

**FEATURES**

**16W LED Driver**

**LXWC-016 Series**

- Constant current LED driver
- Total power: 16W
- Input voltage: 120~277Vac  $\pm$  10%
- Number of outputs: One
- UL 8750
- IP20 design for dry and damp location
- 5 year warranty



**SPECIFICATIONS**

Model # (2)	Output Current (mA)	Voltage Range	Max. Output Power	Efficiency (Typ.)
LXWC-016S029SS-20	295	18-54V	16W	80%
LXWC-016S030SS-20	300	17-53V	16W	80%
LXWC-016S040SS-20	400	13-40V	16W	80%
LXWC-016S050SS-20	500	10-32V	16W	80%
LXWC-016S060SS-20	600	9-27V	16W	80%
LXWC-016S070SS-20	700	8-23V	16W	80%
LXWC-016S080SS-20	800	7-20V	16W	80%
LXWC-016S090SS-20	900	6-18V	16W	80%
LXWC-016S100SS-20	1000	6-16V	16W	80%
LXWC-016S110SS-20	1100	6-15V	16W	80%
LXWC-016S120SS-20	1200	6-13V	16W	80%
LXWC-016S130SS-20	1300	6-12V	16W	80%
LXWC-016S140SS-20	1400	6-11V	16W	80%

<b>Output</b>	<b>Ripple &amp; Noise (pk-pk)</b>	±2%
	<b>Load Regulation</b>	±1%
	<b>Line Regulation</b>	±5%
	<b>Voltage Tolerance</b>	<0.75s at Full Load Condition
	<b>Turn-on Delay Time</b>	<10% at Full Load Condition
	<b>Overshoot</b>	<1W
	<b>No Load Power Consumption</b>	<10%

<b>Input</b>	<b>Power Factor</b>	120~277Vac ± 10%
	<b>Input voltage</b>	50/60Hz
	<b>Frequency Range</b>	7A @230V
	<b>Inrush Current</b>	0.19A @ 120V and 0.09A @ 277V
	<b>AC Current (Typ.)</b>	<20% with 120~277 VAC and 80-100% Load Condition
	<b>THD</b>	>0.9 @ 80~100 load, 120~277VAC for all models

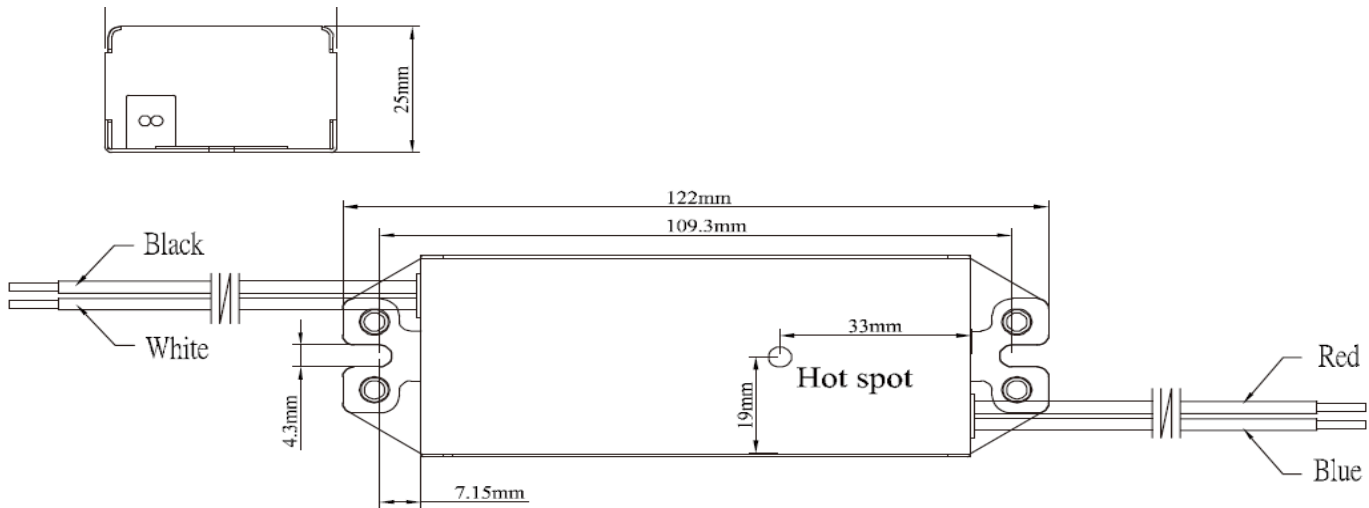
<b>Protections</b>	<b>Short Circuit</b>	
	<b>Over Load</b>	Hic-Up mode, Auto recover when fault condition is removed
	<b>Over Voltage</b>	

<b>Environmental</b>	<b>Temperature Range</b>	<b>Operational</b>	-30 to 60°C
		<b>Storage</b>	-40 to 85°C
	<b>Case Temperature</b>		90°C
	<b>Humidity</b>	<b>Operational</b>	5% to 95%

<b>Safety&amp;EMC</b>	<b>Withstand Voltage</b>	Input to Output 2000Vdc,
	<b>Safety Standards</b>	UL 8750, CUL
	<b>EMI Conduction &amp; Radiati</b>	FCC, 47CFR Part 15 ANSI C63.4:2009 - Class B Consumer Limit
	<b>EMC Immunity</b>	EN61347-1, EN61347-2-13, EN61000-3-2 Harmonic Current Emissions Class C

<b>Others</b>	<b>MTBF</b>	
	<b>Life time</b>	
	<b>Dimension</b>	4.80" (L) * 1.58"(W) * 0.96 (H)
	<b>Mounting</b>	4.29" (M)
	<b>Weight</b>	0.22 Kg (0.485 Lb)

## MECHANICAL DRAWING



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