming	Input Voltage	0~10V	Purple Wire
	Input Current	10 mA	Pulse width 0% means connecting the 0~10V wire to ground
	Pulse Width	0~100%	
Protections	Over Voltage		1.3 Vo ±5% floating deviation Latch mode. The power supply shall return to normal operation only after power has been recycled.
	Short Circuit		Protection type: Hiccup mode, recovers automatically after fault condition is removed.
Environment	Temperature Range	Operational	-35°C ~ +50°C
		Storage	-40°C ~ 85°C
	Humidity	Operational	10~100% RH non-condensing
		Storage	5~100% RH
Others	MTBF		100,000 hours
	Life Time		60,000 hours
	Dimensions		(L*W*H) 104*43.5*34.5mm 4.09*1.71*1.36 inches
	Weight		315g



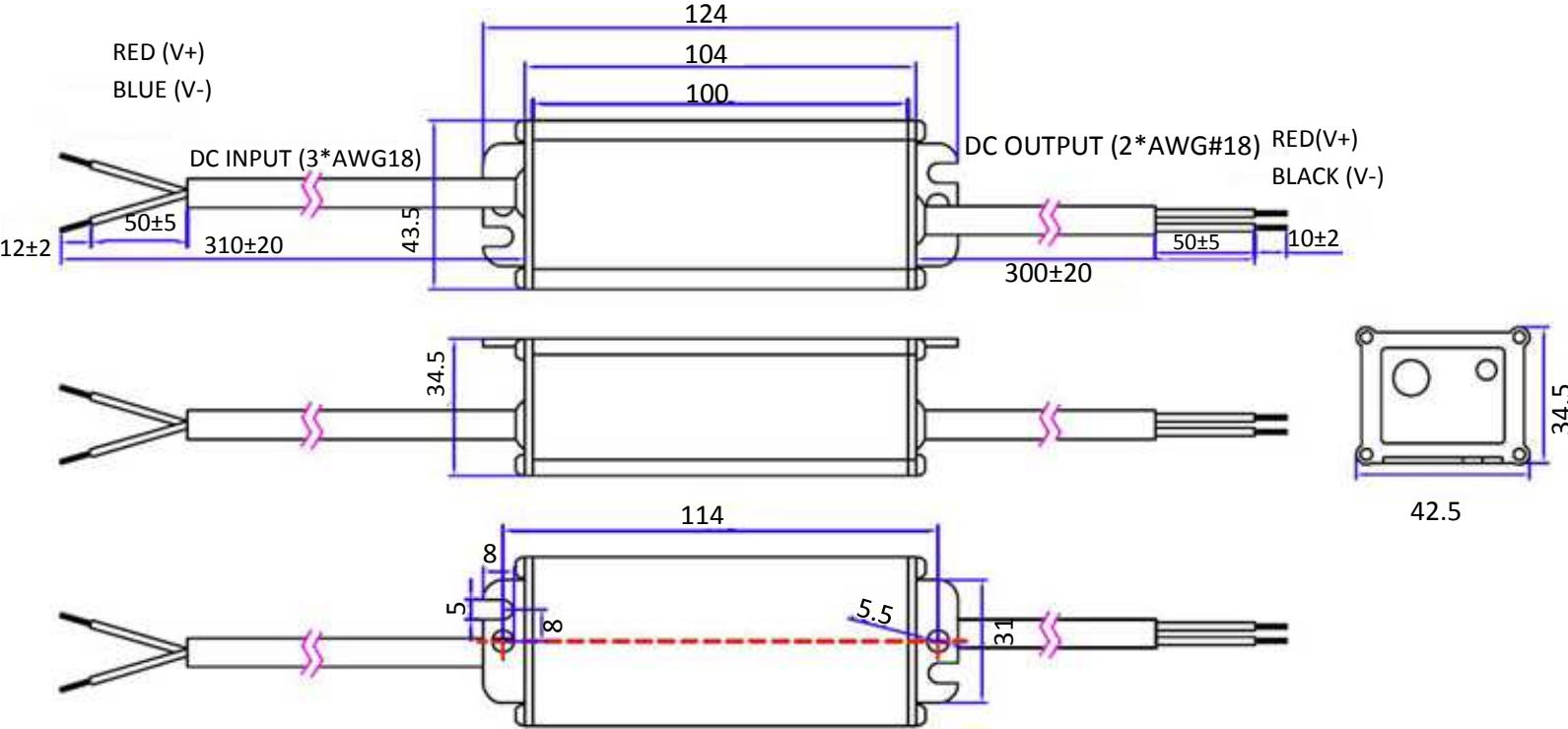
Notes :

1. All specifications are typical at 25°C unless otherwise stated.
2. The "Efficiency" values are measured at full load, after the unit is thermally stabilized, otherwise they will be lower about 1%.
3. The "Ripple & Noise" values are measured by 20MHz bandwidth oscilloscope and the output paralleled a 0.1uF ceramic capacitor and a 10uF electrolytic capacitor.

Mechanical Specifications



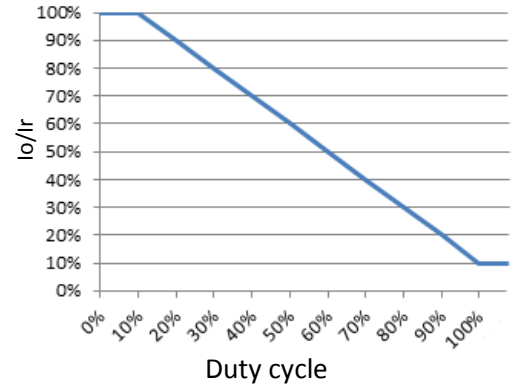
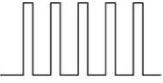
Non Dimming Mechanical Specifications



Dimming Character

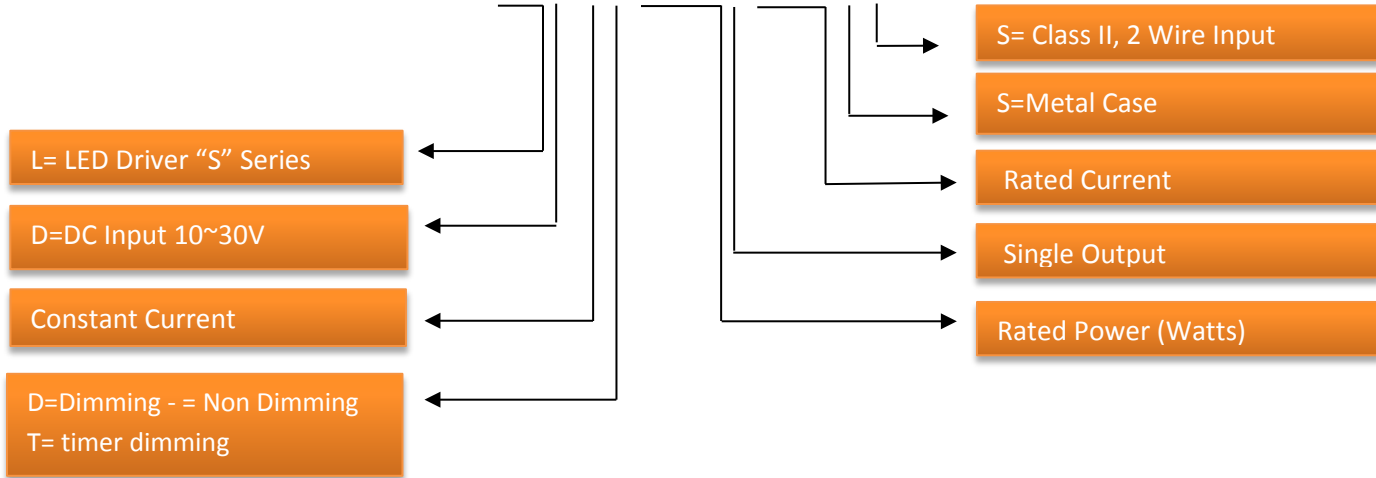


PWM Dimming:
Pulse: Hi=5V Low=2V
Duty: 10-100% Fsw: 1-2KHz



PART NUMBER SCHEME

LSDC**x**060**S**070**SS**



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

