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: 3024P-60W-SPOT Product Number: 3024P-60W-SPOT

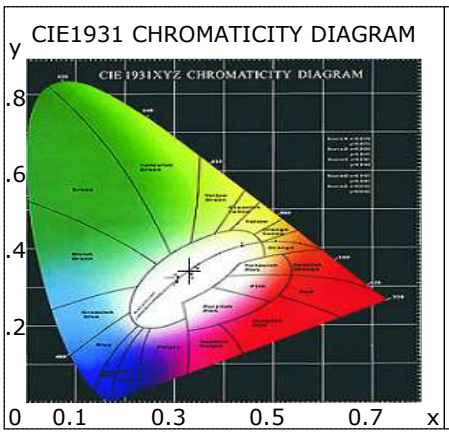
CIE Colorimetric Parameters

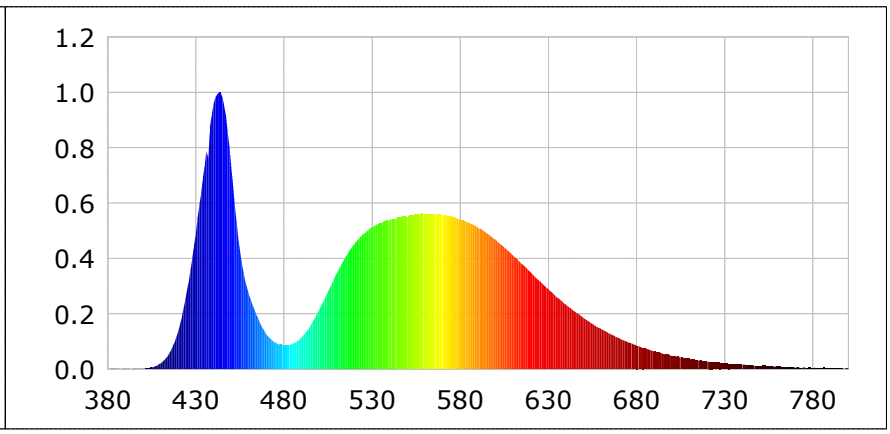
Chromaticity coordinates: x=0.3305 y=0.3440 u(u')=0.2044 v=0.3192 v'=0.4787
CCT: Tc=5586K (duv=0.00239) Color Ratio: R=0.131 G=0.840 B=0.029
Peak Wavelength: 443.4nm Half Bandwidth: 23.4nm
Dominant Wavelength: 538.8nm Color Purity: 0.025
CRI: Ra= 69.6 TM30: Rf= 66, Rg= 96

R1 =69	R2 =72	R3 =75	R4 =72	R5 =70	R6 =65	R7 =77	R8 =58
R9 =-33	R10=35	R11=72	R12=45	R13=68	R14=86	R15=63	

Color Quality Scale: Qa= 70.3, Qf= 68.8, Qp= 74.8, Qg= 91.3

Q1 =77	Q2 =91	Q3 =63	Q4 =61	Q5 =71	Q6 =72	Q7 =75	Q8 =86
Q9 =88	Q10=70	Q11=66	Q12=67	Q13=70	Q14=57	Q15=66	





Photometric Parameters

Luminous Flux: 5165.12 lm Efficiency: 100.57 lm/W Radiant Power: 15.736 W
EEI: 0.14 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 12.00V Current: 4.2800A Power: 51.36W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 20 Sec
Max of Signal: 45437 (2830)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4∏
CCD Integration Time: 106.77 ms

Condition: Tx:25.6'C, Ti:25.4'C, R.H.:60% Test Device: Inventfine CMS-2S (Plus)
Test Lab: Test Time: 2023-04-10 16:13:54
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	0.0011	0.1649	525	0.4885	75.0085	670	0.1126	17.2898
385	0.0022	0.3394	530	0.5122	78.6430	675	0.0973	14.9347
390	0.0032	0.4955	535	0.5279	81.0660	680	0.0855	13.1272
395	0.0015	0.2296	540	0.5410	83.0658	685	0.0753	11.5678
400	0.0014	0.2188	545	0.5486	84.2428	690	0.0643	9.8795
405	0.0065	0.9996	550	0.5490	84.3042	695	0.0563	8.6471
410	0.0213	3.2754	555	0.5585	85.7596	700	0.0485	7.4542
415	0.0584	8.9626	560	0.5600	85.9845	705	0.0428	6.5678
420	0.1373	21.0862	565	0.5597	85.9409	710	0.0376	5.7772
425	0.2853	43.8044	570	0.5554	85.2810	715	0.0326	5.0128
430	0.4906	75.3389	575	0.5506	84.5412	720	0.0279	4.2828
435	0.7412	113.8099	580	0.5404	82.9862	725	0.0245	3.7553
440	0.9573	147.0003	585	0.5289	81.2078	730	0.0209	3.2091
445	0.9824	150.8481	590	0.5109	78.4566	735	0.0187	2.8762
450	0.7331	112.5735	595	0.4909	75.3725	740	0.0154	2.3639
455	0.4251	65.2688	600	0.4673	71.7592	745	0.0141	2.1635
460	0.2714	41.6776	605	0.4390	67.4085	750	0.0113	1.7341
465	0.1880	28.8612	610	0.4099	62.9428	755	0.0107	1.6493
470	0.1259	19.3342	615	0.3795	58.2714	760	0.0102	1.5602
475	0.0965	14.8213	620	0.3493	53.6399	765	0.0061	0.9365
480	0.0865	13.2851	625	0.3184	48.8907	770	0.0055	0.8375
485	0.0919	14.1091	630	0.2884	44.2860	775	0.0074	1.1415
490	0.1159	17.7980	635	0.2586	39.7156	780	0.0041	0.6290
495	0.1581	24.2826	640	0.2329	35.7567	785	0.0035	0.5380
500	0.2165	33.2413	645	0.2080	31.9333	790	0.0042	0.6521
505	0.2800	42.9882	650	0.1846	28.3526	795	0.0033	0.5108
510	0.3476	53.3724	655	0.1632	25.0649	800	0.0034	0.5180
515	0.4065	62.4146	660	0.1449	22.2452			
520	0.4535	69.6365	665	0.1282	19.6814			

Condition: Tx:25.6'C, Ti:25.4'C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2023-04-10 16:13:54
Inspector: