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: 49-20"-COMBO-A

Product Number: 49-20"-COMBO-A

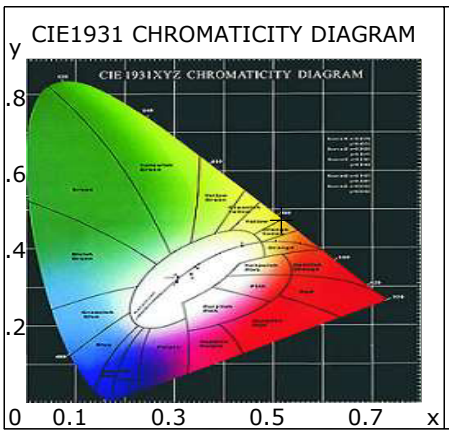
CIE Colorimetric Parameters

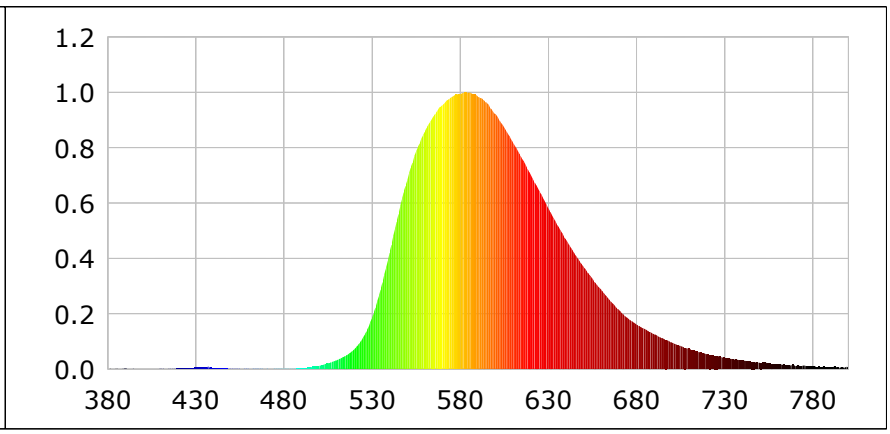
Chromaticity coordinates: x=0.5169 y=0.4773 u(u')=0.2687 v=0.3722 v'=0.5584
CCT: Tc=2488K (duv=0.01848) Color Ratio: R=0.205 G=0.794 B=0.000
Peak Wavelength: 585.0nm Half Bandwidth: 94.4nm
Dominant Wavelength: 581.1nm Color Purity: 0.985
CRI: Ra= 42.5 TM30: Rf= 20, Rg= 26

R1 =35	R2 =60	R3 =74	R4 =26	R5 =28	R6 =37	R7 =69	R8 =13
R9 =-107	R10=9	R11=-4	R12=-18	R13=37	R14=85	R15=29	

Color Quality Scale: Qa= 0.9, Qf= 1.8, Qp= 0.1, Qg= 12.1

Q1 =49	Q2 =21	Q3 =3	Q4 =7	Q5 =22	Q6 =37	Q7 =29	Q8 =4
Q9 =0	Q10=0	Q11=0	Q12=0	Q13=0	Q14=3	Q15=42	





Photometric Parameters

Luminous Flux: 4765.51 lm Efficiency: 43.44 lm/W Radiant Power: 11.401 W
EEI: 0.31 Energy Efficiency Class: B (EU 874-2012)

Electric Parameters

Voltage: 12.80V Current: 8.5700A Power: 109.70W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 20 Sec
Max of Signal: 44679 (3243)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4∏
CCD Integration Time: 92.47 ms

Condition: Tx:30.9'C, Ti:31.0'C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-05-20 15:17:21
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	0.0005	0.0555	525	0.1160	12.9080	670	0.2141	23.8145
385	0.0014	0.1505	530	0.1871	20.8142	675	0.1844	20.5153
390	0.0037	0.4151	535	0.2927	32.5557	680	0.1617	17.9891
395	0.0014	0.1511	540	0.4257	47.3512	685	0.1436	15.9713
400	0.0006	0.0721	545	0.5651	62.8567	690	0.1263	14.0523
405	0.0011	0.1196	550	0.6837	76.0472	695	0.1112	12.3673
410	0.0012	0.1343	555	0.7887	87.7254	700	0.0966	10.7480
415	0.0014	0.1604	560	0.8605	95.7179	705	0.0843	9.3770
420	0.0025	0.2797	565	0.9173	102.0323	710	0.0734	8.1600
425	0.0032	0.3587	570	0.9559	106.3296	715	0.0631	7.0153
430	0.0052	0.5809	575	0.9830	109.3428	720	0.0538	5.9885
435	0.0053	0.5887	580	0.9941	110.5778	725	0.0475	5.2797
440	0.0044	0.4919	585	1.0000	111.2331	730	0.0415	4.6178
445	0.0040	0.4410	590	0.9846	109.5222	735	0.0365	4.0549
450	0.0021	0.2324	595	0.9625	107.0574	740	0.0311	3.4565
455	0.0014	0.1597	600	0.9213	102.4798	745	0.0268	2.9770
460	0.0016	0.1827	605	0.8723	97.0233	750	0.0227	2.5250
465	0.0013	0.1457	610	0.8174	90.9165	755	0.0207	2.3063
470	0.0018	0.1971	615	0.7596	84.4891	760	0.0193	2.1476
475	0.0014	0.1564	620	0.7016	78.0392	765	0.0142	1.5778
480	0.0015	0.1629	625	0.6409	71.2887	770	0.0112	1.2506
485	0.0019	0.2093	630	0.5801	64.5292	775	0.0139	1.5486
490	0.0039	0.4348	635	0.5222	58.0856	780	0.0103	1.1446
495	0.0068	0.7594	640	0.4671	51.9551	785	0.0078	0.8665
500	0.0125	1.3860	645	0.4146	46.1170	790	0.0076	0.8504
505	0.0216	2.4055	650	0.3683	40.9704	795	0.0058	0.6402
510	0.0331	3.6832	655	0.3250	36.1550	800	0.0059	0.6576
515	0.0492	5.4751	660	0.2860	31.8164			
520	0.0736	8.1818	665	0.2473	27.5083			

Condition: Tx:30.9'C, Ti:31.0'C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-05-20 15:17:21
Inspector: