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: 54-50-D　　Product Number: 54-50-D

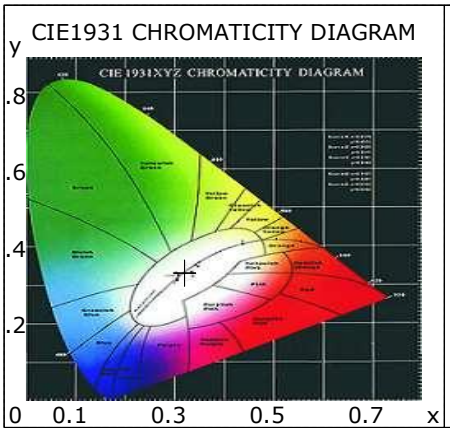
CIE Colorimetric Parameters

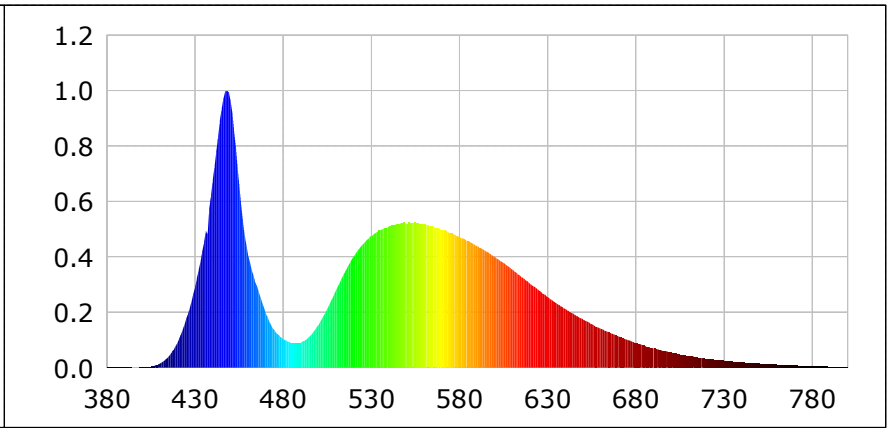
Chromaticity coordinates: x=0.3212 y=0.3349　u(u')=0.2015 v=0.3151 v'=0.4727
CCT: Tc=6032K (duv=0.00204)　　Color Ratio: R=0.127 G=0.839 B=0.034
Peak Wavelength: 447.8nm　　Half Bandwidth: 20.4nm
Dominant Wavelength: 493.4nm　　Color Purity: 0.040
CRI: Ra= 70.8　　TM30: Rf= 67, Rg= 95

R1 =70	R2 =74	R3 =74	R4 =72	R5 =70	R6 =64	R7 =80	R8 =62
R9 =-24	R10=35	R11=69	R12=39	R13=69	R14=85	R15=67	

Color Quality Scale: Qa= 69.8, Qf= 68.3, Qp= 74.0, Qg= 90.5

Q1 =81	Q2 =92	Q3 =60	Q4 =55	Q5 =67	Q6 =71	Q7 =76	Q8 =86
Q9 =87	Q10=70	Q11=64	Q12=67	Q13=71	Q14=60	Q15=69	





Photometric Parameters

Luminous Flux: 13347.81 lm　Efficiency: 43.28 lm/W　Radiant Power: 41.509 W
EEI: 0.31　Energy Efficiency Class: B (EU 874-2012)

Electric Parameters

Voltage: 12.83V　Current: 24.0400A　Power: 308.43W
Power Factor: 1.0000　Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 20 Sec
Max of Signal: 52089 (2322)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4∏
CCD Integration Time: 27.57 ms

Condition: Tx:19.1'C, Ti:20.3'C, R.H.:60%　Test Device: Inventfine CMS-2S (Plus)
Test Lab:　Test Time: 2022-01-18 10:54:10
Operator:　Inspector:

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 (2/2)

WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)
380	0.0017	0.7481	525	0.4450	195.7161	670	0.1140	50.1293
385	0.0017	0.7493	530	0.4759	209.3136	675	0.1009	44.3933
390	0.0016	0.6829	535	0.4960	218.1827	680	0.0899	39.5328
395	0.0009	0.3988	540	0.5110	224.7543	685	0.0794	34.9308
400	0.0015	0.6506	545	0.5192	228.3643	690	0.0700	30.7873
405	0.0052	2.2673	550	0.5184	228.0165	695	0.0623	27.4230
410	0.0153	6.7329	555	0.5230	230.0309	700	0.0547	24.0777
415	0.0406	17.8418	560	0.5175	227.6011	705	0.0481	21.1708
420	0.0913	40.1508	565	0.5106	224.5682	710	0.0425	18.6765
425	0.1772	77.9502	570	0.4988	219.4096	715	0.0379	16.6690
430	0.2920	128.4276	575	0.4861	213.8072	720	0.0325	14.2998
435	0.4544	199.8491	580	0.4712	207.2334	725	0.0289	12.7108
440	0.6786	298.4792	585	0.4570	201.0132	730	0.0256	11.2684
445	0.9371	412.1788	590	0.4384	192.8400	735	0.0225	9.9045
450	0.9659	424.8586	595	0.4201	184.7797	740	0.0194	8.5206
455	0.6525	286.9895	600	0.3991	175.5245	745	0.0171	7.5123
460	0.4070	179.0208	605	0.3769	165.7900	750	0.0156	6.8586
465	0.2940	129.3055	610	0.3542	155.8111	755	0.0131	5.7728
470	0.1974	86.8095	615	0.3283	144.3914	760	0.0122	5.3560
475	0.1339	58.8736	620	0.3026	133.0861	765	0.0102	4.4952
480	0.1036	45.5474	625	0.2790	122.7329	770	0.0085	3.7344
485	0.0901	39.6409	630	0.2553	112.2817	775	0.0089	3.9257
490	0.0918	40.3677	635	0.2322	102.1287	780	0.0066	2.8897
495	0.1140	50.1489	640	0.2117	93.1011	785	0.0059	2.5758
500	0.1569	69.0103	645	0.1921	84.4761	790	0.0046	2.0155
505	0.2137	93.9941	650	0.1737	76.4055	795	0.0045	1.9865
510	0.2817	123.8914	655	0.1567	68.9292	800	0.0042	1.8666
515	0.3471	152.6516	660	0.1411	62.0413			
520	0.4031	177.2799	665	0.1265	55.6460			

Condition: Tx:19.1'C, Ti:20.3'C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-01-18 10:54:10
Inspector: