

Lightsource Test Report (1/2)

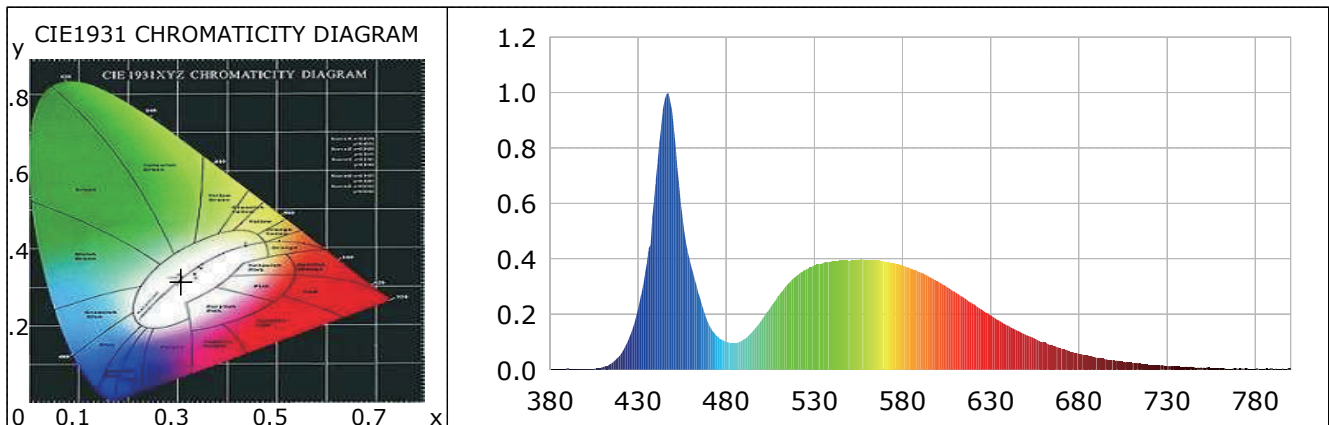
Product Infomation

Product Type: 2006-24W-FL

Product Number: 2006-24W-FL

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3077$ $y=0.3165$ $u(u')=0.1991$ $v=0.3071$ $v'=0.4607$
 CCT: $T_c=6918K$ ($duv=-0.00076$) Color Ratio: $R=0.124$ $G=0.835$ $B=0.042$
 Peak Wavelength: 446.7nm Half Bandwidth: 18.6nm
 Dominant Wavelength: 482.7nm Color Purity: 0.101
 CRI: $R_a=74.5$ TM30: $R_f=70$, $R_g=96$
 $R1=74$ $R2=77$ $R3=76$ $R4=77$ $R5=76$ $R6=69$ $R7=81$ $R8=66$
 $R9=-14$ $R10=43$ $R11=76$ $R12=46$ $R13=74$ $R14=87$ $R15=71$
 Color Quality Scale: $Q_a=72.3$, $Q_f=70.6$, $Q_p=76.9$, $Q_g=91.7$
 $Q1=83$ $Q2=92$ $Q3=63$ $Q4=58$ $Q5=71$ $Q6=76$ $Q7=81$ $Q8=89$
 $Q9=88$ $Q10=72$ $Q11=66$ $Q12=68$ $Q13=72$ $Q14=63$ $Q15=72$



Photometric Parameters

Luminous Flux: 2378.57 lm
 EEI: 0.13

Efficiency: 101.34 lm/W
 Energy Efficiency Class: A+ (EU 874-2012)

Radiant Power: 7.641 W

Electric Parameters

Voltage: 12.04V
 Power Factor: 0.0000

Current: 1.9500A
 Frequency: 0.00Hz

Power: 23.47W

Test Infomation

Scan Range: 380~800:1nm
 Stabilization Time: 1 Min
 Max of Signal: 45541 (3296)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4 π
 CCD Integration Time: 157.86 ms

Condition: $T_x=30.3^\circ C$, $T_i=29.2^\circ C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2024-04-03 11:28:51
 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	0.0009	0.0884	525	0.3616	35.5032	670	0.0767	7.5340
385	0.0020	0.1972	530	0.3764	36.9478	675	0.0664	6.5187
390	0.0062	0.6090	535	0.3856	37.8556	680	0.0568	5.5720
395	0.0015	0.1502	540	0.3920	38.4871	685	0.0511	5.0140
400	0.0013	0.1276	545	0.3950	38.7826	690	0.0438	4.3039
405	0.0031	0.3035	550	0.3930	38.5805	695	0.0391	3.8362
410	0.0097	0.9491	555	0.3961	38.8857	700	0.0341	3.3445
415	0.0238	2.3372	560	0.3960	38.8729	705	0.0295	2.8929
420	0.0550	5.4007	565	0.3946	38.7398	710	0.0263	2.5855
425	0.1163	11.4215	570	0.3903	38.3211	715	0.0227	2.2238
430	0.2198	21.5769	575	0.3850	37.7967	720	0.0182	1.7897
435	0.3918	38.4610	580	0.3768	36.9943	725	0.0166	1.6339
440	0.6850	67.2484	585	0.3633	35.6669	730	0.0145	1.4249
445	0.9777	95.9840	590	0.3510	34.4572	735	0.0122	1.1937
450	0.8853	86.9112	595	0.3357	32.9567	740	0.0096	0.9405
455	0.5522	54.2080	600	0.3183	31.2475	745	0.0097	0.9498
460	0.3749	36.8056	605	0.2993	29.3857	750	0.0069	0.6726
465	0.2597	25.4964	610	0.2795	27.4424	755	0.0075	0.7388
470	0.1640	16.0975	615	0.2584	25.3652	760	0.0079	0.7741
475	0.1198	11.7604	620	0.2374	23.3032	765	0.0038	0.3724
480	0.1007	9.8859	625	0.2168	21.2868	770	0.0030	0.2972
485	0.0956	9.3891	630	0.1962	19.2601	775	0.0067	0.6536
490	0.1098	10.7836	635	0.1766	17.3414	780	0.0033	0.3250
495	0.1395	13.6971	640	0.1586	15.5659	785	0.0030	0.2911
500	0.1799	17.6568	645	0.1419	13.9262	790	0.0037	0.3679
505	0.2252	22.1099	650	0.1256	12.3308	795	0.0047	0.4581
510	0.2709	26.5911	655	0.1123	11.0244	800	0.0051	0.4983
515	0.3099	30.4198	660	0.0990	9.7148			
520	0.3404	33.4167	665	0.0878	8.6173			

Condition: Tx:30.3'C, Ti:29.2'C, R.H.:60%
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