

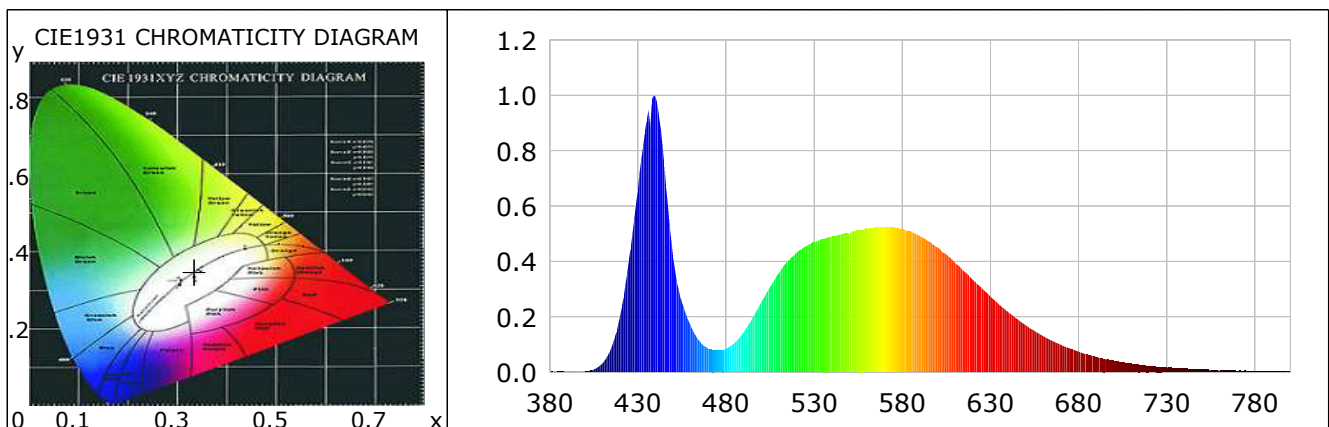
Lightsource Test Report (1/2)

Product Infomation

Product Type: 48款 C 30inch OSRAM P8 Product Number: 60

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3341$ $y=0.3484$ $u(u')=0.2052$ $v=0.3210$ $v'=0.4815$
 CCT: $T_c=5432K$ ($duv=0.00296$) Color Ratio: $R=0.133$ $G=0.837$ $B=0.030$
 Peak Wavelength: 439.1nm Half Bandwidth: 21.4nm
 Dominant Wavelength: 556.9nm Color Purity: 0.048
 CRI: $R_a=69.8$ TM30: $R_f=67$, $R_g=96$
 $R_1=69$ $R_2=72$ $R_3=77$ $R_4=72$ $R_5=71$ $R_6=67$ $R_7=75$ $R_8=56$
 $R_9=-37$ $R_{10}=37$ $R_{11}=74$ $R_{12}=50$ $R_{13}=68$ $R_{14}=87$ $R_{15}=60$
 Color Quality Scale: $Q_a=71.7$, $Q_f=70.2$, $Q_p=75.8$, $Q_g=91.7$
 $Q_1=75$ $Q_2=90$ $Q_3=68$ $Q_4=68$ $Q_5=74$ $Q_6=73$ $Q_7=76$ $Q_8=87$
 $Q_9=90$ $Q_{10}=71$ $Q_{11}=68$ $Q_{12}=68$ $Q_{13}=71$ $Q_{14}=56$ $Q_{15}=64$



Photometric Parameters

Luminous Flux: 9871.02 lm Efficiency: 86.43 lm/W Radiant Power: 30.182 W
 EEI: 0.16 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 12.79V Current: 8.9300A Power: 114.21W
 Power Factor: 1.0000 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: 44492 (3631) CCD Integration Time: 37.88 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	0.6980	525	0.4536	141.2899	670	0.0989	30.8115
385	0.0026	0.8147	530	0.4694	146.2115	675	0.0856	26.6687
390	0.0033	1.0215	535	0.4811	149.8599	680	0.0742	23.1261
395	0.0016	0.4945	540	0.4906	152.8381	685	0.0644	20.0728
400	0.0027	0.8261	545	0.4974	154.9439	690	0.0552	17.1851
405	0.0103	3.2073	550	0.5005	155.9148	695	0.0475	14.8122
410	0.0331	10.3117	555	0.5132	159.8802	700	0.0409	12.7467
415	0.0888	27.6782	560	0.5180	161.3722	705	0.0353	11.0067
420	0.2053	63.9423	565	0.5231	162.9611	710	0.0304	9.4789
425	0.4090	127.4001	570	0.5238	163.1663	715	0.0262	8.1549
430	0.6582	205.0515	575	0.5236	163.1251	720	0.0220	6.8486
435	0.9122	284.1772	580	0.5156	160.6324	725	0.0189	5.8859
440	0.9936	309.5298	585	0.5078	158.1991	730	0.0176	5.4851
445	0.7425	231.3002	590	0.4913	153.0439	735	0.0144	4.4989
450	0.4131	128.6973	595	0.4725	147.1827	740	0.0124	3.8561
455	0.2519	78.4591	600	0.4509	140.4491	745	0.0105	3.2680
460	0.1665	51.8621	605	0.4245	132.2510	750	0.0091	2.8349
465	0.1117	34.8087	610	0.3953	123.1560	755	0.0069	2.1552
470	0.0851	26.5059	615	0.3644	113.5046	760	0.0073	2.2744
475	0.0789	24.5821	620	0.3340	104.0351	765	0.0053	1.6418
480	0.0847	26.3770	625	0.3044	94.8296	770	0.0042	1.2946
485	0.1074	33.4693	630	0.2732	85.1098	775	0.0048	1.4807
490	0.1461	45.5034	635	0.2439	75.9700	780	0.0046	1.4199
495	0.1962	61.1085	640	0.2179	67.8721	785	0.0037	1.1484
500	0.2537	79.0354	645	0.1923	59.9001	790	0.0035	1.0909
505	0.3085	96.1058	650	0.1695	52.8159	795	0.0036	1.1191
510	0.3595	112.0024	655	0.1487	46.3223	800	0.0046	1.4310
515	0.4007	124.8267	660	0.1295	40.3415			
520	0.4320	134.5642	665	0.1144	35.6341			

Condition: Tx:35.2°C, Ti:33.9°C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2021-06-11 10:53:32
 Inspector: