

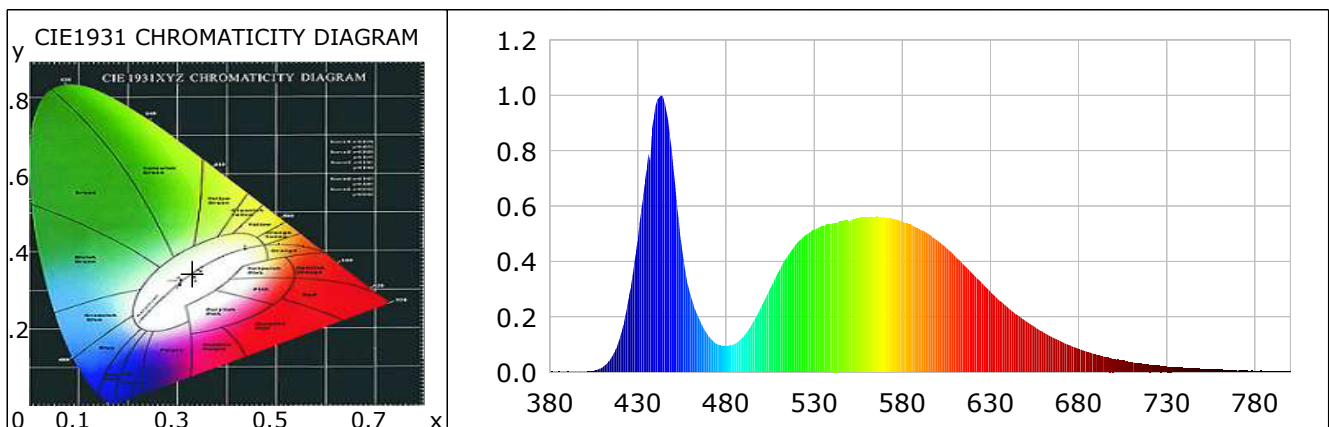
Lightsource Test Report (1/2)

Product Infomation

Product Type: 49款 C 30inch OSRAM P8 Product Number: 57

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3302$ $y=0.3443$ $u(u')=0.2041$ $v=0.3192$ $v'=0.4788$
 CCT: $T_c=5598K$ ($duv=0.00263$) Color Ratio: $R=0.132$ $G=0.837$ $B=0.031$
 Peak Wavelength: 443.2nm Half Bandwidth: 23.6nm
 Dominant Wavelength: 537.6nm Color Purity: 0.025
 CRI: $R_a=70.6$ TM30: $R_f=67$, $R_g=97$
 $R_1=69$ $R_2=73$ $R_3=77$ $R_4=73$ $R_5=71$ $R_6=66$ $R_7=77$ $R_8=58$
 $R_9=-32$ $R_{10}=38$ $R_{11}=73$ $R_{12}=47$ $R_{13}=69$ $R_{14}=87$ $R_{15}=63$
 Color Quality Scale: $Q_a=71.4$, $Q_f=70.0$, $Q_p=75.5$, $Q_g=91.5$
 $Q_1=77$ $Q_2=91$ $Q_3=64$ $Q_4=63$ $Q_5=72$ $Q_6=73$ $Q_7=76$ $Q_8=87$
 $Q_9=89$ $Q_{10}=71$ $Q_{11}=67$ $Q_{12}=68$ $Q_{13}=71$ $Q_{14}=58$ $Q_{15}=66$



Photometric Parameters

Luminous Flux: 15511.31 lm Efficiency: 85.10 lm/W Radiant Power: 47.263 W
 EEI: 0.16 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 12.80V Current: 14.2400A Power: 182.27W
 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: 44763 (3598) CCD Integration Time: 24.94 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	1.0224	525	0.4949	226.1761	670	0.1114	50.9110
385	0.0026	1.1709	530	0.5139	234.8649	675	0.0974	44.5039
390	0.0032	1.4768	535	0.5272	240.9425	680	0.0843	38.5337
395	0.0019	0.8538	540	0.5372	245.5206	685	0.0738	33.7303
400	0.0018	0.8308	545	0.5442	248.7022	690	0.0644	29.4118
405	0.0054	2.4696	550	0.5450	249.0724	695	0.0551	25.1811
410	0.0183	8.3510	555	0.5565	254.3194	700	0.0479	21.8728
415	0.0524	23.9656	560	0.5596	255.7300	705	0.0417	19.0713
420	0.1277	58.3817	565	0.5621	256.8878	710	0.0357	16.3333
425	0.2754	125.8656	570	0.5589	255.4145	715	0.0313	14.3080
430	0.4823	220.4248	575	0.5523	252.4282	720	0.0267	12.2250
435	0.7405	338.4174	580	0.5440	248.6183	725	0.0232	10.6097
440	0.9608	439.0820	585	0.5332	243.7024	730	0.0197	9.0126
445	0.9792	447.5363	590	0.5154	235.5696	735	0.0172	7.8431
450	0.7460	340.9455	595	0.4986	227.8542	740	0.0150	6.8335
455	0.4437	202.7759	600	0.4751	217.1380	745	0.0134	6.1281
460	0.2743	125.3812	605	0.4484	204.9247	750	0.0110	5.0244
465	0.1896	86.6375	610	0.4187	191.3762	755	0.0095	4.3437
470	0.1307	59.7446	615	0.3869	176.8105	760	0.0086	3.9232
475	0.1019	46.5618	620	0.3544	161.9774	765	0.0072	3.2723
480	0.0934	42.6648	625	0.3224	147.3446	770	0.0055	2.5098
485	0.1027	46.9308	630	0.2902	132.6088	775	0.0054	2.4752
490	0.1307	59.7401	635	0.2595	118.6123	780	0.0044	1.9880
495	0.1773	81.0352	640	0.2335	106.7090	785	0.0044	2.0220
500	0.2376	108.6056	645	0.2078	94.9474	790	0.0045	2.0380
505	0.3019	137.9831	650	0.1845	84.3330	795	0.0045	2.0621
510	0.3661	167.3048	655	0.1638	74.8602	800	0.0043	1.9747
515	0.4209	192.3402	660	0.1441	65.8453			
520	0.4653	212.6639	665	0.1270	58.0298			

Condition: Tx:35.0°C, Ti:33.9°C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2021-06-11 10:06:05
 Inspector: