

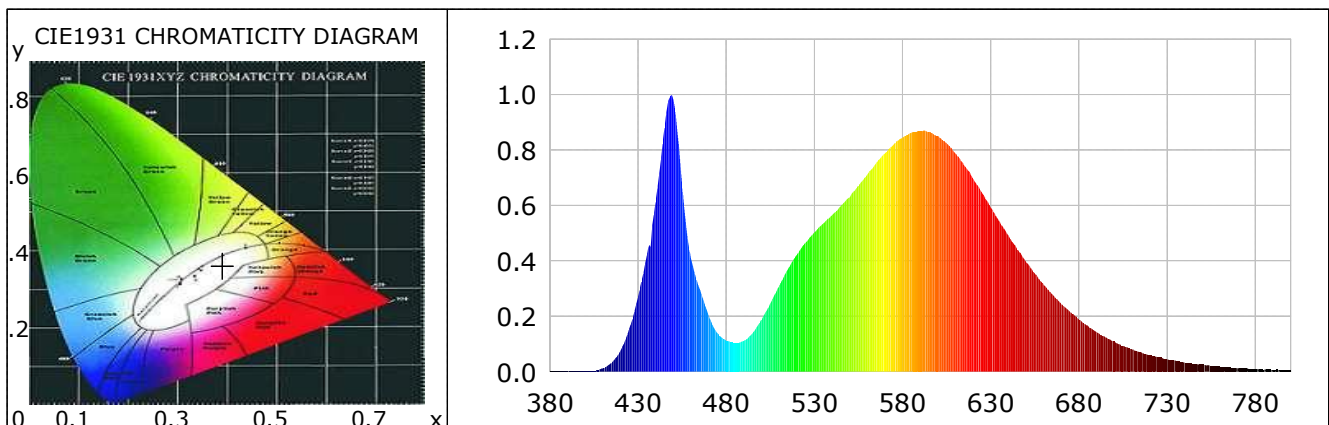
Lightsource Test Report (1/2)

Product Infomation

Product Type: 54-30-D-WA-WHITE&AMBER Product Number: 54-30-D-WA-WHITE&AMBER

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3910$ $y=0.3634$ $u(u')=0.2377$ $v=0.3314$ $v'=0.4971$
 CCT: $T_c=3606K$ ($duv=-0.00923$) Color Ratio: $R=0.190$ $G=0.786$ $B=0.024$
 Peak Wavelength: 448.7nm Half Bandwidth: 20.0nm
 Dominant Wavelength: 586.2nm Color Purity: 0.264
 CRI: $R_a=74.1$ TM30: $R_f=69$, $R_g=97$
 $R_1=72$ $R_2=82$ $R_3=89$ $R_4=71$ $R_5=72$ $R_6=74$ $R_7=79$ $R_8=53$
 $R_9=-17$ $R_{10}=57$ $R_{11}=66$ $R_{12}=52$ $R_{13}=74$ $R_{14}=93$ $R_{15}=68$
 Color Quality Scale: $Q_a=71.0$, $Q_f=69.1$, $Q_p=75.9$, $Q_g=94.6$
 $Q_1=75$ $Q_2=95$ $Q_3=62$ $Q_4=59$ $Q_5=69$ $Q_6=71$ $Q_7=73$ $Q_8=81$
 $Q_9=93$ $Q_{10}=75$ $Q_{11}=69$ $Q_{12}=68$ $Q_{13}=71$ $Q_{14}=63$ $Q_{15}=67$



Photometric Parameters

Luminous Flux: 7595.25 lm Efficiency: 47.28 lm/W Radiant Power: 23.018 W
 EEI: 0.29 Energy Efficiency Class: B (EU 874-2012)

Electric Parameters

Voltage: 12.82V Current: 12.5300A Power: 160.64W
 Power Factor: 1.0000 Frequency: 0.00Hz

Test Infomation

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 20 Sec Photometric Condition: Sphere diameter: 1.50m, 4π
 Max of Signal: 44804 (3028) CCD Integration Time: 61.85 ms

Condition: $T_x=28.8^\circ C$, $T_i=27.8^\circ C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2022-03-12 11:31:03
 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	0.0017	0.2776	525	0.4669	78.2747	670	0.2449	41.0527
385	0.0018	0.3046	530	0.5031	84.3470	675	0.2159	36.1887
390	0.0036	0.6073	535	0.5357	89.8016	680	0.1892	31.7113
395	0.0020	0.3396	540	0.5663	94.9305	685	0.1653	27.7187
400	0.0014	0.2344	545	0.6002	100.6122	690	0.1431	23.9913
405	0.0045	0.7627	550	0.6297	105.5591	695	0.1250	20.9474
410	0.0128	2.1541	555	0.6729	112.8024	700	0.1083	18.1498
415	0.0333	5.5797	560	0.7128	119.5002	705	0.0938	15.7192
420	0.0765	12.8281	565	0.7542	126.4332	710	0.0810	13.5829
425	0.1567	26.2695	570	0.7893	132.3280	715	0.0701	11.7530
430	0.2706	45.3557	575	0.8220	137.8073	720	0.0603	10.1136
435	0.4255	71.3389	580	0.8457	141.7773	725	0.0522	8.7563
440	0.6218	104.2334	585	0.8644	144.9020	730	0.0457	7.6619
445	0.8896	149.1310	590	0.8676	145.4491	735	0.0390	6.5372
450	0.9804	164.3554	595	0.8671	145.3629	740	0.0334	5.6031
455	0.6635	111.2329	600	0.8497	142.4533	745	0.0285	4.7861
460	0.4063	68.1049	605	0.8244	138.1967	750	0.0256	4.2996
465	0.2969	49.7721	610	0.7877	132.0473	755	0.0216	3.6150
470	0.2006	33.6224	615	0.7443	124.7725	760	0.0195	3.2643
475	0.1387	23.2473	620	0.6954	116.5815	765	0.0154	2.5788
480	0.1132	18.9847	625	0.6462	108.3305	770	0.0123	2.0623
485	0.1050	17.5969	630	0.5924	99.3147	775	0.0132	2.2062
490	0.1124	18.8430	635	0.5413	90.7381	780	0.0100	1.6709
495	0.1417	23.7466	640	0.4903	82.2021	785	0.0079	1.3276
500	0.1899	31.8327	645	0.4420	74.0988	790	0.0069	1.1537
505	0.2471	41.4179	650	0.3959	66.3651	795	0.0063	1.0626
510	0.3108	52.0977	655	0.3528	59.1522	800	0.0060	1.0070
515	0.3713	62.2395	660	0.3140	52.6464			
520	0.4241	71.0904	665	0.2782	46.6391			

Condition: Tx:28.8'C, Ti:27.8'C, R.H.:60%
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