杭州创惠仪器有限公司
www.inventfine.com.cn
Tel: 86-571-88091262
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Lightsource Test Report (1/2)

Product Infomation

Product Type: 49款 12inch 100W OSRAM P8 Product Number: 63

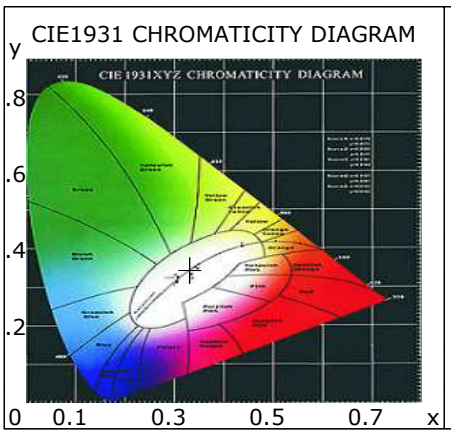
CIE Colorimetric Parameters

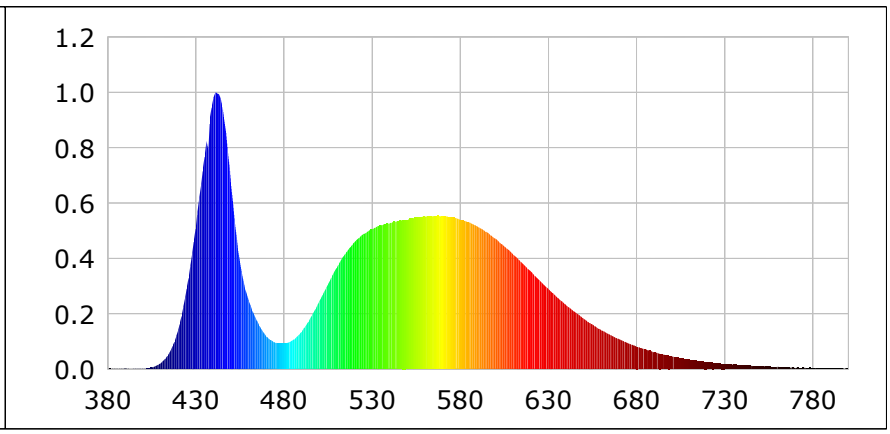
Chromaticity coordinates: x=0.3313 y=0.3457 u(u')=0.2043 v=0.3198 v'=0.4797
CCT: Tc=5552K (duv=0.00288) Color Ratio: R=0.132 G=0.837 B=0.031
Peak Wavelength: 441.4nm Half Bandwidth: 22.9nm
Dominant Wavelength: 545.8nm Color Purity: 0.032
CRI: Ra= 70.6 TM30: Rf= 67, Rg= 97

R1 =69	R2 =73	R3 =77	R4 =73	R5 =71	R6 =66	R7 =77	R8 =58
R9 =-33	R10=38	R11=74	R12=48	R13=69	R14=87	R15=62	

Color Quality Scale: Qa= 71.6, Qf= 70.3, Qp= 75.7, Qg= 91.5

Q1 =77	Q2 =91	Q3 =65	Q4 =64	Q5 =73	Q6 =73	Q7 =76	Q8 =87
Q9 =90	Q10=71	Q11=68	Q12=69	Q13=71	Q14=57	Q15=66	





Photometric Parameters

Luminous Flux: 5765.72 lm Efficiency: 105.81 lm/W Radiant Power: 17.559 W
EEI: 0.13 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 12.79V Current: 4.2600A Power: 54.49W
Power Factor: 0.0000 Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 20 Sec
Max of Signal: 45012 (3392)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4∏
CCD Integration Time: 67.95 ms

Condition: Tx:32.5'C, Ti:31.0'C, R.H.:60%
Test Lab:
Operator:
Test Device: Inventfine CMS-2S (Plus)
Test Time: 2021-04-02 14:47:47
Inspector:

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Lightsource Test Report (2/2)

WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)
380	0.0016	0.2735	525	0.4880	83.7723	670	0.1091	18.7317
385	0.0020	0.3452	530	0.5060	86.8479	675	0.0943	16.1783
390	0.0039	0.6703	535	0.5192	89.1130	680	0.0812	13.9408
395	0.0012	0.2039	540	0.5282	90.6704	685	0.0719	12.3393
400	0.0019	0.3341	545	0.5357	91.9473	690	0.0610	10.4716
405	0.0066	1.1293	550	0.5381	92.3571	695	0.0535	9.1769
410	0.0219	3.7637	555	0.5477	94.0132	700	0.0467	8.0232
415	0.0595	10.2134	560	0.5504	94.4762	705	0.0400	6.8736
420	0.1430	24.5433	565	0.5542	95.1233	710	0.0344	5.9084
425	0.2994	51.3840	570	0.5518	94.7209	715	0.0296	5.0870
430	0.5155	88.4811	575	0.5492	94.2721	720	0.0256	4.3857
435	0.7765	133.2839	580	0.5396	92.6277	725	0.0214	3.6781
440	0.9821	168.5704	585	0.5307	91.0875	730	0.0195	3.3423
445	0.9476	162.6642	590	0.5135	88.1499	735	0.0159	2.7278
450	0.6632	113.8370	595	0.4953	85.0175	740	0.0142	2.4396
455	0.3844	65.9815	600	0.4705	80.7669	745	0.0128	2.1918
460	0.2473	42.4569	605	0.4438	76.1713	750	0.0108	1.8490
465	0.1703	29.2389	610	0.4148	71.2025	755	0.0097	1.6670
470	0.1185	20.3390	615	0.3841	65.9367	760	0.0093	1.5935
475	0.0964	16.5489	620	0.3526	60.5309	765	0.0060	1.0304
480	0.0928	15.9305	625	0.3206	55.0248	770	0.0042	0.7184
485	0.1057	18.1414	630	0.2894	49.6734	775	0.0060	1.0240
490	0.1373	23.5671	635	0.2599	44.6065	780	0.0044	0.7501
495	0.1861	31.9394	640	0.2323	39.8802	785	0.0038	0.6525
500	0.2456	42.1517	645	0.2061	35.3747	790	0.0043	0.7314
505	0.3084	52.9450	650	0.1820	31.2368	795	0.0038	0.6459
510	0.3686	63.2641	655	0.1612	27.6771	800	0.0045	0.7803
515	0.4201	72.1171	660	0.1410	24.2070			
520	0.4590	78.7878	665	0.1241	21.2982			

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