

	120Vac		347Vac	
	108Vac		380Vac	
	47Hz	50/60Hz	63Hz	
			1.1A	120Vac
			110W	120Vac
(120Vac)			80A	
(277Vac)			140A	
(347Vac)			160A	
			3W	347Vac/60Hz
	0.92	0.95		347Vac/60Hz
	0.90			120-347Vac/60Hz 70-100%
			10%	347Vac/60Hz
			20%	120-347Vac/60Hz 70-100%

SHENZHEN SOSEN ELECTRONICS CO.,LTD 1 10 233 86-755-29358800 86-755-29358816 sosen@sosen.com www.sosen.com

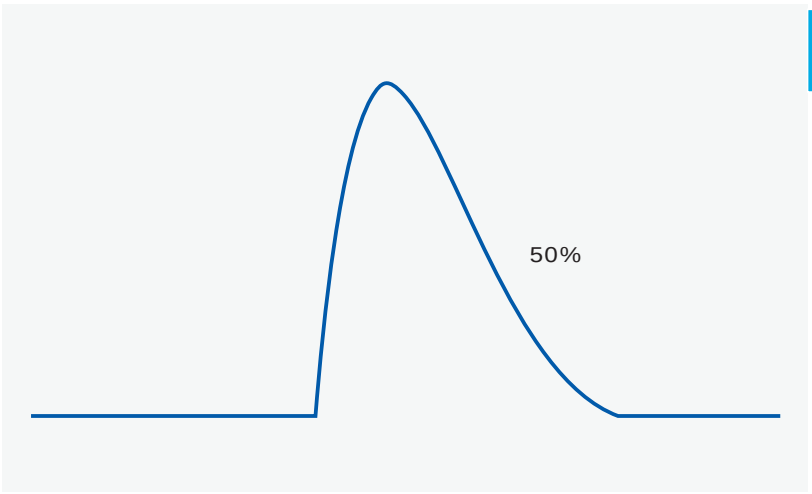
	18V		54V	18-35V
	35V		54V	Po=Vo*Io=96W
	1.77A		2.75A	2.75A 35V,1.77A 54V
AOC	0.35A		2.75A	
			60V	
@120Vac	86.0%	87.5%		54V/1.77A
@277Vac	87.5%	89.5%		54V/1.77A
@347Vac	88.0%	90.0%		54V/1.77A
	-5%		+5%	
PK-AV			10%	
			10%	
			1.0S	120Vac
			0.75S	347Vac
	-2%		+2%	
	-2%		+2%	
	-0.03%/		+0.03%/	0 90
	90	95	100	

SS-100EP-M54BH LED

Tcase	-40	25	+90	
	-40	25	+90	
	10%RH		90%RH	
	5%RH		95%RH	
	-65m		4000m	

EMI/EMS	/	
	FCC Part15: Subpart A ANSI 63.4:2014	
	FCC Part15: Subpart A ANSI 63.4:2014	
	IEC/EN 61000-3-2	

SS-100EP-M54BH LED

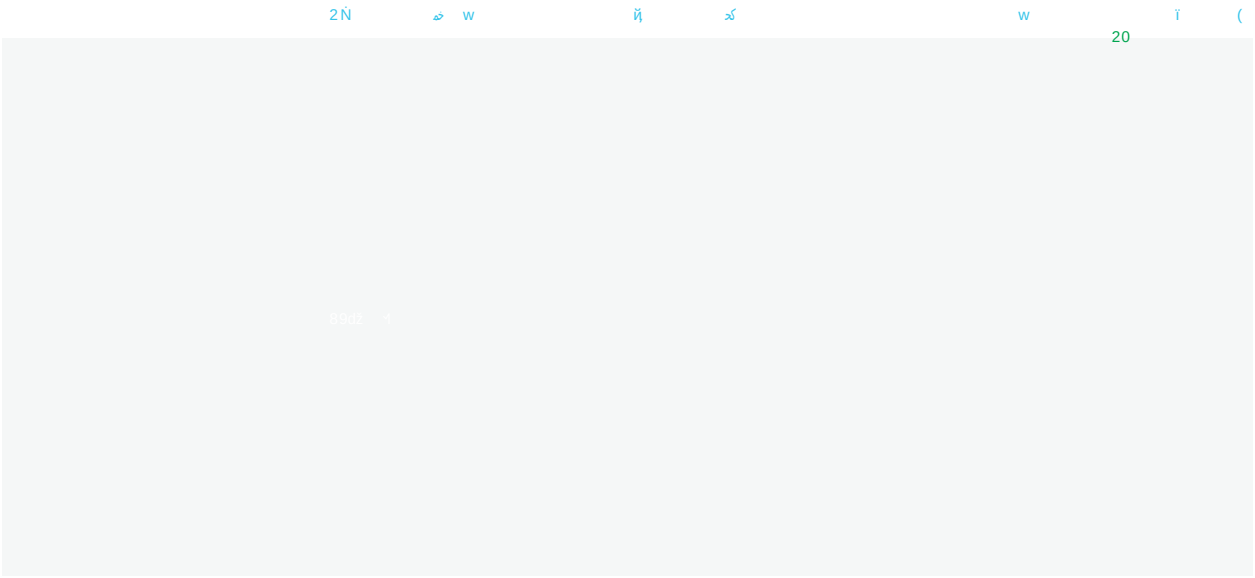


	T(@10%)	T(@50%)

SS-100EP-M54BH LED

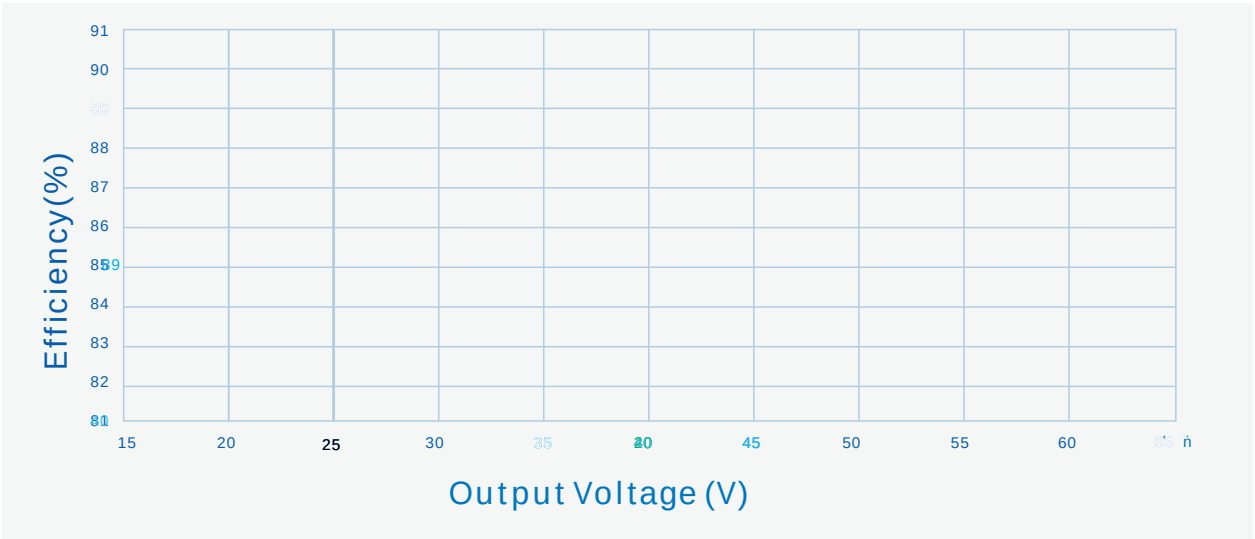
e%

Vs. (/AOC)



Dimming Window AOC Window

Vs. (Vin=120Vac)

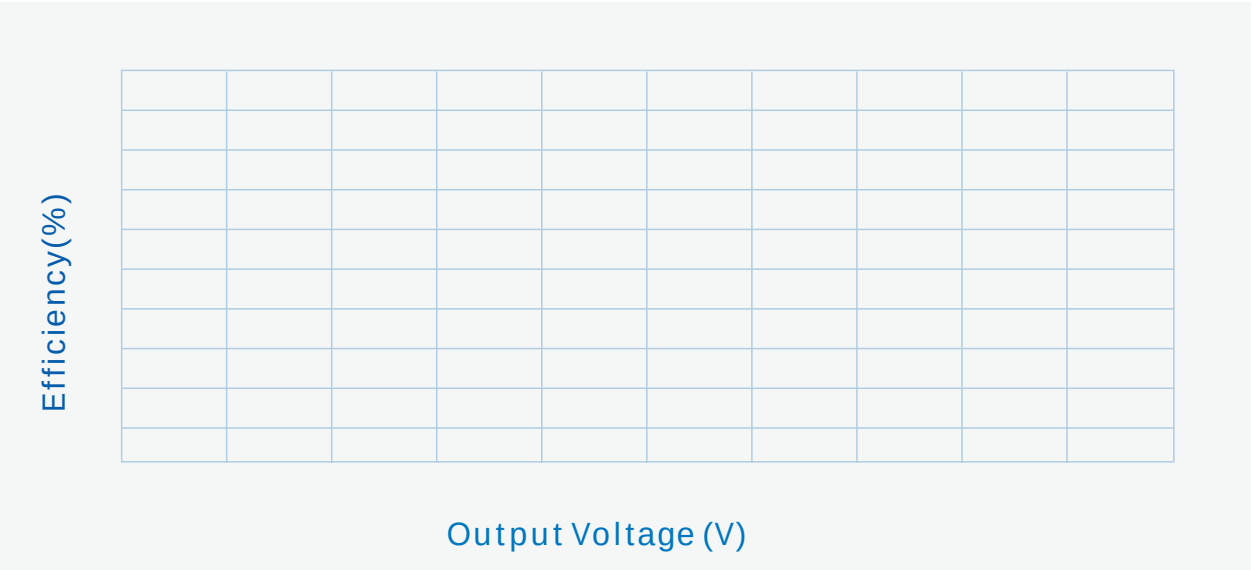


Io=2750mA Io=1770mA

— ''%q <`ByR('…™•2 " %X!R 3 RSEf• `vÅP"#xBV_ ‘ — •˜ C Uc4)…G e5–R #q45 P))Uc4#) ˆ S37 u6€™Æ@

SS-100EP-M54BH LED

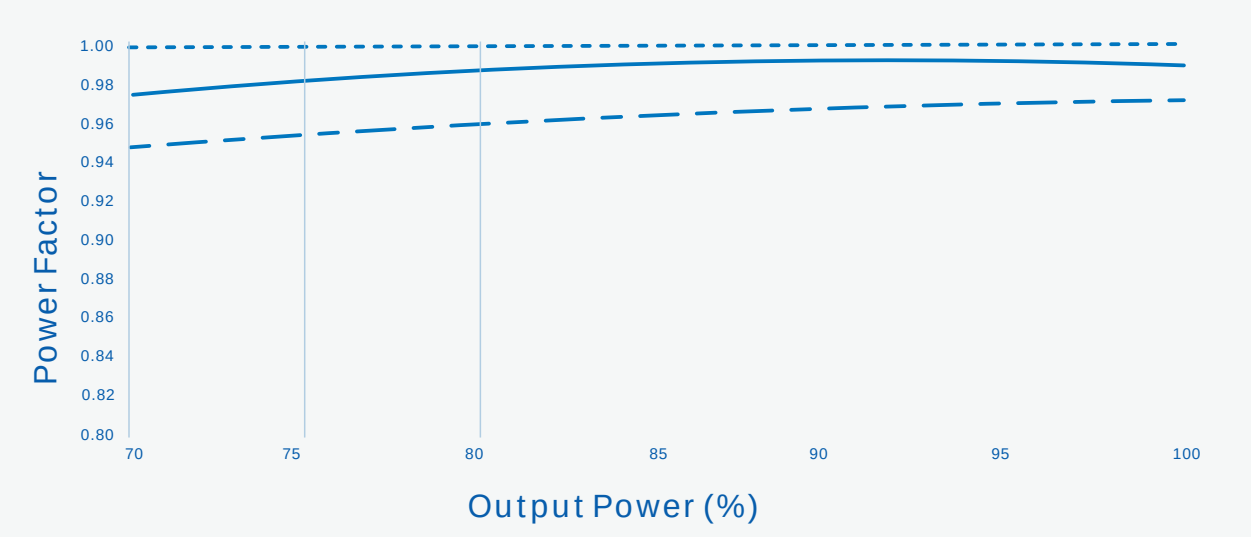
Vs. (Vin=277Vac)



------- Io=2750mA — — — Io=1770mA

Vs. (Vin=347Vac)

Vs.



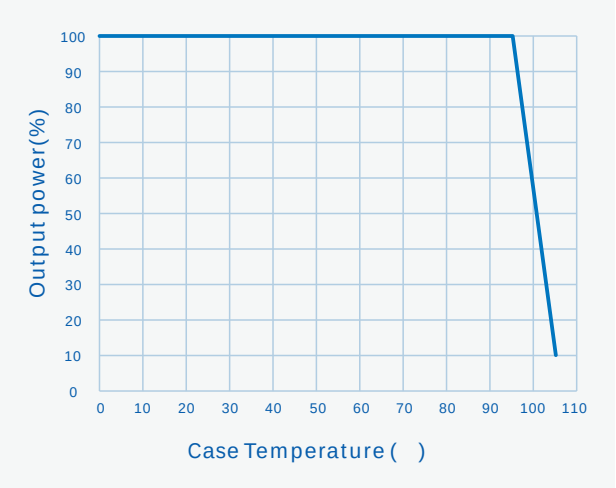
Vin=120Vac Vin=277Vac Vin=347Vac

Vs.

Vin=120Vac Vin=277Vac Vin=347Vac

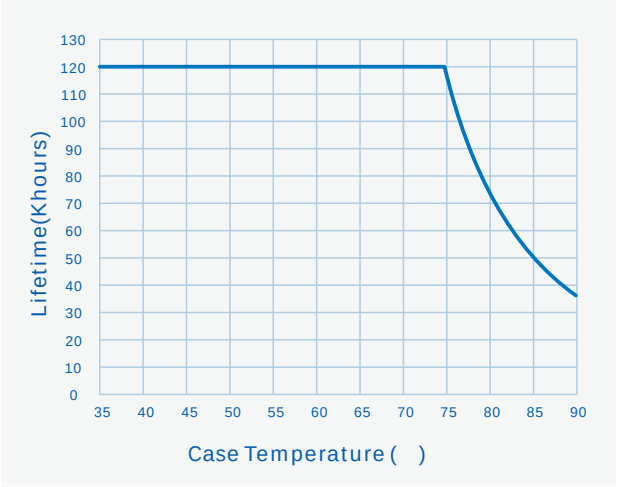
Vs.

Vs.


Output power(%)
100
90
80
70
60
50
40
30
20
10
0
0 10 20 30 40 50 60 70 80 90 100 110
Case Temperature ( )

Vs.

Vs.


Lifetime(Khours)
130
120
110
100
90
80
70
60
50
40
30
20
10
0
35 40 45 50 55 60 65 70 75 80 85 90
Case Temperature ( )

SS-100EP-M54BH LED

1 LED ;
2 AC DC DIM / / :

SS-1 -M54BH LED

- mm × × =495 × 385 × 162;
- 24
- 0.56kg 15kg
-

GB 3873 83

1

SS-100EP-M54BH LED

V00		2024/07/17	