

- 0-10V
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- Class 2 & SELV



LUC-018SxxxDSP(SSP)

18W

90 ~ 305 Vac

	1			2	2	
350 mA	90 ~ 305 Vac	26~ 51 Vdc	18W	85%	0.94	LUC-018S035DSP(SSP) ⁽³⁾
500 mA	90 ~ 305 Vac	18~ 36 Vdc	18W	85%	0.94	LUC-018S050DSP(SSP) ⁽⁴⁾
700 mA	90 ~ 305 Vac	13~ 26 Vdc	18W	84%	0.94	LUC-018S070DSP(SSP) ⁽⁴⁾
1050 mA	90 ~ 305 Vac	9 ~ 17 Vdc	18W	82%	0.94	LUC-018S105DSP(SSP) ⁽⁴⁾

- 1 UL, FCC 100-277Vac; UL, FCC 100-240Vac
 2 220Vac 100% 25
 3 Class 2 Class 2
 4 Class 2 &

	90 Vac	-	305 Vac	
	47 Hz	-	63 Hz	
	-	-	0.75 MIU	UL8750; 277Vac/ 60Hz
	-	-	0.70 mA	IEC60598-1; 240Vac/ 60Hz
	-	-	0.28 A	100Vac 100%
	-	-	0.12 A	220Vac 100%

I^2t	-	-	0.18 A ² s	220Vac 25 10%- 10% = 176 μs ;
	0.90	-	-	100~ 277Vac 75% ~ 100% (13.5- 18W)
	-	-	20%	

	-5%Io	-	5%Io	
(pk-pk)	-	30%Io	50%Io	100%
Io = 350 mA	-	-	59.1 V	
Io = 500 mA	-	-	42 V	
Io = 700 mA	-	-	34 V	
Io = 1050 mA	-	-	24 V	
	-	-	10%Io	100%
	-	-	±1%	
	-	-	±3%	
	-	0.4 s	0.75 s	120Vac 100%
	-	0.4 s	0.6 s	220Vac 100%
	-	0.03%/°C	-	= 0°C ~ Tc
12V Vaux	10.5 V	12 V	12.5 V	
12V Vaux	-	-	60 mA	60% ~ 100% " Dim - "
12V Vaux	-	-	5 mA	50% ~ 60% " Dim - "

Cree XLamp XP-G 25°C

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@120Vac:

Io = 350 mA
Io
42 V I

@220Vac: I _o = 350 mA I _o = 500 mA I _o = 700 mA I _o = 1050 mA	84% 84% 83% 81%	85% 85% 84% 82%	- - - -	100% 25°C
@277Vac: I _o = 350 mA I _o = 500 mA I _o = 700 mA I _o = 1050 mA	83% 83% 82% 80%	84% 84% 83% 81%	- - - -	100% 25°C
	-	-	1 W	
	-	235,900 Hours	-	120 Vac 25°C 80% (MIL-HDBK-217F)
	-	113,000 Hours	-	120 Vac 80% 60°C
	-20 °C	-	+90 °C	
	-20 °C	-	+70 °C	: 10% RH to 90% RH
	-20 °C	-	+85 °C	: 5% RH to 90% RH
(L × W × H) (L × W × H)	4.72 × 1.65 × 1.20 120 × 42 × 30.5			
	-	200 g	-	

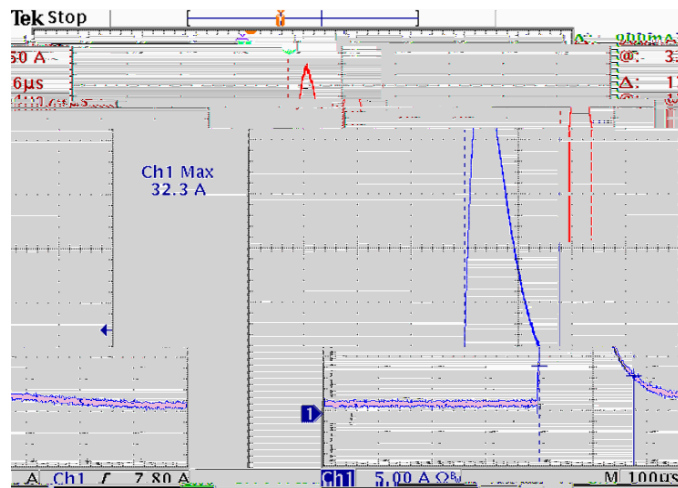
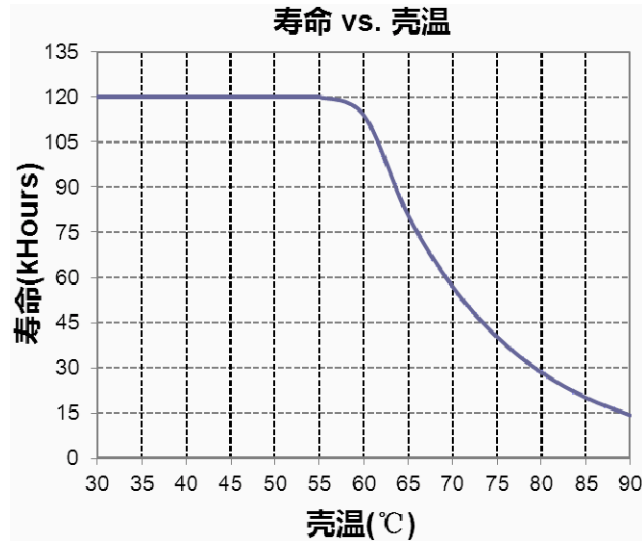
Cree XLamp XP-G 25°C

	-20 V	-	20 V	
	0 μA	200 μA	250 μA	
	10%I _{omax}	-	100%I _{omax}	
	0 V	-	10 V	

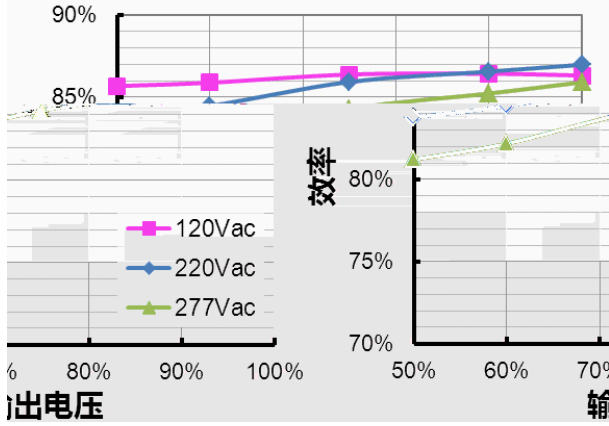
UL/CUL	UL 8750,UL 1310,CAN/CSA-C22.2 No. 250.13-12,CAN/CSA-C22.2 No. 223-M91
CE	EN 61347-1, EN61347-2-13
PSE	J61347-1, J61347-2-13
CB	IEC 61347-1, IEC 61347-2-13
KS	KS C 7655
EMI	
J55015, EN 55015 ⁽¹⁾ /CISPR15	Conducted Emission Test & Radiated Emission Test
EN 61000-3-2	Harmonic Current Emissions Class C
EN 61000-3-3	Voltage Fluctuations & Flicker
FCC Part 15 ⁽¹⁾	ANSI C63.4:2009 Class B
	This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: [1] this device may not cause harmful interference, and [2] this device must accept any interference received, including interference that may cause undesired operation.
EMS	
EN 61000-4-2	Electrostatic Discharge (ESD): 8 kV air discharge, 4 kV contact discharge Level 3, Criteria A
EN 61000-4-3	Radio-Frequency Electromagnetic Field Susceptibility Test-RS Level 3, Criteria A
EN 61000-4-4	Electrical Fast Transient / Burst-EFT
EN 61000-4-5	Surge Immunity Test: AC Power Line: Line to Line 1 kV
EN 61000-4-6	Conducted Radio Frequency Disturbances Test-CS Level 3, Criteria A
EN 61000-4-8	Power Frequency Magnetic Field Test 3A/m , Criteria A
EN 61000-4-11	Voltage Dips Criteria B
EN 61547	Electromagnetic Immunity Requirements Applies to Lighting Equipment

1 EMI

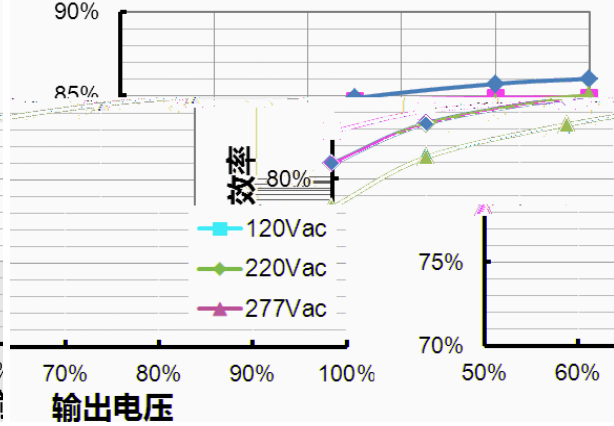
() EMI



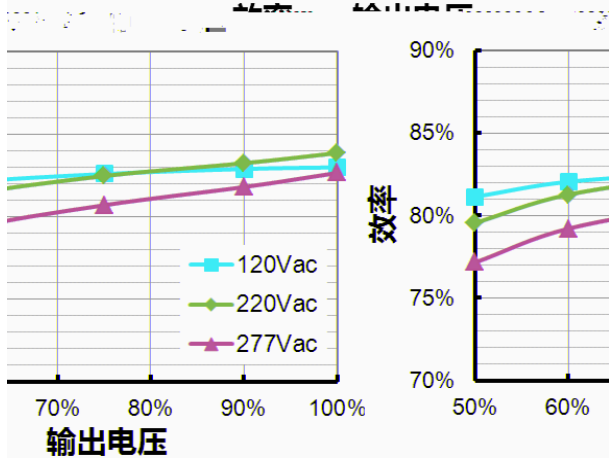
LUC-018S035DSP(SSP)
效率 vs. 输出电压



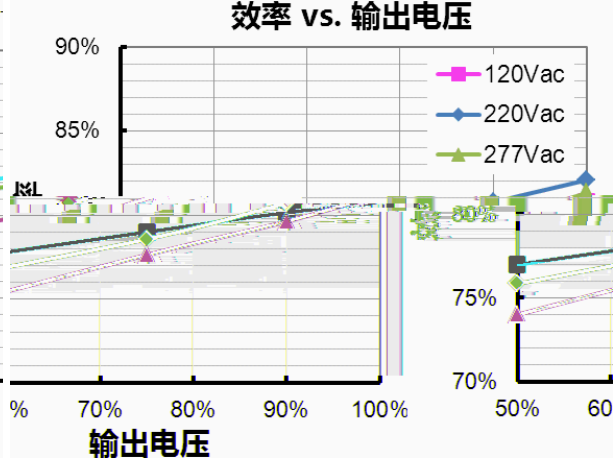
LUC-018S050DSP(SSP)
效率 vs. 输出电压



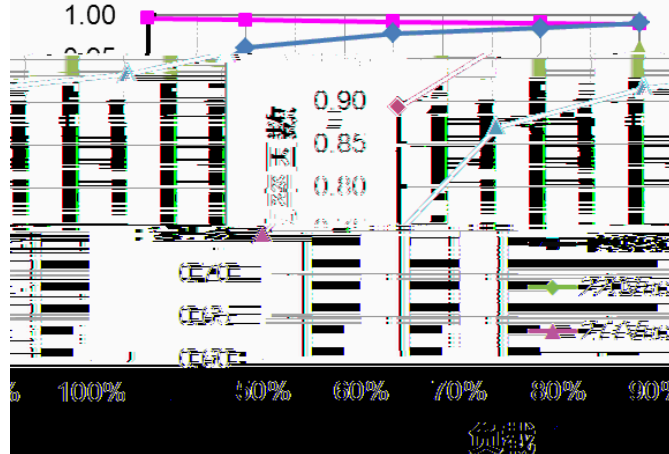
LUC-018S070DSP(SSP)
效率 vs. 输出电压

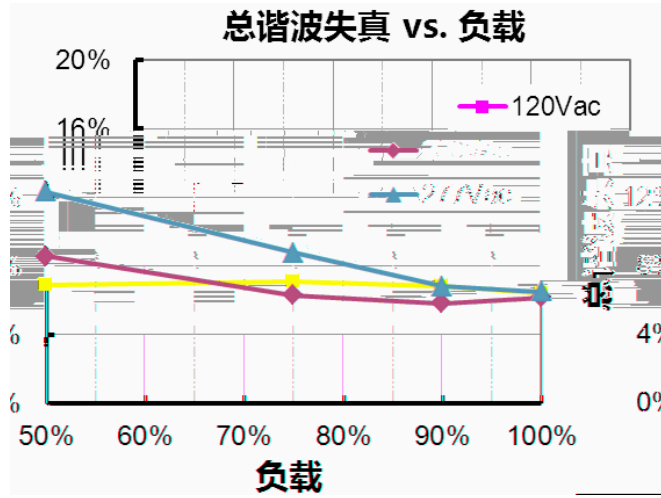


LUC-018S105DSP(SSP)
效率 vs. 输出电压



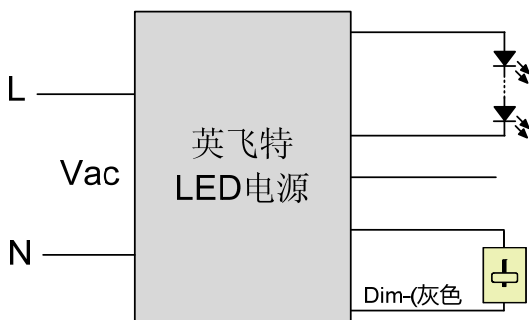
功率因数 vs. 负载



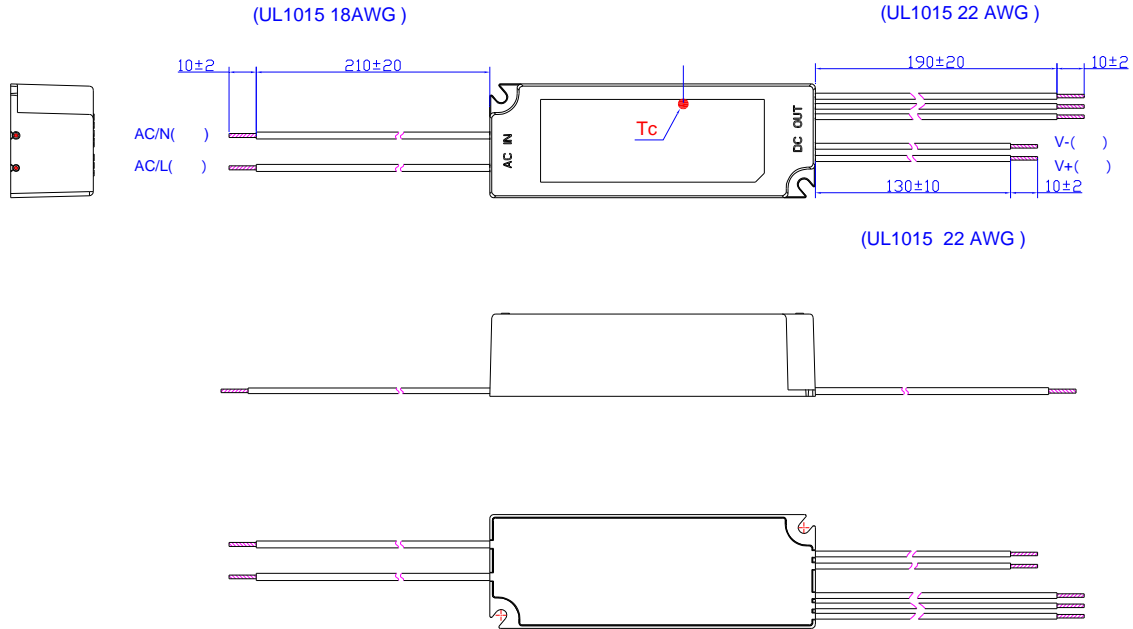


0-10V

0~10V



LUC-018SxxxDSP



RoHs

2011/65/EC

2012-4-1	A			/	/
2012-7-17	B			/	
		12 Vaux		11.5 V	10.5 V
				/	
2012-8-2	C			/	
2012-9-10	D	I ² t		/	
		PF		/	
		THD		/	
				/	
2013-08-22	E			60%	50%
		-12V Vaux		/	
		-		/	
2015-08-11	F	-	-	210 uA	250 uA
		(I ² t)		0.11 A ² s	0.18 A ² s
				/	
				/	
				/	
				/	
				/	

i

W

2017-07-07	G	@ 120Vac	= 1.0 s	= 0.75 s
		@ 220Vac	= 0.8 s	= 0.6 s
			190 g	200 g
		EMI	/	