

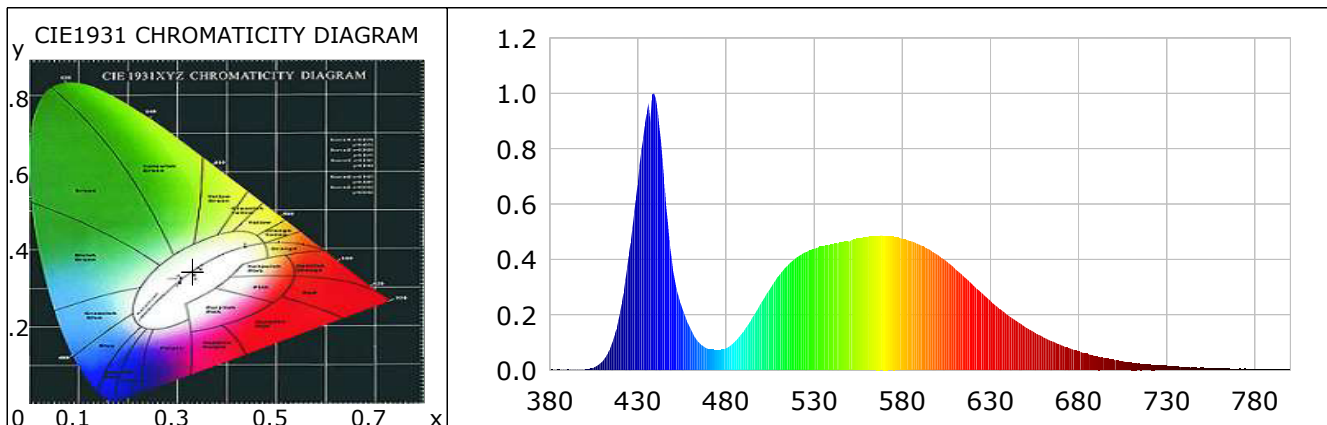
Lightsource Test Report (1/2)

Product Infomation

Product Type: 49款 30inch OSRAM P8 Product Number: 56

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3307$ $y=0.3440$ $u(u')=0.2045$ $v=0.3192$ $v'=0.4788$
 CCT: $T_c=5578K$ ($duv=0.00230$) Color Ratio: $R=0.132$ $G=0.838$ $B=0.030$
 Peak Wavelength: 438.7nm Half Bandwidth: 20.7nm
 Dominant Wavelength: 540.2nm Color Purity: 0.026
 CRI: $R_a=70.0$ TM30: $R_f=65$, $R_g=98$
 $R_1=69$ $R_2=72$ $R_3=77$ $R_4=72$ $R_5=72$ $R_6=67$ $R_7=75$ $R_8=57$
 $R_9=-35$ $R_{10}=37$ $R_{11}=75$ $R_{12}=51$ $R_{13}=68$ $R_{14}=87$ $R_{15}=61$
 Color Quality Scale: $Q_a=71.9$, $Q_f=70.2$, $Q_p=76.5$, $Q_g=92.2$
 $Q_1=76$ $Q_2=90$ $Q_3=68$ $Q_4=68$ $Q_5=74$ $Q_6=73$ $Q_7=77$ $Q_8=88$
 $Q_9=90$ $Q_{10}=71$ $Q_{11}=68$ $Q_{12}=68$ $Q_{13}=71$ $Q_{14}=57$ $Q_{15}=64$



Photometric Parameters

Luminous Flux: 15724.55 lm Efficiency: 85.55 lm/W Radiant Power: 48.642 W
 EEI: 0.16 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 12.80V Current: 14.3600A Power: 183.80W
 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, 4π
 Max of Signal: 44777 (3593) CCD Integration Time: 22.07 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	1.1855	525	0.4263	227.5937	670	0.0911	48.6237
385	0.0026	1.3753	530	0.4387	234.2244	675	0.0788	42.0520
390	0.0031	1.6605	535	0.4479	239.1411	680	0.0681	36.3526
395	0.0018	0.9470	540	0.4552	243.0458	685	0.0592	31.6022
400	0.0025	1.3222	545	0.4621	246.7372	690	0.0505	26.9814
405	0.0094	5.0060	550	0.4644	247.9673	695	0.0434	23.1982
410	0.0334	17.8285	555	0.4765	254.4210	700	0.0373	19.8989
415	0.0906	48.3739	560	0.4805	256.5391	705	0.0325	17.3301
420	0.2104	112.3651	565	0.4851	258.9909	710	0.0274	14.6504
425	0.4222	225.4162	570	0.4851	259.0010	715	0.0236	12.5849
430	0.6781	362.0475	575	0.4827	257.7335	720	0.0204	10.9145
435	0.9329	498.1299	580	0.4745	253.3499	725	0.0175	9.3295
440	0.9841	525.4471	585	0.4669	249.3086	730	0.0153	8.1830
445	0.6733	359.5023	590	0.4523	241.4967	735	0.0123	6.5736
450	0.3591	191.7615	595	0.4374	233.5429	740	0.0114	6.0754
455	0.2256	120.4395	600	0.4170	222.6269	745	0.0090	4.8237
460	0.1473	78.6389	605	0.3934	210.0430	750	0.0086	4.5918
465	0.0976	52.1270	610	0.3658	195.2913	755	0.0069	3.6958
470	0.0770	41.1305	615	0.3368	179.8172	760	0.0065	3.4685
475	0.0719	38.3676	620	0.3075	164.1700	765	0.0052	2.7903
480	0.0793	42.3164	625	0.2787	148.8070	770	0.0041	2.2039
485	0.1030	54.9788	630	0.2497	133.3375	775	0.0048	2.5726
490	0.1412	75.4073	635	0.2226	118.8783	780	0.0040	2.1105
495	0.1908	101.8940	640	0.1988	106.1260	785	0.0037	1.9864
500	0.2441	130.3416	645	0.1759	93.9125	790	0.0041	2.1670
505	0.2947	157.3343	650	0.1546	82.5668	795	0.0030	1.6162
510	0.3425	182.8804	655	0.1361	72.6470	800	0.0037	1.9855
515	0.3798	202.7776	660	0.1189	63.4618			
520	0.4076	217.6312	665	0.1048	55.9498			

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 10:01:40
 Inspector: