

## Lightsource Test Report (1/2)

### Product Information

Product Type: GT1507-D-WY-YELLOW

Product Spec: GT1507-D-WY-YELLOW

Buyer:

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4703$   $y=0.5049$   $u(u')=0.2317$   $v=0.3732$   $v'=0.5597$

CCT:  $T_c=3194K$  ( $duv=0.03081$ )

Color Ratio:  $R=0.169$   $G=0.828$   $B=0.002$

Peak Wavelength: 585.0nm

Half Bandwidth: 119.6nm

Dominant Wavelength: 575.3nm

Color Purity: 0.928

CRI:  $R_a=57.6$

TM30:  $R_f=55$ ,  $R_g=58$

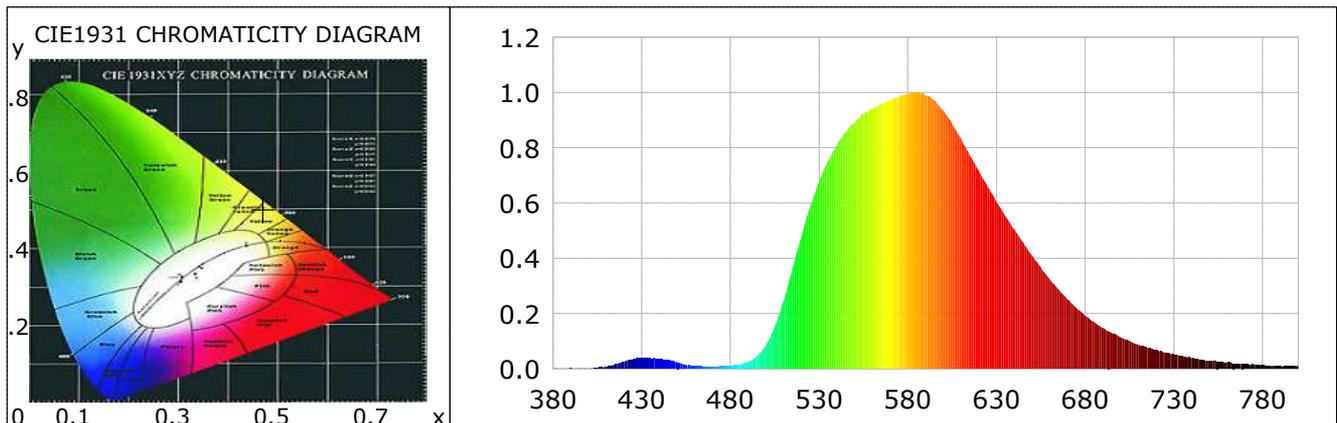
$R_1=52$   $R_2=64$   $R_3=75$   $R_4=51$   $R_5=48$   $R_6=51$   $R_7=82$   $R_8=37$

$R_9=-75$   $R_{10}=19$   $R_{11}=33$   $R_{12}=10$   $R_{13}=52$   $R_{14}=87$   $R_{15}=41$

Color Quality Scale:  $Q_a=21.3$ ,  $Q_f=25.5$ ,  $Q_p=8.5$ ,  $Q_g=36.8$

$Q_1=62$   $Q_2=56$   $Q_3=46$   $Q_4=53$   $Q_5=59$   $Q_6=58$   $Q_7=36$   $Q_8=15$

$Q_9=3$   $Q_{10}=0$   $Q_{11}=1$   $Q_{12}=5$   $Q_{13}=25$   $Q_{14}=30$   $Q_{15}=57$



### Photometric Parameters

Luminous Flux: 3938.14 lm  
EEI: 0.13

Efficiency: 105.86 lm/W

Radiant Power: 9.305 W

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

### Electric Parameters

Voltage: 12.00V

Current: 3.1000A

Power: 37.20W

Power Factor: 1.0000

Frequency: 0.00Hz

### Test Information

Scan Range: 380~800:1nm

Stabilization Time: 15 Sec

Max of Signal: 45405 (2954)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4T

CCD Integration Time: 202.07 ms

Condition:  $T_x=26.3^{\circ}C$ ,  $T_i=23.8^{\circ}C$ , R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2025-11-14 13:47:48

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	0.0005	0.0353	525	0.5871	43.2192	670	0.2519	18.5426
385	0.0011	0.0811	530	0.6772	49.8486	675	0.2200	16.1957
390	0.0052	0.3835	535	0.7509	55.2777	680	0.1927	14.1873
395	0.0012	0.0865	540	0.8104	59.6532	685	0.1702	12.5272
400	0.0010	0.0724	545	0.8584	63.1853	690	0.1483	10.9197
405	0.0027	0.1962	550	0.8863	65.2426	695	0.1303	9.5931
410	0.0077	0.5698	555	0.9195	67.6835	700	0.1141	8.3985
415	0.0165	1.2163	560	0.9392	69.1361	705	0.1013	7.4544
420	0.0262	1.9293	565	0.9590	70.5916	710	0.0872	6.4220
425	0.0347	2.5526	570	0.9702	71.4195	715	0.0777	5.7187
430	0.0379	2.7921	575	0.9857	72.5612	720	0.0673	4.9561
435	0.0375	2.7585	580	0.9940	73.1695	725	0.0589	4.3380
440	0.0343	2.5249	585	1.0000	73.6105	730	0.0525	3.8637
445	0.0325	2.3949	590	0.9898	72.8601	735	0.0455	3.3467
450	0.0239	1.7597	595	0.9733	71.6438	740	0.0388	2.8563
455	0.0145	1.0709	600	0.9344	68.7839	745	0.0333	2.4503
460	0.0098	0.7200	605	0.8862	65.2344	750	0.0289	2.1252
465	0.0076	0.5631	610	0.8325	61.2791	755	0.0263	1.9373
470	0.0082	0.6045	615	0.7704	56.7083	760	0.0259	1.9070
475	0.0082	0.6023	620	0.7163	52.7258	765	0.0167	1.2285
480	0.0098	0.7204	625	0.6598	48.5655	770	0.0171	1.2605
485	0.0149	1.0959	630	0.6034	44.4152	775	0.0168	1.2403
490	0.0255	1.8769	635	0.5530	40.7044	780	0.0133	0.9759
495	0.0461	3.3964	640	0.5059	37.2371	785	0.0094	0.6953
500	0.0861	6.3343	645	0.4569	33.6299	790	0.0116	0.8563
505	0.1533	11.2818	650	0.4101	30.1840	795	0.0094	0.6910
510	0.2483	18.2741	655	0.3667	26.9937	800	0.0089	0.6569
515	0.3621	26.6556	660	0.3245	23.8841			
520	0.4795	35.2970	665	0.2874	21.1582			

Condition: Tx:26.3°C, Ti:23.8°C, R.H.:60%  
Test Lab:  
Operator:

Test Device: Inventfine CMS-2S (Plus)  
Test Time: 2025-11-14 13:47:48  
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