

LXWC-022SXXXSS-20

FEATURES

LXWC -022S Series

- .Constant current LED driver
- .Total power: 22W
- .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-022S035SS-20	350	21-63V	22W	80%
LXWC-022S040SS-20	400	18-55V	22W	81%
LXWC-022S050SS-20	500	14-44 V	22W	81%
LXWC-022S060SS-20	600	12-36V	22W	81%
LXWC-022S070SS-20	700	10-32V	22W	81%
LXWC-022S080SS-20	800	9-28V	22W	81%
LXWC-022S090SS-20	900	8-24V	22W	81%
LXWC-022S100SS-20	1000	8-22V	22W	81%
LXWC-022S110SS-20	1100	7-20V	22W	81%
LXWC-022S120SS-20	1200	7-18V	22W	81%
LXWC-022S130SS-20	1300	7-17V	22W	81%
LXWC-022S140SS-20	1400	7-16V	22W	81%
LXWC-022S150SS-20	1500	7-15V	22W	81%
LXWC-022S154SS-20	1540	7-14V	22W	81%
LXWC-022S160SS-20	1600	7-14V	22W	81%

Output	Load Regulation	$\pm 2\%$
	Line Regulation	$\pm 1\%$
	Voltage Tolerance	$\pm 5\%$
	Turn-on Delay Time	<0.75s at Full Load Condition
	Overshoot	<10% at Full Load Condition
	No Load Power Consumption	<1W
	Ripple & Noise (pk-pk)	<10%

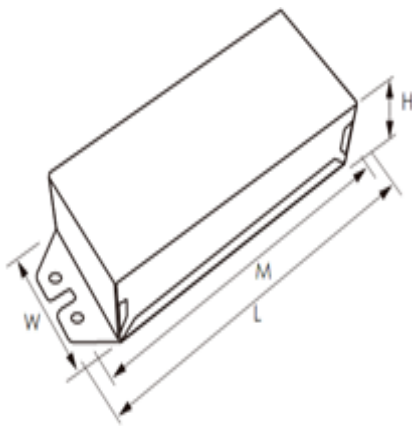
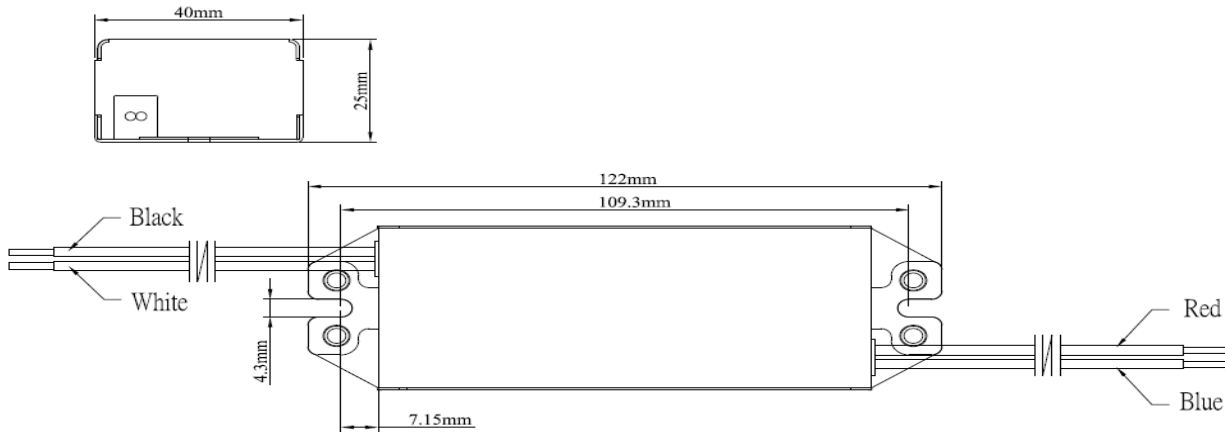
LXWC-022SXXXSS-20

Input	Input voltage	120~277Vac ± 10%
	Frequency Range	50/60Hz
	AC Current (Typ.)	0.26A @ 120V and 0.12A @ 277V
	THD	<20% with 120~277 VAC and 80-100% Load Condition
	Power Factor	>0.9 @ 80~100 load, 120~277VAC for all models

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

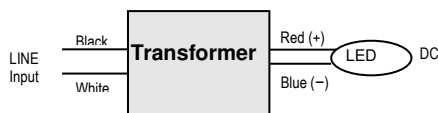
Environmental	Temperature Range	Operational	-30 to 60°C
		Storage	-40 to 85°C
	Case Temperature	90°C	
	Humidity	Operational	5% to 95%
Safety & EMC	Withstand Voltage	Input to Output 2000Vdc,	
	Safety Standards	UL 8750, CUL	
	EMI Conduction & Radiati	FCC, 47CFR Part 15 ANSI C63.4:2009 - Class B Consumer Limit	
	EMC Immunity	EN61347-1, EN61347-2-13, EN61000-3-2 Harmonic Current Emissions Class C	
Others	MTBF	376000 Hours	
	Life time	85000 Hours	
	Dimension	4.80" (L) * 1.58"(W) * 0.96 (H)	
	Mounting	4.29" (M)	
	Weight	0.22 Kg (0.485 Lb)	

MECHANICAL DRAWING



Length (L):	4.80"
Width (W):	1.58"
Height (H):	0.96"
Mounting (M):	4.29"
Weight:	0.22 kg

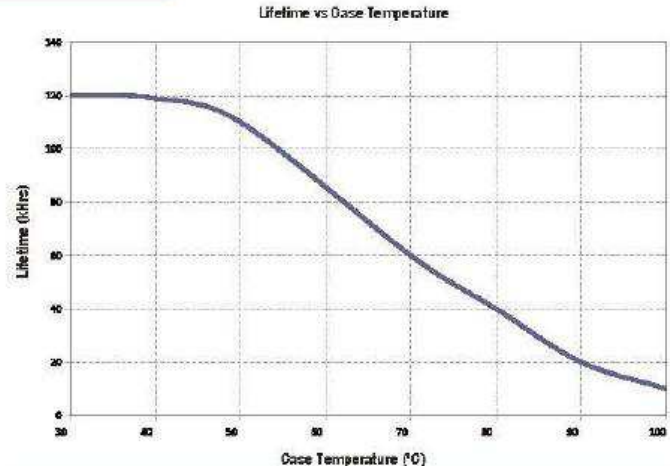
WIRE SPECIFICATIONS:	
Input:	12", UL 1316 #18AWG
Output:	12", UL 1569 #18AWG (with Non-Class 2 output)
	12", UL 1316/1430 #22AWG (with Class 2 output)



CASE TEMPERATURE LOCATION:

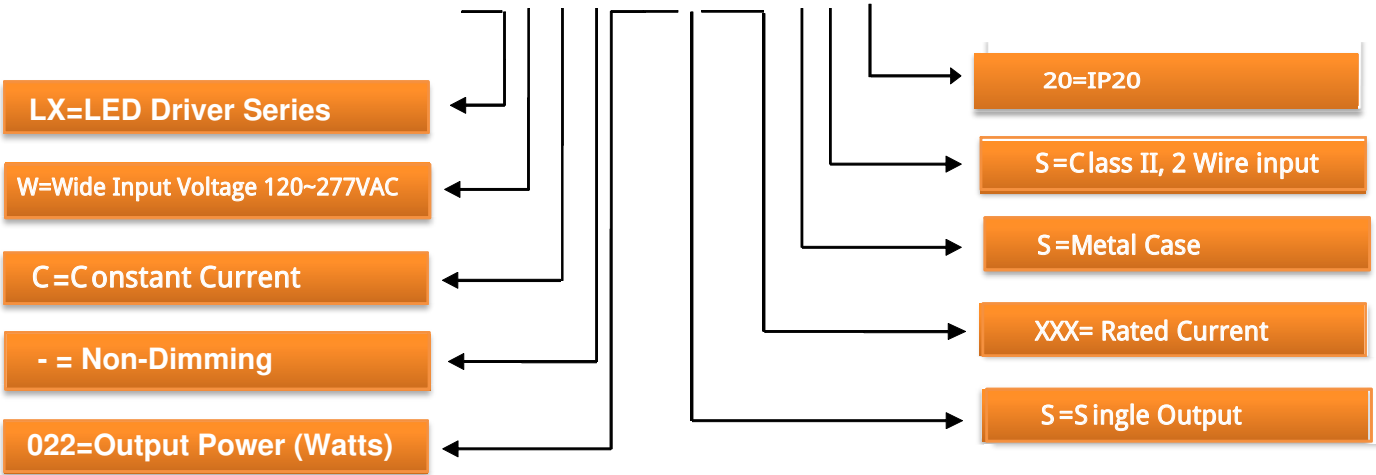


Life Time vs. Case Temperature Curve



PART NUMBER SCHEME

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