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: 2008-40W-FL　　Product Number: 2008-40W-FL

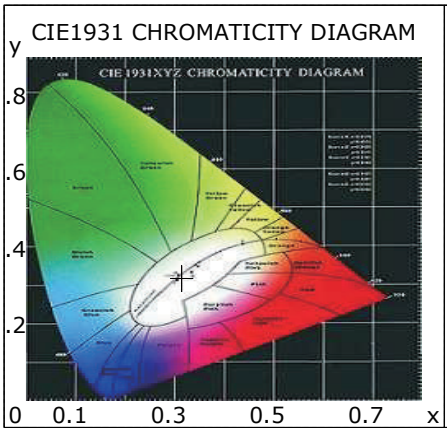
CIE Colorimetric Parameters

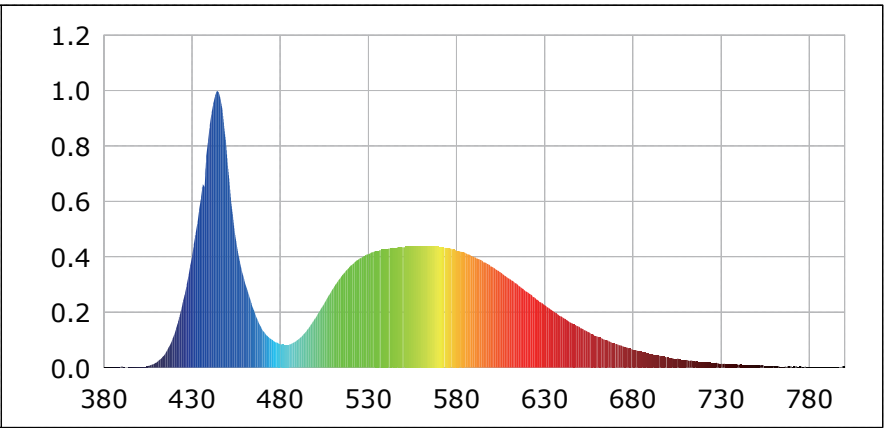
Chromaticity coordinates: x=0.3154 y=0.3204　u(u')=0.2030 v=0.3094 v'=0.4640
CCT: Tc=6422K (duv=-0.00265)　　Color Ratio: R=0.129 G=0.836 B=0.035
Peak Wavelength: 444.2nm　　Half Bandwidth: 21.5nm
Dominant Wavelength: 481.8nm　　Color Purity: 0.072
CRI: Ra= 72.5　　TM30: Rf= 67, Rg= 97

R1 =74	R2 =74	R3 =73	R4 =75	R5 =75	R6 =67	R7 =78	R8 =64
R9 =-16	R10=38	R11=76	R12=48	R13=72	R14=85	R15=69	

Color Quality Scale: Qa= 71.0, Qf= 68.7, Qp= 77.1, Qg= 93.1

Q1 =82	Q2 =90	Q3 =61	Q4 =58	Q5 =71	Q6 =76	Q7 =79	Q8 =89
Q9 =86	Q10=68	Q11=63	Q12=66	Q13=70	Q14=62	Q15=70	





Photometric Parameters

Luminous Flux: 3368.42 lm　　Efficiency: 88.69 lm/W　　Radiant Power: 10.794 W
EEI: 0.15　　Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 12.06V　　Current: 3.1500A　　Power: 37.98W
Power Factor: 0.0000　　Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 1 Min
Max of Signal: 44551 (3251)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4∏
CCD Integration Time: 126.24 ms

Condition: Tx:30.2'C, Ti:29.3'C, R.H.:60%　　Test Device: Inventfine CMS-2S (Plus)
Test Lab:　　Test Time: 2024-04-03 11:16:47
Operator:　　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	0.1995	525	0.3950	49.7117	670	0.0868	10.9189
385	0.0021	0.2701	530	0.4108	51.6953	675	0.0757	9.5286
390	0.0054	0.6753	535	0.4222	53.1306	680	0.0644	8.1024
395	0.0017	0.2197	540	0.4288	53.9640	685	0.0579	7.2878
400	0.0020	0.2556	545	0.4335	54.5462	690	0.0496	6.2412
405	0.0063	0.7895	550	0.4332	54.5091	695	0.0440	5.5412
410	0.0203	2.5540	555	0.4393	55.2839	700	0.0374	4.7066
415	0.0543	6.8309	560	0.4392	55.2730	705	0.0326	4.1005
420	0.1225	15.4129	565	0.4397	55.3279	710	0.0290	3.6527
425	0.2438	30.6810	570	0.4359	54.8583	715	0.0244	3.0766
430	0.4033	50.7492	575	0.4316	54.3073	720	0.0207	2.6081
435	0.6166	77.5934	580	0.4226	53.1801	725	0.0178	2.2386
440	0.8768	110.3349	585	0.4141	52.1085	730	0.0157	1.9696
445	0.9934	125.0151	590	0.3999	50.3221	735	0.0133	1.6690
450	0.7431	93.5066	595	0.3823	48.1049	740	0.0100	1.2555
455	0.4505	56.6861	600	0.3646	45.8767	745	0.0103	1.2968
460	0.3061	38.5180	605	0.3434	43.2099	750	0.0088	1.1030
465	0.2066	25.9956	610	0.3197	40.2263	755	0.0071	0.8932
470	0.1350	16.9918	615	0.2965	37.3149	760	0.0076	0.9585
475	0.1021	12.8462	620	0.2731	34.3646	765	0.0043	0.5360
480	0.0856	10.7763	625	0.2485	31.2761	770	0.0040	0.4989
485	0.0836	10.5194	630	0.2250	28.3092	775	0.0055	0.6867
490	0.1020	12.8385	635	0.2030	25.5503	780	0.0040	0.5084
495	0.1352	17.0195	640	0.1826	22.9724	785	0.0033	0.4161
500	0.1814	22.8245	645	0.1627	20.4721	790	0.0040	0.5047
505	0.2329	29.3083	650	0.1438	18.0982	795	0.0031	0.3930
510	0.2875	36.1758	655	0.1276	16.0579	800	0.0052	0.6599
515	0.3330	41.9088	660	0.1125	14.1616			
520	0.3691	46.4484	665	0.1000	12.5834			

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