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: 54-30-D-WA-WHITE Product Number: 54-30-D-WA-WHITE

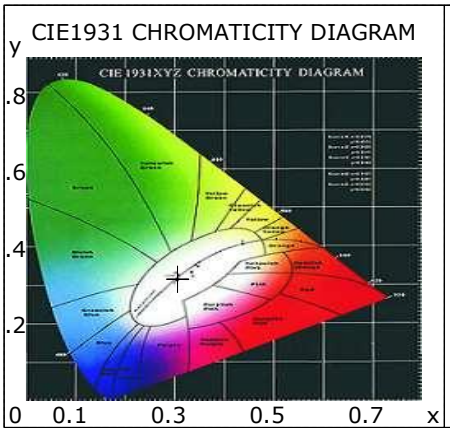
CIE Colorimetric Parameters

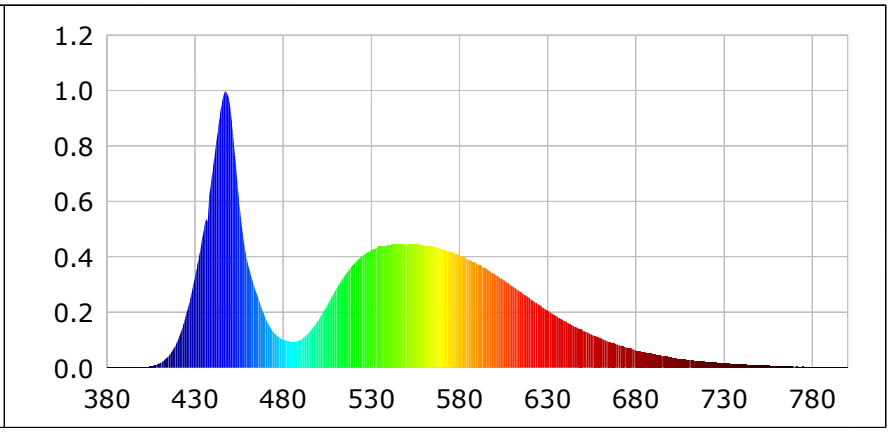
Chromaticity coordinates: x=0.3068 y=0.3192 u(u')=0.1974 v=0.3081 v'=0.4621
CCT: Tc=6940K (duv=0.00118) Color Ratio: R=0.119 G=0.842 B=0.039
Peak Wavelength: 447.2nm Half Bandwidth: 21.7nm
Dominant Wavelength: 484.6nm Color Purity: 0.101
CRI: Ra= 71.9 TM30: Rf= 67, Rg= 95

R1 =71	R2 =74	R3 =74	R4 =74	R5 =73	R6 =66	R7 =80	R8 =64
R9 =-22	R10=36	R11=73	R12=43	R13=71	R14=85	R15=68	

Color Quality Scale: Qa= 70.9, Qf= 69.1, Qp= 75.7, Qg= 90.7

Q1 =82	Q2 =91	Q3 =62	Q4 =57	Q5 =69	Q6 =74	Q7 =78	Q8 =88
Q9 =87	Q10=70	Q11=64	Q12=67	Q13=71	Q14=60	Q15=70	





Photometric Parameters

Luminous Flux: 8262.56 lm Efficiency: 47.05 lm/W Radiant Power: 26.413 W
EEI: 0.29 Energy Efficiency Class: B (EU 874-2012)

Electric Parameters

Voltage: 12.82V Current: 13.7000A Power: 175.63W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 20 Sec
Max of Signal: 45273 (2984)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4π
CCD Integration Time: 34.23 ms

Condition: Tx:28.7'C, Ti:27.8'C, R.H.:60% Test Device: Inventfine CMS-2S (Plus)
Test Lab: Test Time: 2022-03-12 11:28:13
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	0.5046	525	0.4052	126.4967	670	0.0828	25.8530
385	0.0023	0.7047	530	0.4249	132.6306	675	0.0727	22.7097
390	0.0025	0.7884	535	0.4362	136.1837	680	0.0634	19.7823
395	0.0017	0.5224	540	0.4433	138.3951	685	0.0567	17.7156
400	0.0023	0.7272	545	0.4479	139.8255	690	0.0486	15.1708
405	0.0058	1.8148	550	0.4436	138.4720	695	0.0433	13.5103
410	0.0167	5.2188	555	0.4453	139.0039	700	0.0373	11.6459
415	0.0427	13.3312	560	0.4415	137.8276	705	0.0325	10.1518
420	0.0971	30.3080	565	0.4371	136.4634	710	0.0289	9.0318
425	0.1942	60.6300	570	0.4281	133.6544	715	0.0246	7.6820
430	0.3285	102.5363	575	0.4183	130.5788	720	0.0210	6.5693
435	0.5034	157.1470	580	0.4038	126.0532	725	0.0187	5.8517
440	0.7195	224.6209	585	0.3907	121.9535	730	0.0160	4.9911
445	0.9559	298.3994	590	0.3748	116.9900	735	0.0145	4.5197
450	0.9318	290.8965	595	0.3572	111.5186	740	0.0127	3.9731
455	0.5909	184.4592	600	0.3365	105.0451	745	0.0108	3.3853
460	0.3717	116.0205	605	0.3159	98.6101	750	0.0096	2.9927
465	0.2658	82.9612	610	0.2935	91.6287	755	0.0085	2.6478
470	0.1762	54.9911	615	0.2714	84.7174	760	0.0082	2.5695
475	0.1242	38.7647	620	0.2484	77.5349	765	0.0063	1.9563
480	0.1016	31.7133	625	0.2272	70.9262	770	0.0043	1.3457
485	0.0937	29.2625	630	0.2048	63.9414	775	0.0050	1.5626
490	0.1027	32.0598	635	0.1851	57.7881	780	0.0041	1.2719
495	0.1308	40.8181	640	0.1666	52.0157	785	0.0034	1.0676
500	0.1745	54.4629	645	0.1493	46.6114	790	0.0032	1.0037
505	0.2274	70.9811	650	0.1335	41.6718	795	0.0027	0.8324
510	0.2834	88.4613	655	0.1185	36.9925	800	0.0036	1.1104
515	0.3339	104.2220	660	0.1066	33.2902			
520	0.3753	117.1526	665	0.0945	29.5124			

Condition: Tx:28.7'C, Ti:27.8'C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-03-12 11:28:13
Inspector: