

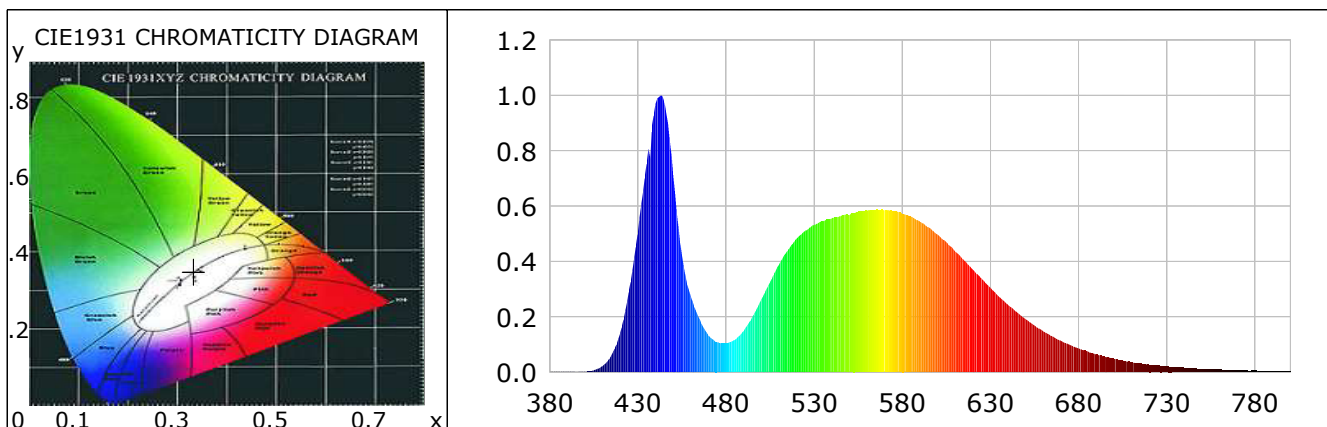
Lightsource Test Report (1/2)

Product Infomation

Product Type: 48款 50inch 250W OSRAM P8 Product Number: 52

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3327$ $y=0.3490$ $u(u')=0.2040$ $v=0.3210$ $v'=0.4816$
 CCT: $T_c=5492K$ ($duv=0.00390$) Color Ratio: $R=0.132$ $G=0.837$ $B=0.031$
 Peak Wavelength: 443.0nm Half Bandwidth: 23.5nm
 Dominant Wavelength: 552.7nm Color Purity: 0.046
 CRI: $R_a=70.6$ TM30: $R_f=69$, $R_g=95$
 $R1=69$ $R2=74$ $R3=78$ $R4=73$ $R5=71$ $R6=67$ $R7=77$ $R8=57$
 $R9=-36$ $R10=39$ $R11=73$ $R12=49$ $R13=68$ $R14=88$ $R15=62$
 Color Quality Scale: $Q_a=71.8$, $Q_f=70.7$, $Q_p=75.2$, $Q_g=90.9$
 $Q1=77$ $Q2=92$ $Q3=66$ $Q4=65$ $Q5=73$ $Q6=73$ $Q7=76$ $Q8=86$
 $Q9=90$ $Q10=72$ $Q11=68$ $Q12=69$ $Q13=71$ $Q14=57$ $Q15=65$



Photometric Parameters

Luminous Flux: 15037.01 lm Efficiency: 76.53 lm/W Radiant Power: 45.459 W
 EEI: 0.18 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 12.80V Current: 15.3500A Power: 196.48W
 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: 45124 (3183) CCD Integration Time: 27.21 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	0.0020	0.8423	525	0.5114	216.7633	670	0.1137	48.1986
385	0.0021	0.8970	530	0.5319	225.4638	675	0.0993	42.1028
390	0.0024	1.0168	535	0.5452	231.0700	680	0.0862	36.5429
395	0.0011	0.4457	540	0.5566	235.9089	685	0.0752	31.8728
400	0.0017	0.7260	545	0.5646	239.3061	690	0.0645	27.3259
405	0.0071	3.0150	550	0.5670	240.3177	695	0.0560	23.7356
410	0.0226	9.5801	555	0.5801	245.8885	700	0.0486	20.5847
415	0.0607	25.7408	560	0.5836	247.3463	705	0.0419	17.7454
420	0.1424	60.3753	565	0.5865	248.5709	710	0.0363	15.3729
425	0.2964	125.6356	570	0.5845	247.7490	715	0.0316	13.4095
430	0.5060	214.4752	575	0.5819	246.6565	720	0.0269	11.3969
435	0.7609	322.5100	580	0.5732	242.9575	725	0.0233	9.8912
440	0.9690	410.7203	585	0.5622	238.2965	730	0.0205	8.6841
445	0.9751	413.3102	590	0.5440	230.5796	735	0.0171	7.2586
450	0.7144	302.7920	595	0.5229	221.6358	740	0.0156	6.6074
455	0.4189	177.5664	600	0.4966	210.4702	745	0.0130	5.5064
460	0.2730	115.7179	605	0.4701	199.2727	750	0.0111	4.7210
465	0.1909	80.9296	610	0.4369	185.1899	755	0.0101	4.2919
470	0.1330	56.3880	615	0.4037	171.1220	760	0.0082	3.4607
475	0.1087	46.0897	620	0.3705	157.0254	765	0.0072	3.0313
480	0.1051	44.5340	625	0.3374	143.0182	770	0.0060	2.5520
485	0.1179	49.9636	630	0.3043	128.9694	775	0.0064	2.7186
490	0.1508	63.9085	635	0.2718	115.1826	780	0.0049	2.0972
495	0.2011	85.2512	640	0.2432	103.0986	785	0.0036	1.5089
500	0.2633	111.5997	645	0.2166	91.8239	790	0.0041	1.7243
505	0.3268	138.4966	650	0.1911	81.0174	795	0.0038	1.6149
510	0.3889	164.8535	655	0.1682	71.3017	800	0.0031	1.3163
515	0.4409	186.8811	660	0.1476	62.5739			
520	0.4830	204.6989	665	0.1300	55.0835			

Condition: Tx:31.1'C, Ti:31.0'C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2021-04-02 10:50:07
 Inspector: