

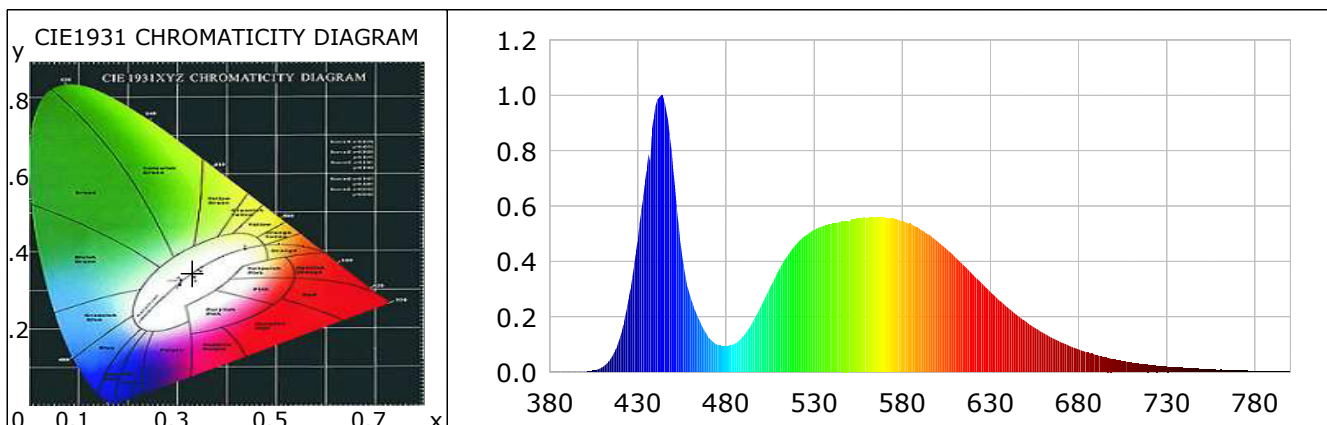
Lightsource Test Report (1/2)

Product Infomation

Product Type: 49款 50inch 500W OSRAM P8 Product Number: 66

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3304$ $y=0.3454$ $u(u')=0.2039$ $v=0.3196$ $v'=0.4794$
 CCT: $T_c=5588K$ ($duv=0.00309$) Color Ratio: $R=0.131$ $G=0.838$ $B=0.031$
 Peak Wavelength: 443.4nm Half Bandwidth: 23.2nm
 Dominant Wavelength: 540.6nm Color Purity: 0.029
 CRI: $R_a=70.5$ TM30: $R_f=67$, $R_g=96$
 $R_1=69$ $R_2=73$ $R_3=77$ $R_4=72$ $R_5=71$ $R_6=66$ $R_7=77$ $R_8=58$
 $R_9=-34$ $R_{10}=38$ $R_{11}=73$ $R_{12}=47$ $R_{13}=68$ $R_{14}=87$ $R_{15}=62$
 Color Quality Scale: $Q_a=71.4$, $Q_f=70.1$, $Q_p=75.4$, $Q_g=91.2$
 $Q_1=77$ $Q_2=91$ $Q_3=65$ $Q_4=63$ $Q_5=72$ $Q_6=73$ $Q_7=76$ $Q_8=86$
 $Q_9=90$ $Q_{10}=71$ $Q_{11}=67$ $Q_{12}=69$ $Q_{13}=71$ $Q_{14}=57$ $Q_{15}=66$



Photometric Parameters

Luminous Flux: 23350.62 lm Efficiency: 75.86 lm/W Radiant Power: 70.916 W
 EEI: 0.18 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 12.81V Current: 24.0300A Power: 307.82W
 Power Factor: 0.0000 Frequency: 0.00Hz

Test Infomation

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 20 Sec Photometric Condition: Sphere diameter: 1.50m, 4T
 Max of Signal: 51357 (3308) CCD Integration Time: 18.96 ms

Lightsource Test Report (2/2)

WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)
380	0.0022	1.5301	525	0.4936	339.9562	670	0.1086	74.7663
385	0.0023	1.5702	530	0.5138	353.8513	675	0.0947	65.2568
390	0.0022	1.5143	535	0.5273	363.2164	680	0.0829	57.0689
395	0.0014	0.9616	540	0.5371	369.9232	685	0.0716	49.3446
400	0.0023	1.5605	545	0.5434	374.3060	690	0.0624	42.9665
405	0.0063	4.3314	550	0.5438	374.5585	695	0.0537	36.9929
410	0.0190	13.1004	555	0.5551	382.3248	700	0.0462	31.8537
415	0.0528	36.3974	560	0.5571	383.7417	705	0.0401	27.6491
420	0.1278	87.9961	565	0.5609	386.2993	710	0.0346	23.8231
425	0.2740	188.7142	570	0.5580	384.3580	715	0.0298	20.5137
430	0.4818	331.8538	575	0.5551	382.3382	720	0.0259	17.8598
435	0.7383	508.4932	580	0.5442	374.8254	725	0.0229	15.7821
440	0.9609	661.8018	585	0.5354	368.7680	730	0.0198	13.6118
445	0.9801	675.0497	590	0.5162	355.5156	735	0.0166	11.4317
450	0.7353	506.4510	595	0.4977	342.7998	740	0.0148	10.2180
455	0.4221	290.7322	600	0.4718	324.9542	745	0.0122	8.3989
460	0.2669	183.8119	605	0.4453	306.7283	750	0.0102	7.0358
465	0.1860	128.1160	610	0.4156	286.2226	755	0.0093	6.4032
470	0.1262	86.9088	615	0.3846	264.9049	760	0.0084	5.7513
475	0.0996	68.6202	620	0.3522	242.5950	765	0.0071	4.8584
480	0.0935	64.3905	625	0.3212	221.2487	770	0.0060	4.1208
485	0.1035	71.2701	630	0.2899	199.6698	775	0.0057	3.9041
490	0.1318	90.7833	635	0.2590	178.3991	780	0.0048	3.2886
495	0.1803	124.1651	640	0.2329	160.4019	785	0.0038	2.6148
500	0.2408	165.8269	645	0.2062	142.0509	790	0.0039	2.6785
505	0.3054	210.3448	650	0.1827	125.8157	795	0.0029	2.0248
510	0.3689	254.1072	655	0.1604	110.4836	800	0.0040	2.7408
515	0.4230	291.3298	660	0.1413	97.2964			
520	0.4635	319.2629	665	0.1244	85.7054			

Condition: Tx:32.5'C, Ti:32.3'C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2021-04-02 15:08:19
 Inspector: