

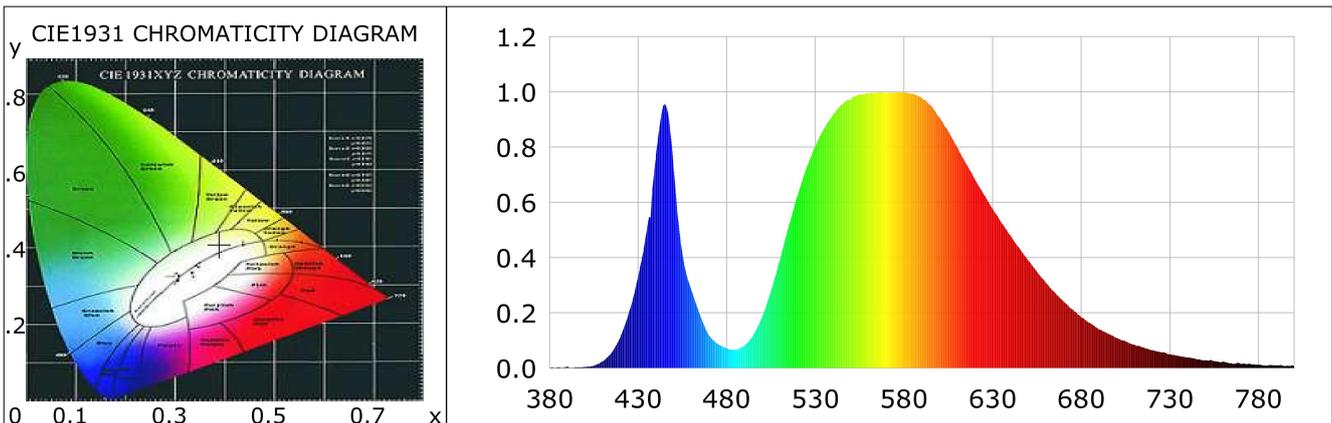
Lightsource Test Report (1/2)

Product Infomation

Product Type: GT1510-D-WY-WHITE&YELLOW Product Number: GT1510-D-WY-WHITE&YELLOW

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3892$ $y=0.4104$ $u(u')=0.2179$ $v=0.3446$ $v'=0.5168$
 CCT: $T_c=4008K$ ($duv=0.01248$) Color Ratio: $R=0.151$ $G=0.834$ $B=0.015$
 Peak Wavelength: 576.6nm Half Bandwidth: 123.5nm
 Dominant Wavelength: 574.2nm Color Purity: 0.400
 CRI: $R_a=64.0$ TM30: $R_f=65$, $R_g=91$
 $R_1=59$ $R_2=69$ $R_3=78$ $R_4=65$ $R_5=59$ $R_6=57$ $R_7=79$ $R_8=46$
 $R_9=-56$ $R_{10}=28$ $R_{11}=57$ $R_{12}=24$ $R_{13}=60$ $R_{14}=87$ $R_{15}=52$
 Color Quality Scale: $Q_a=68.7$, $Q_f=69.3$, $Q_p=68.0$, $Q_g=84.9$
 $Q_1=70$ $Q_2=96$ $Q_3=65$ $Q_4=60$ $Q_5=65$ $Q_6=63$ $Q_7=67$ $Q_8=80$
 $Q_9=92$ $Q_{10}=75$ $Q_{11}=71$ $Q_{12}=72$ $Q_{13}=72$ $Q_{14}=52$ $Q_{15}=59$



Photometric Parameters

Luminous Flux: 4475.22 lm Efficiency: 67.81 lm/W Radiant Power: 12.061 W
 EEI: 0.20 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 12.00V Current: 5.5000A Power: 66.00W
 Power Factor: 0.0000 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: 45257 (2891) CCD Integration Time: 188.93 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	0.0016	0.1211	525	0.7240	56.1881	670	0.2406	18.6742
385	0.0023	0.1813	530	0.8035	62.3544	675	0.2128	16.5158
390	0.0058	0.4532	535	0.8674	67.3159	680	0.1837	14.2561
395	0.0029	0.2287	540	0.9185	71.2845	685	0.1631	12.6571
400	0.0038	0.2978	545	0.9558	74.1787	690	0.1407	10.9207
405	0.0090	0.6975	550	0.9689	75.1910	695	0.1257	9.7583
410	0.0249	1.9292	555	0.9902	76.8439	700	0.1095	8.4961
415	0.0565	4.3810	560	0.9941	77.1508	705	0.0977	7.5846
420	0.1136	8.8138	565	0.9980	77.4479	710	0.0855	6.6323
425	0.2051	15.9204	570	0.9981	77.4608	715	0.0755	5.8618
430	0.3286	25.5018	575	0.9976	77.4193	720	0.0659	5.1117
435	0.5047	39.1669	580	0.9984	77.4824	725	0.0576	4.4676
440	0.7687	59.6524	585	0.9946	77.1835	730	0.0510	3.9613
445	0.9574	74.2979	590	0.9770	75.8188	735	0.0443	3.4400
450	0.7252	56.2827	595	0.9516	73.8461	740	0.0384	2.9807
455	0.4108	31.8788	600	0.9084	70.4946	745	0.0334	2.5937
460	0.2833	21.9868	605	0.8572	66.5204	750	0.0283	2.1996
465	0.1905	14.7869	610	0.8006	62.1294	755	0.0253	1.9651
470	0.1187	9.2116	615	0.7401	57.4386	760	0.0244	1.8901
475	0.0877	6.8030	620	0.6831	53.0163	765	0.0173	1.3402
480	0.0720	5.5842	625	0.6298	48.8734	770	0.0145	1.1289
485	0.0665	5.1594	630	0.5766	44.7474	775	0.0163	1.2659
490	0.0828	6.4268	635	0.5262	40.8351	780	0.0117	0.9117
495	0.1210	9.3926	640	0.4805	37.2904	785	0.0087	0.6779
500	0.1859	14.4262	645	0.4340	33.6824	790	0.0101	0.7829
505	0.2794	21.6849	650	0.3900	30.2691	795	0.0076	0.5927
510	0.3936	30.5431	655	0.3485	27.0419	800	0.0068	0.5260
515	0.5145	39.9267	660	0.3088	23.9633			
520	0.6270	48.6605	665	0.2744	21.2960			

Condition: Tx:25.6°C, Ti:24.9°C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2025-12-02 08:59:15
 Inspector: