杭州创惠仪器有限公司
www.inventfine.com.cn
Tel: 86-571-88091262
Fax: 86-571-88262100

Lightsource Test Report (1/2)

Product Infomation

Product Type: 2009-24W-FL　　Product Number: 2009-24W-FL

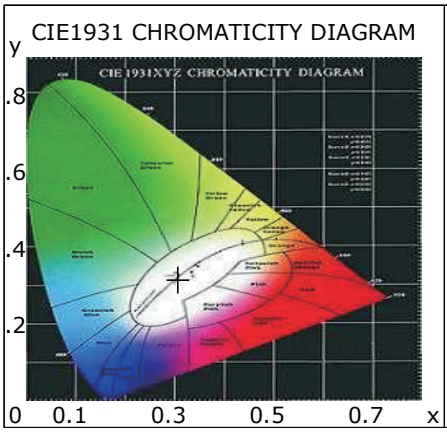
CIE Colorimetric Parameters

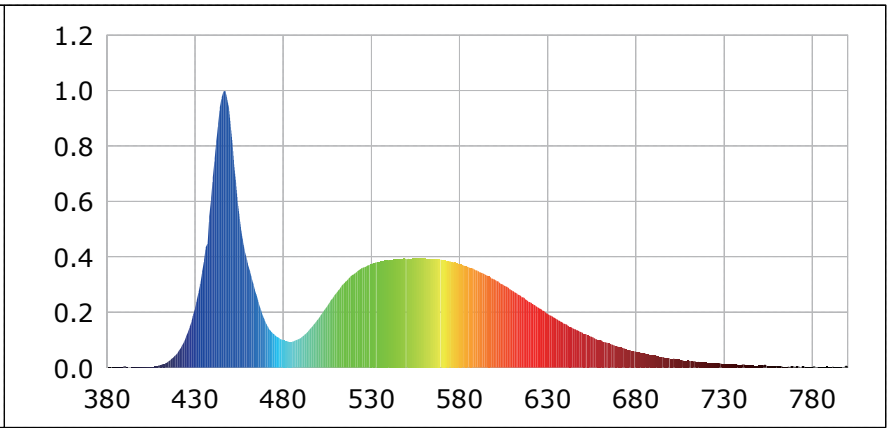
Chromaticity coordinates: x=0.3078 y=0.3166　u(u')=0.1991 v=0.3072 v'=0.4608
CCT: Tc=6914K (duv=-0.00071)　　Color Ratio: R=0.124 G=0.835 B=0.041
Peak Wavelength: 446.6nm　　Half Bandwidth: 18.5nm
Dominant Wavelength: 482.8nm　　Color Purity: 0.101
CRI: Ra= 74.4　　TM30: Rf= 70, Rg= 96

R1 =74	R2 =77	R3 =76	R4 =77	R5 =76	R6 =69	R7 =81	R8 =66
R9 =-14	R10=43	R11=76	R12=46	R13=74	R14=87	R15=71	

Color Quality Scale: Qa= 72.3, Qf= 70.5, Qp= 76.9, Qg= 91.7

Q1 =83	Q2 =92	Q3 =63	Q4 =58	Q5 =71	Q6 =76	Q7 =81	Q8 =89
Q9 =88	Q10=72	Q11=66	Q12=68	Q13=72	Q14=63	Q15=72	





Photometric Parameters

Luminous Flux: 2411.12 lm　　Efficiency: 105.89 lm/W　　Radiant Power: 7.743 W
EEI: 0.13　　Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 12.05V　　Current: 1.8900A　　Power: 22.77W
Power Factor: 0.0000　　Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 1 Min
Max of Signal: 44502 (3274)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4π
CCD Integration Time: 151.59 ms

Condition: Tx:30.1'C, Ti:29.1'C, R.H.:60%　　Test Device: Inventfine CMS-2S (Plus)
Test Lab:　　Test Time: 2024-04-03 11:02:02
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	0.0011	0.1056	525	0.3608	36.0416	670	0.0762	7.6122
385	0.0024	0.2356	530	0.3741	37.3764	675	0.0660	6.5967
390	0.0063	0.6337	535	0.3845	38.4117	680	0.0569	5.6838
395	0.0016	0.1562	540	0.3901	38.9706	685	0.0519	5.1817
400	0.0013	0.1328	545	0.3932	39.2817	690	0.0443	4.4250
405	0.0028	0.2748	550	0.3908	39.0430	695	0.0394	3.9401
410	0.0095	0.9467	555	0.3956	39.5182	700	0.0331	3.3101
415	0.0234	2.3330	560	0.3944	39.4030	705	0.0296	2.9579
420	0.0538	5.3737	565	0.3931	39.2753	710	0.0266	2.6527
425	0.1138	11.3698	570	0.3890	38.8606	715	0.0231	2.3077
430	0.2162	21.5974	575	0.3833	38.2917	720	0.0187	1.8697
435	0.3905	39.0144	580	0.3737	37.3343	725	0.0166	1.6564
440	0.6857	68.5045	585	0.3632	36.2802	730	0.0148	1.4767
445	0.9778	97.6891	590	0.3496	34.9276	735	0.0129	1.2862
450	0.8810	88.0162	595	0.3343	33.3931	740	0.0110	1.1028
455	0.5475	54.6948	600	0.3172	31.6863	745	0.0102	1.0153
460	0.3717	37.1311	605	0.2982	29.7950	750	0.0087	0.8701
465	0.2571	25.6863	610	0.2777	27.7478	755	0.0074	0.7356
470	0.1624	16.2203	615	0.2558	25.5521	760	0.0074	0.7397
475	0.1180	11.7907	620	0.2365	23.6245	765	0.0045	0.4464
480	0.1003	10.0185	625	0.2160	21.5835	770	0.0030	0.2961
485	0.0947	9.4598	630	0.1941	19.3935	775	0.0055	0.5452
490	0.1086	10.8539	635	0.1749	17.4759	780	0.0034	0.3436
495	0.1390	13.8826	640	0.1577	15.7549	785	0.0041	0.4074
500	0.1788	17.8651	645	0.1401	13.9916	790	0.0037	0.3671
505	0.2238	22.3617	650	0.1248	12.4665	795	0.0036	0.3575
510	0.2694	26.9163	655	0.1110	11.0919	800	0.0045	0.4449
515	0.3097	30.9360	660	0.0987	9.8627			
520	0.3386	33.8319	665	0.0870	8.6912			

Condition: Tx:30.1'C, Ti:29.1'C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2024-04-03 11:02:02
Inspector: