杭州创惠仪器有限公司
www.inventfine.com.cn
Tel: 86-571-88091262
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Lightsource Test Report (1/2)

Product Infomation

Product Type: 49-20寸　　Product Number: 64

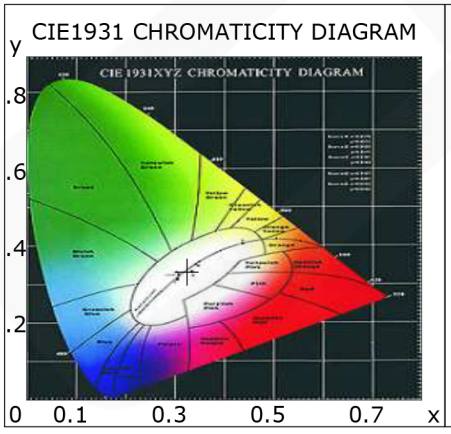
CIE Colorimetric Parameters

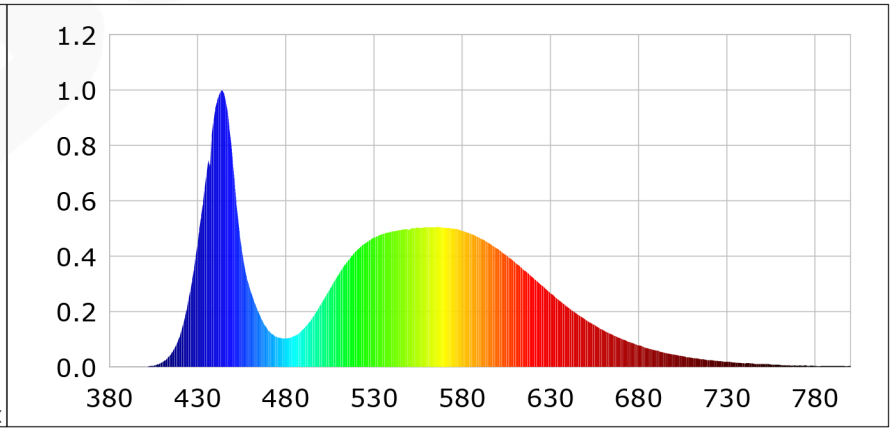
Chromaticity coordinates: x=0.3248 y=0.3357　u(u')=0.2037 v=0.3157 v'=0.4736
CCT: Tc=5856K (duv=0.00071)　　Color Ratio: R=0.132 G=0.834 B=0.034
Peak Wavelength: 443.7nm　　Half Bandwidth: 22.4nm
Dominant Wavelength: 495.3nm　　Color Purity: 0.027
CRI: Ra= 72.2　　TM30: Rf= 68, Rg= 97

R1 =72	R2 =75	R3 =77	R4 =74	R5 =73	R6 =68	R7 =78	R8 =61
R9 =-23	R10=40	R11=75	R12=50	R13=71	R14=87	R15=66	

Color Quality Scale: Qa= 72.2, Qf= 70.6, Qp= 76.8, Qg= 92.4

Q1 =79	Q2 =91	Q3 =64	Q4 =63	Q5 =73	Q6 =75	Q7 =78	Q8 =88
Q9 =89	Q10=71	Q11=67	Q12=68	Q13=71	Q14=60	Q15=68	





Photometric Parameters

Luminous Flux: 7982.77 lm　　Efficiency: 90.02 lm/W　　Radiant Power: 24.874 W
EEI: 0.15　　Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 12.05V　　Current: 7.3600A　　Power: 88.68W
Power Factor: 1.0000　　Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 20 Sec
Max of Signal: 44588 (3302)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4∏
CCD Integration Time: 43.61 ms

Condition: Tx:31.9'C, Ti:30.9'C, R.H.:60%　　Test Device: Inventfine CMS-2S (Plus)
Test Lab:　　Test Time: 2020-05-16 20:04:30
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	0.0014	0.3690	525	0.4474	115.7091	670	0.1038	26.8463
385	0.0020	0.5213	530	0.4672	120.8491	675	0.0904	23.3764
390	0.0034	0.8848	535	0.4799	124.1185	680	0.0780	20.1688
395	0.0013	0.3491	540	0.4893	126.5681	685	0.0691	17.8619
400	0.0018	0.4763	545	0.4950	128.0362	690	0.0598	15.4753
405	0.0055	1.4307	550	0.4954	128.1211	695	0.0519	13.4352
410	0.0177	4.5895	555	0.5033	130.1771	700	0.0451	11.6734
415	0.0477	12.3300	560	0.5047	130.5283	705	0.0399	10.3284
420	0.1141	29.5233	565	0.5058	130.8292	710	0.0339	8.7757
425	0.2474	64.0004	570	0.5033	130.1841	715	0.0296	7.6454
430	0.4443	114.9077	575	0.5001	129.3606	720	0.0256	6.6281
435	0.6978	180.4802	580	0.4915	127.1315	725	0.0227	5.8609
440	0.9332	241.3749	585	0.4819	124.6532	730	0.0199	5.1375
445	0.9859	255.0101	590	0.4653	120.3477	735	0.0167	4.3069
450	0.7332	189.6496	595	0.4482	115.9282	740	0.0137	3.5388
455	0.4218	109.0863	600	0.4273	110.5217	745	0.0132	3.4120
460	0.2746	71.0300	605	0.4037	104.4186	750	0.0105	2.7131
465	0.1914	49.4965	610	0.3773	97.5862	755	0.0097	2.5108
470	0.1323	34.2225	615	0.3492	90.3326	760	0.0092	2.3902
475	0.1089	28.1782	620	0.3231	83.5577	765	0.0068	1.7658
480	0.1039	26.8708	625	0.2948	76.2537	770	0.0055	1.4266
485	0.1127	29.1439	630	0.2668	69.0049	775	0.0067	1.7312
490	0.1376	35.5858	635	0.2407	62.2637	780	0.0044	1.1490
495	0.1776	45.9417	640	0.2152	55.6627	785	0.0040	1.0251
500	0.2278	58.9319	645	0.1917	49.5914	790	0.0043	1.1228
505	0.2809	72.6662	650	0.1706	44.1342	795	0.0035	0.8991
510	0.3355	86.7767	655	0.1516	39.2032	800	0.0038	0.9738
515	0.3823	98.8794	660	0.1333	34.4901			
520	0.4199	108.6047	665	0.1177	30.4539			

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