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: 3045-20W-CO-Y Product Number: 4

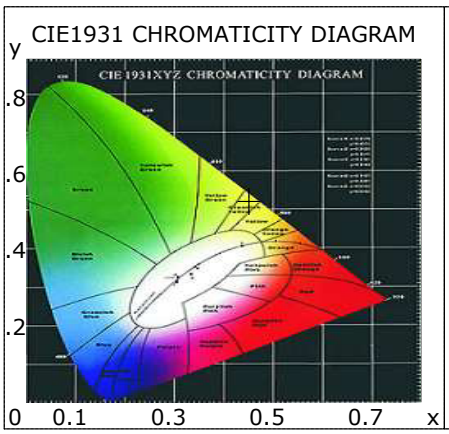
CIE Colorimetric Parameters

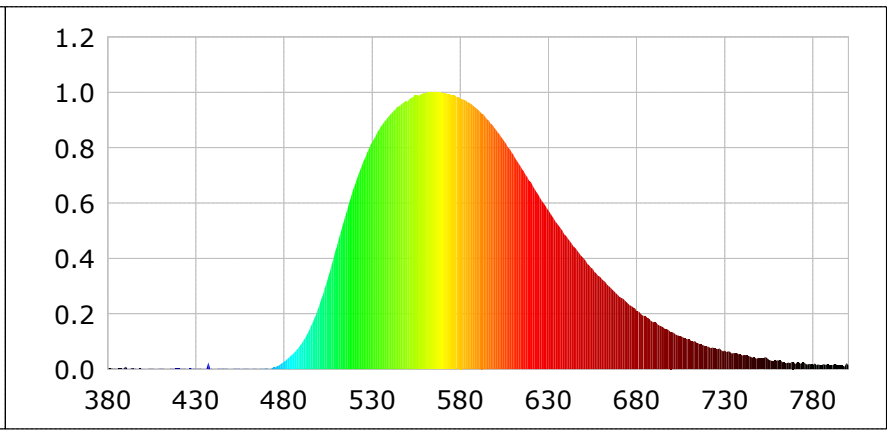
Chromaticity coordinates: x=0.4514 y=0.5270 u(u')=0.2144 v=0.3755 v'=0.5632
CCT: Tc=3565K (duv=0.04062) Color Ratio: R=0.149 G=0.845 B=0.006
Peak Wavelength: 567.1nm Half Bandwidth: 125.5nm
Dominant Wavelength: 572.2nm Color Purity: 0.939
CRI: Ra= 43.1 TM30: Rf= 25, Rg= 31

R1 =52	R2 =54	R3 =47	R4 =19	R5 =48	R6 =48	R7 =46	R8 =31
R9 =-73	R10=7	R11=-3	R12=18	R13=50	R14=74	R15=38	

Color Quality Scale: Qa= 6.4, Qf= 9.4, Qp= 0.9, Qg= 21.6

Q1 =33	Q2 =14	Q3 =25	Q4 =56	Q5 =69	Q6 =45	Q7 =6	Q8 =0
Q9 =0	Q10=0	Q11=0	Q12=2	Q13=20	Q14=33	Q15=60	





Photometric Parameters

Luminous Flux: 1427.51 lm Efficiency: 112.74 lm/W Radiant Power: 3.349 W
EEI: 0.12 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 12.79V Current: 0.9900A Power: 12.66W
Power Factor: 0.0000 Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 20 Sec
Max of Signal: 45124 (3108)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4∏
CCD Integration Time: 586.75 ms

Condition: Tx:24.9'C, Ti:23.6'C, R.H.:60% Test Device: Inventfine CMS-2S (Plus)
Test Lab: Test Time: 2023-11-17 16:13:15
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	0.0017	3045-20W-CO-Y	525	0.7498	18.7650	670	0.2635	6.5939
385	0.0013	0.0335	530	0.8206	20.5378	675	0.2378	5.9521
390	0.0098	0.2457	535	0.8772	21.9534	680	0.2103	5.2634
395	0.0026	0.0661	540	0.9188	22.9946	685	0.1910	4.7792
400	0.0010	0.0262	545	0.9502	23.7822	690	0.1682	4.2088
405	0.0020	0.0497	550	0.9655	24.1635	695	0.1524	3.8142
410	0.0020	0.0510	555	0.9886	24.7421	700	0.1342	3.3575
415	0.0020	0.0506	560	0.9959	24.9258	705	0.1191	2.9805
420	0.0030	0.0760	565	0.9993	25.0109	710	0.1077	2.6961
425	0.0007	0.0178	570	0.9972	24.9581	715	0.0937	2.3459
430	0.0022	0.0556	575	0.9897	24.7702	720	0.0829	2.0737
435	0.0009	0.0233	580	0.9779	24.4738	725	0.0744	1.8609
440	0.0006	0.0140	585	0.9624	24.0865	730	0.0675	1.6896
445	0.0019	0.0473	590	0.9375	23.4623	735	0.0600	1.5013
450	0.0010	0.0259	595	0.9036	22.6159	740	0.0487	1.2177
455	0.0016	0.0406	600	0.8651	21.6510	745	0.0447	1.1188
460	0.0018	0.0451	605	0.8223	20.5809	750	0.0403	1.0090
465	0.0009	0.0232	610	0.7751	19.3990	755	0.0346	0.8652
470	0.0043	0.1088	615	0.7227	18.0865	760	0.0326	0.8157
475	0.0066	0.1645	620	0.6755	16.9050	765	0.0213	0.5329
480	0.0270	0.6766	625	0.6212	15.5477	770	0.0180	0.4497
485	0.0546	1.3669	630	0.5727	14.3332	775	0.0253	0.6334
490	0.0940	2.3534	635	0.5259	13.1629	780	0.0154	0.3846
495	0.1516	3.7954	640	0.4813	12.0460	785	0.0145	0.3625
500	0.2315	5.7934	645	0.4383	10.9708	790	0.0133	0.3327
505	0.3315	8.2968	650	0.3989	9.9826	795	0.0134	0.3356
510	0.4461	11.1657	655	0.3623	9.0676	800	0.0130	0.3252
515	0.5574	13.9509	660	0.3275	8.1954			
520	0.6633	16.6001	665	0.2952	7.3891			

Condition: Tx:24.9'C, Ti:23.6'C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2023-11-17 16:13:15
Inspector: