

Lightsource Test Report (1/2)

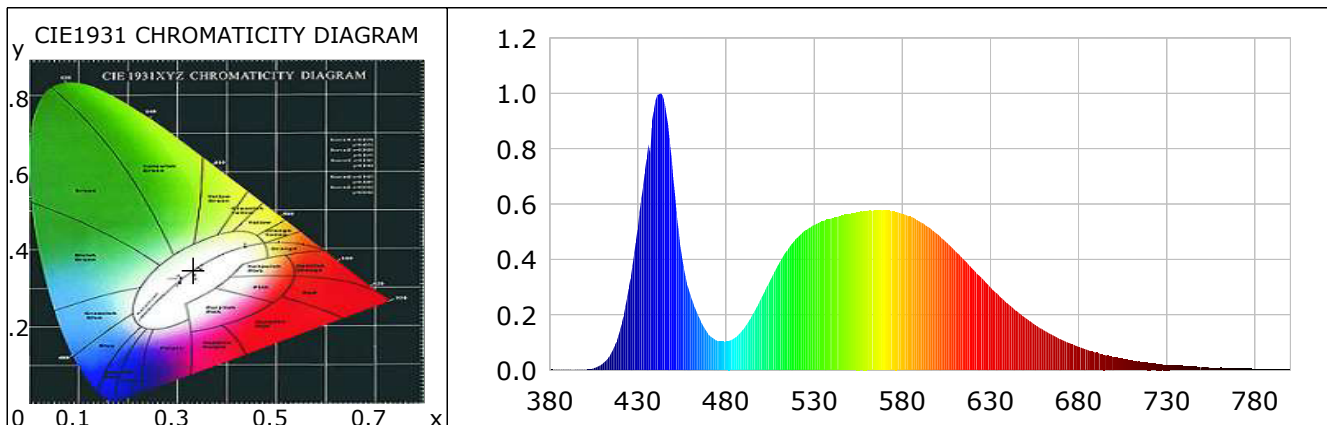
Product Information

Product Type: 48款100W OSRAM P8 弯灯

Product Number: 48

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3320$ $y=0.3478$ $u(u')=0.2040$ $v=0.3206$ $v'=0.4809$
 CCT: $T_c=5522K$ ($duv=0.00362$) Color Ratio: $R=0.132$ $G=0.837$ $B=0.031$
 Peak Wavelength: 442.7nm Half Bandwidth: 23.4nm
 Dominant Wavelength: 549.8nm Color Purity: 0.040
 CRI: $R_a=70.6$ TM30: $R_f=67$, $R_g=96$
 $R1=69$ $R2=74$ $R3=78$ $R4=73$ $R5=71$ $R6=67$ $R7=77$ $R8=57$
 $R9=-35$ $R10=39$ $R11=73$ $R12=49$ $R13=68$ $R14=88$ $R15=62$
 Color Quality Scale: $Q_a=71.8$, $Q_f=70.6$, $Q_p=75.4$, $Q_g=91.0$
 $Q1=77$ $Q2=91$ $Q3=66$ $Q4=65$ $Q5=73$ $Q6=73$ $Q7=77$ $Q8=86$
 $Q9=90$ $Q10=72$ $Q11=68$ $Q12=69$ $Q13=71$ $Q14=57$ $Q15=65$



Photometric Parameters

Luminous Flux: 7062.86 lm
EEI: 0.14

Efficiency: 95.53 lm/W

Radiant Power: 21.410 W

Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 12.79V

Current: 5.7800A

Power: 73.93W

Power Factor: 0.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 20 Sec

Max of Signal: 45203 (3099)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4T

CCD Integration Time: 57.45 ms

Condition: $T_x=29.8^\circ C$, $T_i=29.4^\circ C$, R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2021-04-01 09:21:52

Inspector:

Lightsource Test Report (2/2)

WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)
380	0.0018	0.3541	525	0.5052	101.9401	670	0.1115	22.4988
385	0.0021	0.4321	530	0.5242	105.7690	675	0.0974	19.6465
390	0.0031	0.6313	535	0.5377	108.4929	680	0.0839	16.9301
395	0.0013	0.2639	540	0.5501	110.9859	685	0.0739	14.9126
400	0.0021	0.4232	545	0.5579	112.5603	690	0.0633	12.7781
405	0.0073	1.4803	550	0.5607	113.1382	695	0.0552	11.1283
410	0.0232	4.6893	555	0.5720	115.4019	700	0.0474	9.5613
415	0.0626	12.6390	560	0.5751	116.0275	705	0.0409	8.2434
420	0.1468	29.6236	565	0.5787	116.7586	710	0.0352	7.0987
425	0.3027	61.0763	570	0.5764	116.2883	715	0.0304	6.1360
430	0.5157	104.0422	575	0.5734	115.6914	720	0.0264	5.3269
435	0.7701	155.3853	580	0.5642	113.8388	725	0.0229	4.6109
440	0.9744	196.5931	585	0.5541	111.7924	730	0.0196	3.9465
445	0.9699	195.6993	590	0.5363	108.2038	735	0.0171	3.4538
450	0.6992	141.0739	595	0.5165	104.2135	740	0.0143	2.8768
455	0.4061	81.9268	600	0.4906	98.9792	745	0.0121	2.4412
460	0.2664	53.7577	605	0.4624	93.2909	750	0.0103	2.0702
465	0.1865	37.6280	610	0.4310	86.9560	755	0.0076	1.5425
470	0.1302	26.2641	615	0.3984	80.3800	760	0.0090	1.8105
475	0.1074	21.6627	620	0.3651	73.6646	765	0.0063	1.2645
480	0.1043	21.0498	625	0.3330	67.1836	770	0.0051	1.0363
485	0.1171	23.6357	630	0.2990	60.3354	775	0.0068	1.3697
490	0.1501	30.2920	635	0.2683	54.1331	780	0.0047	0.9471
495	0.2006	40.4733	640	0.2400	48.4228	785	0.0030	0.5983
500	0.2612	52.7061	645	0.2129	42.9617	790	0.0034	0.6931
505	0.3237	65.3121	650	0.1877	37.8647	795	0.0028	0.5553
510	0.3852	77.7258	655	0.1652	33.3253	800	0.0033	0.6683
515	0.4358	87.9189	660	0.1455	29.3560			
520	0.4764	96.1173	665	0.1278	25.7944			

Condition: Tx:29.8'C, Ti:29.4'C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2021-04-01 09:21:52
Inspector: