

## Lightsource Test Report (1/2)

### Product Infomation

Product Type: GT1505-D-WY-WHITE

Product Spec: GT1505-D-WY-WHITE

Buyer:

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3122$   $y=0.3243$   $u(u')=0.1992$   $v=0.3105$   $v'=0.4657$

CCT:  $T_c=6574K$  ( $duv=0.00106$ )

Color Ratio:  $R=0.119$   $G=0.849$   $B=0.032$

Peak Wavelength: 444.7nm

Half Bandwidth: 19.3nm

Dominant Wavelength: 486.1nm

Color Purity: 0.078

CRI:  $R_a=68.2$

TM30:  $R_f=63$ ,  $R_g=95$

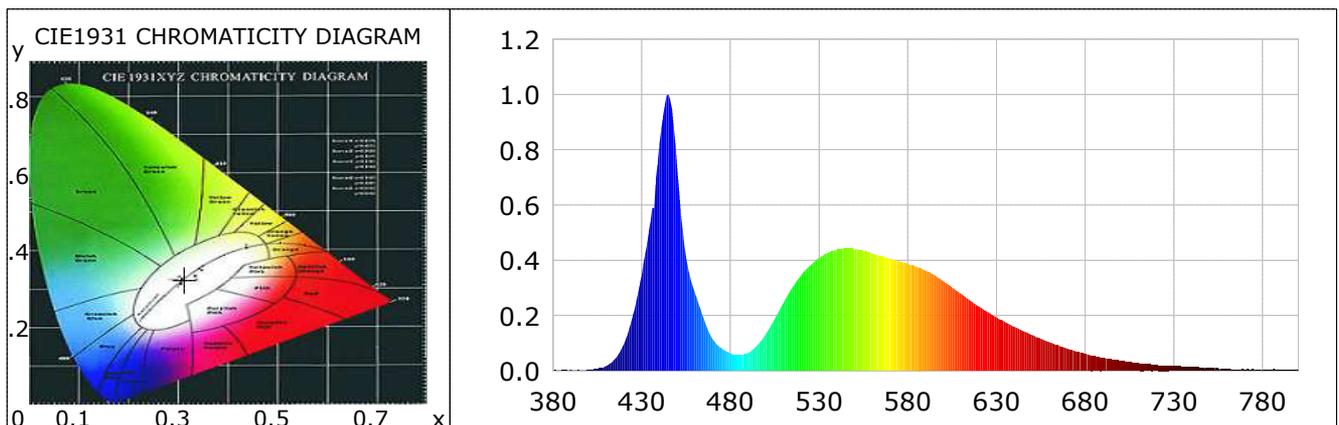
$R_1=69$   $R_2=70$   $R_3=69$   $R_4=71$   $R_5=70$   $R_6=61$   $R_7=76$   $R_8=61$

$R_9=-31$   $R_{10}=27$   $R_{11}=70$   $R_{12}=38$   $R_{13}=67$   $R_{14}=82$   $R_{15}=64$

Color Quality Scale:  $Q_a=68.1$ ,  $Q_f=65.8$ ,  $Q_p=74.2$ ,  $Q_g=90.6$

$Q_1=81$   $Q_2=89$   $Q_3=58$   $Q_4=54$   $Q_5=67$   $Q_6=71$   $Q_7=75$   $Q_8=87$

$Q_9=85$   $Q_{10}=66$   $Q_{11}=60$   $Q_{12}=64$   $Q_{13}=69$   $Q_{14}=58$   $Q_{15}=68$



### Photometric Parameters

Luminous Flux: 2160.11 lm  
EEI: 0.14

Efficiency: 100.01 lm/W

Radiant Power: 6.785 W

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

### Electric Parameters

Voltage: 12.00V

Current: 1.8000A

Power: 21.60W

Power Factor: 1.0000

Frequency: 0.00Hz

### Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 15 Sec

Max of Signal: 45289 (2925)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4T

CCD Integration Time: 186.31 ms

Condition:  $T_x=26.3^\circ C$ ,  $T_i=24.0^\circ C$ , R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2025-11-14 13:39:21

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	0.0014	0.1177	525	0.3805	32.6700	670	0.0798	6.8511
385	0.0023	0.1998	530	0.4085	35.0734	675	0.0694	5.9582
390	0.0053	0.4585	535	0.4275	36.7044	680	0.0610	5.2380
395	0.0025	0.2142	540	0.4396	37.7505	685	0.0542	4.6570
400	0.0027	0.2321	545	0.4437	38.1017	690	0.0469	4.0243
405	0.0061	0.5249	550	0.4380	37.6057	695	0.0415	3.5630
410	0.0177	1.5195	555	0.4340	37.2637	700	0.0360	3.0874
415	0.0433	3.7202	560	0.4249	36.4872	705	0.0330	2.8347
420	0.0978	8.3966	565	0.4158	35.7056	710	0.0281	2.4156
425	0.1996	17.1360	570	0.4051	34.7849	715	0.0254	2.1833
430	0.3468	29.7797	575	0.3969	34.0814	720	0.0215	1.8443
435	0.5465	46.9224	580	0.3871	33.2417	725	0.0187	1.6017
440	0.8198	70.3962	585	0.3767	32.3459	730	0.0170	1.4574
445	1.0000	85.8654	590	0.3628	31.1502	735	0.0143	1.2313
450	0.7349	63.1066	595	0.3465	29.7481	740	0.0118	1.0127
455	0.4090	35.1173	600	0.3244	27.8578	745	0.0109	0.9342
460	0.2814	24.1641	605	0.3008	25.8254	750	0.0082	0.7024
465	0.1875	16.1022	610	0.2792	23.9717	755	0.0081	0.6992
470	0.1148	9.8607	615	0.2545	21.8562	760	0.0078	0.6689
475	0.0826	7.0942	620	0.2331	20.0118	765	0.0043	0.3679
480	0.0639	5.4850	625	0.2132	18.3031	770	0.0036	0.3126
485	0.0565	4.8515	630	0.1939	16.6496	775	0.0065	0.5581
490	0.0658	5.6512	635	0.1768	15.1796	780	0.0031	0.2636
495	0.0918	7.8861	640	0.1599	13.7293	785	0.0030	0.2600
500	0.1336	11.4755	645	0.1443	12.3890	790	0.0040	0.3415
505	0.1879	16.1345	650	0.1301	11.1676	795	0.0027	0.2284
510	0.2475	21.2509	655	0.1163	9.9872	800	0.0036	0.3095
515	0.3019	25.9260	660	0.1039	8.9195			
520	0.3474	29.8295	665	0.0919	7.8930			

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 13:39:21  
 Inspector: