

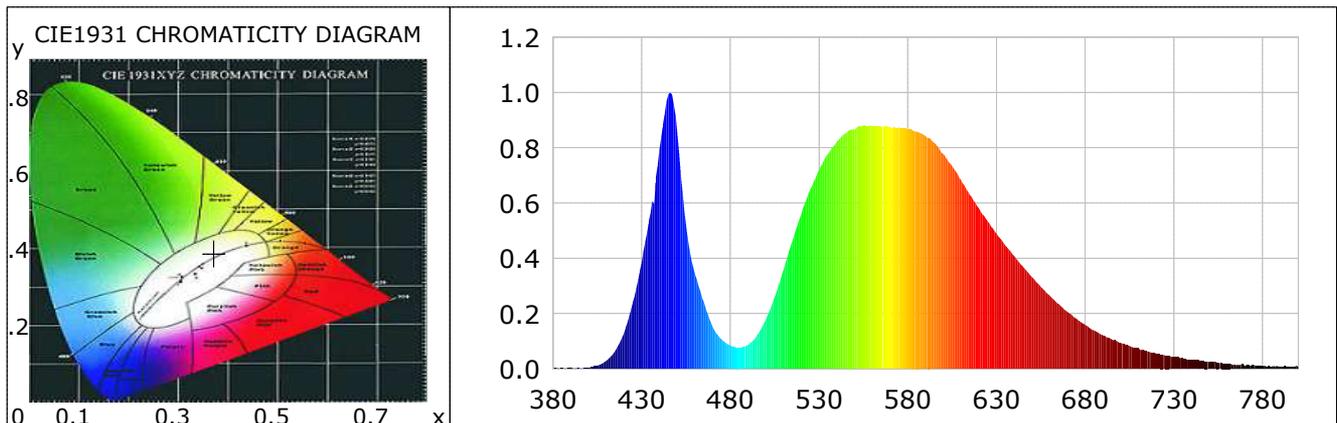
Lightsource Test Report (1/2)

Product Infomation

Product Type: GT1505-D-WY-WHITE&YELLOW Product Spec: GT1505-D-WY-WHITE&YELLOW
Buyer:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3715$ $y=0.3883$ $u(u')=0.2148$ $v=0.3368$ $v'=0.5053$
CCT: $T_c=4323K$ ($duv=0.00806$) Color Ratio: $R=0.146$ $G=0.836$ $B=0.019$
Peak Wavelength: 446.0nm Half Bandwidth: 22.2nm
Dominant Wavelength: 573.7nm Color Purity: 0.280
CRI: $R_a=65.2$ TM30: $R_f=65$, $R_g=92$
 $R1=61$ $R2=70$ $R3=77$ $R4=66$ $R5=61$ $R6=58$ $R7=78$ $R8=49$
 $R9=-50$ $R10=30$ $R11=59$ $R12=28$ $R13=62$ $R14=87$ $R15=55$
Color Quality Scale: $Q_a=68.3$, $Q_f=68.2$, $Q_p=69.4$, $Q_g=86.8$
 $Q1=73$ $Q2=95$ $Q3=62$ $Q4=57$ $Q5=65$ $Q6=65$ $Q7=68$ $Q8=81$
 $Q9=91$ $Q10=73$ $Q11=69$ $Q12=70$ $Q13=71$ $Q14=54$ $Q15=61$



Photometric Parameters

Luminous Flux: 3964.58 lm Efficiency: 91.77 lm/W Radiant Power: 11.086 W
EEI: 0.15 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 12.00V Current: 3.6000A Power: 43.20W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Infomation

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 15 Sec Photometric Condition: Sphere diameter: 1.50m, 4T
Max of Signal: 45511 (2949) CCD Integration Time: 200.54 ms

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	0.1079	525	0.6496	50.6311	670	0.2063	16.0797
385	0.0026	0.2038	530	0.7194	56.0656	675	0.1816	14.1529
390	0.0061	0.4736	535	0.7777	60.6099	680	0.1590	12.3885
395	0.0025	0.1975	540	0.8221	64.0734	685	0.1392	10.8472
400	0.0044	0.3396	545	0.8543	66.5826	690	0.1219	9.5041
405	0.0114	0.8882	550	0.8647	67.3970	695	0.1073	8.3630
410	0.0291	2.2688	555	0.8787	68.4857	700	0.0942	7.3445
415	0.0643	5.0138	560	0.8781	68.4410	705	0.0825	6.4284
420	0.1293	10.0769	565	0.8774	68.3807	710	0.0736	5.7382
425	0.2399	18.7006	570	0.8744	68.1469	715	0.0646	5.0386
430	0.3856	30.0558	575	0.8741	68.1263	720	0.0554	4.3205
435	0.5696	44.3931	580	0.8660	67.4948	725	0.0478	3.7221
440	0.7921	61.7393	585	0.8586	66.9190	730	0.0430	3.3503
445	0.9933	77.4170	590	0.8426	65.6682	735	0.0380	2.9595
450	0.8578	66.8523	595	0.8184	63.7850	740	0.0324	2.5262
455	0.5157	40.1894	600	0.7775	60.5990	745	0.0284	2.2139
460	0.3434	26.7676	605	0.7337	57.1838	750	0.0237	1.8439
465	0.2412	18.8009	610	0.6832	53.2506	755	0.0224	1.7426
470	0.1526	11.8934	615	0.6292	49.0390	760	0.0201	1.5640
475	0.1065	8.2985	620	0.5815	45.3203	765	0.0135	1.0500
480	0.0845	6.5893	625	0.5343	41.6467	770	0.0114	0.8905
485	0.0761	5.9284	630	0.4883	38.0578	775	0.0142	1.1057
490	0.0878	6.8400	635	0.4463	34.7833	780	0.0096	0.7510
495	0.1217	9.4833	640	0.4082	31.8138	785	0.0074	0.5803
500	0.1800	14.0294	645	0.3684	28.7117	790	0.0073	0.5685
505	0.2612	20.3552	650	0.3324	25.9099	795	0.0074	0.5778
510	0.3616	28.1808	655	0.2958	23.0510	800	0.0069	0.5351
515	0.4634	36.1191	660	0.2648	20.6382			
520	0.5616	43.7718	665	0.2352	18.3289			

Condition: Tx:26.3°C, Ti:24.0°C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2025-11-14 13:41:29
 Inspector: