

Lightsource Test Report (1/2)

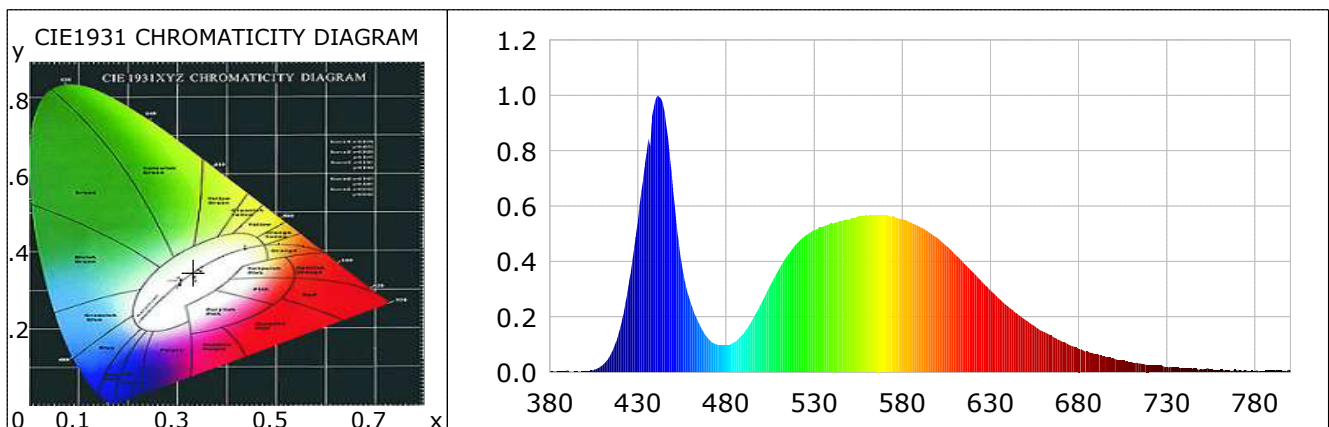
Product Infomation

Product Type: OGA-3025-35W-SPOT

Product Number: OGA-3025-35W-SPOT

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3323$ $y=0.3462$ $u(u')=0.2048$ $v=0.3201$ $v'=0.4801$
 CCT: $T_c=5508K$ ($duv=0.00268$) Color Ratio: $R=0.133$ $G=0.837$ $B=0.030$
 Peak Wavelength: 441.3nm Half Bandwidth: 23.5nm
 Dominant Wavelength: 550.7nm Color Purity: 0.036
 CRI: $R_a=70.5$ TM30: $R_f=67$, $R_g=97$
 $R_1=69$ $R_2=73$ $R_3=77$ $R_4=72$ $R_5=71$ $R_6=66$ $R_7=77$ $R_8=57$
 $R_9=-33$ $R_{10}=38$ $R_{11}=73$ $R_{12}=49$ $R_{13}=68$ $R_{14}=87$ $R_{15}=62$
 Color Quality Scale: $Q_a=71.5$, $Q_f=70.2$, $Q_p=75.6$, $Q_g=91.5$
 $Q_1=77$ $Q_2=91$ $Q_3=65$ $Q_4=64$ $Q_5=73$ $Q_6=73$ $Q_7=76$ $Q_8=87$
 $Q_9=90$ $Q_{10}=71$ $Q_{11}=67$ $Q_{12}=68$ $Q_{13}=71$ $Q_{14}=57$ $Q_{15}=65$



Photometric Parameters

Luminous Flux: 2626.30 lm
 EEI: 0.14

Efficiency: 95.36 lm/W

Radiant Power: 8.013 W

Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 12.81V

Current: 2.1500A

Power: 27.54W

Power Factor: 1.0000

Frequency: 0.00Hz

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 20 Sec

Max of Signal: 45031 (3945)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4T

CCD Integration Time: 152.70 ms

Condition: $T_x=35.8^{\circ}C$, $T_i=34.7^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2021-09-18 14:11:37

Inspector:

Lightsource Test Report (2/2)

WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)
380	0.0018	0.1394	525	0.4929	37.7872	670	0.1130	8.6615
385	0.0030	0.2270	530	0.5130	39.3263	675	0.0980	7.5125
390	0.0080	0.6130	535	0.5258	40.3091	680	0.0839	6.4320
395	0.0025	0.1907	540	0.5374	41.1963	685	0.0756	5.7972
400	0.0026	0.2020	545	0.5451	41.7922	690	0.0645	4.9481
405	0.0082	0.6294	550	0.5493	42.1135	695	0.0574	4.3999
410	0.0263	2.0184	555	0.5608	42.9905	700	0.0492	3.7715
415	0.0688	5.2710	560	0.5646	43.2853	705	0.0427	3.2770
420	0.1600	12.2669	565	0.5676	43.5129	710	0.0372	2.8553
425	0.3249	24.9103	570	0.5655	43.3569	715	0.0329	2.5208
430	0.5460	41.8602	575	0.5611	43.0149	720	0.0264	2.0223
435	0.8001	61.3433	580	0.5526	42.3666	725	0.0232	1.7762
440	0.9848	75.4993	585	0.5409	41.4655	730	0.0200	1.5319
445	0.9416	72.1843	590	0.5239	40.1624	735	0.0170	1.3003
450	0.6542	50.1576	595	0.5061	38.8019	740	0.0139	1.0695
455	0.3819	29.2777	600	0.4838	37.0924	745	0.0122	0.9375
460	0.2488	19.0763	605	0.4561	34.9636	750	0.0096	0.7378
465	0.1712	13.1252	610	0.4254	32.6110	755	0.0093	0.7131
470	0.1209	9.2715	615	0.3935	30.1700	760	0.0089	0.6854
475	0.0999	7.6594	620	0.3614	27.7061	765	0.0062	0.4719
480	0.0960	7.3586	625	0.3283	25.1671	770	0.0052	0.3952
485	0.1092	8.3721	630	0.2957	22.6715	775	0.0081	0.6177
490	0.1420	10.8857	635	0.2656	20.3629	780	0.0040	0.3073
495	0.1901	14.5738	640	0.2381	18.2564	785	0.0045	0.3458
500	0.2491	19.1008	645	0.2121	16.2576	790	0.0053	0.4094
505	0.3113	23.8686	650	0.1878	14.3983	795	0.0059	0.4561
510	0.3720	28.5186	655	0.1672	12.8190	800	0.0059	0.4560
515	0.4238	32.4872	660	0.1465	11.2285			
520	0.4637	35.5469	665	0.1310	10.0436			

Condition: Tx:35.8'C, Ti:34.7'C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
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