

Lightsource Test Report (1/2)

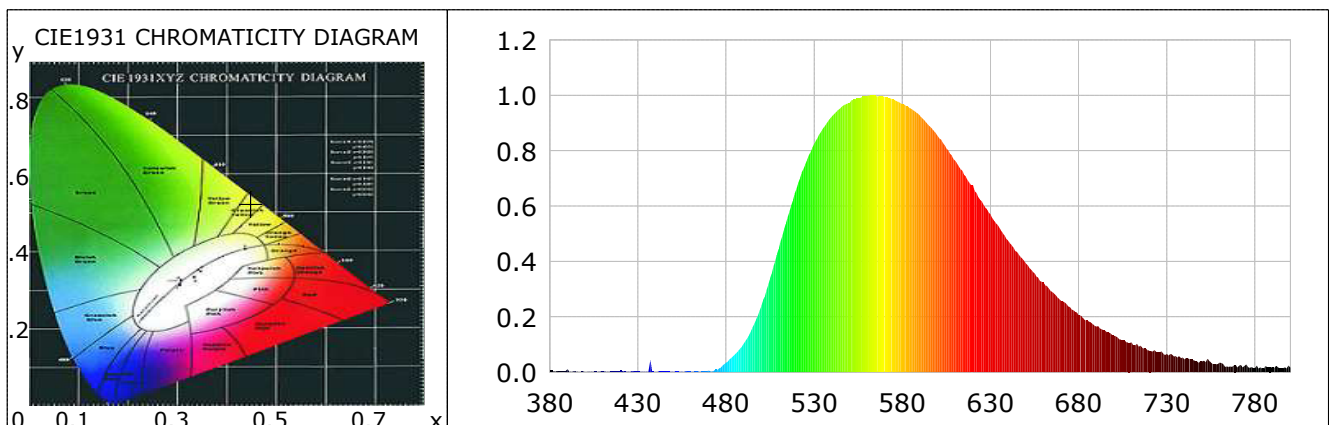
Product Infomation

Product Type: 3045-20W-D-Y

Product Number: 6

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4493$ $y=0.5275$ $u(u')=0.2132$ $v=0.3754$ $v'=0.5631$
 CCT: $T_c=3596K$ ($duv=0.04112$) Color Ratio: $R=0.148$ $G=0.846$ $B=0.006$
 Peak Wavelength: 561.1nm Half Bandwidth: 125.0nm
 Dominant Wavelength: 571.9nm Color Purity: 0.933
 CRI: $R_a=44.4$ TM30: $R_f=28$, $R_g=34$
 $R_1=52$ $R_2=55$ $R_3=50$ $R_4=21$ $R_5=48$ $R_6=49$ $R_7=49$ $R_8=32$
 $R_9=-73$ $R_{10}=8$ $R_{11}=-0$ $R_{12}=19$ $R_{13}=51$ $R_{14}=75$ $R_{15}=38$
 Color Quality Scale: $Q_a=8.0$, $Q_f=11.3$, $Q_p=1.3$, $Q_g=23.6$
 $Q_1=36$ $Q_2=17$ $Q_3=29$ $Q_4=59$ $Q_5=69$ $Q_6=45$ $Q_7=7$ $Q_8=1$
 $Q_9=0$ $Q_{10}=0$ $Q_{11}=0$ $Q_{12}=2$ $Q_{13}=22$ $Q_{14}=34$ $Q_{15}=60$



Photometric Parameters

Luminous Flux: 1229.54 lm
EEI: 0.13

Efficiency: 106.73 lm/W
Energy Efficiency Class: A+ (EU 874-2012)

Radiant Power: 2.882 W

Electric Parameters

Voltage: 12.80V
Power Factor: 0.0000

Current: 0.9000A
Frequency: 0.00Hz

Power: 11.52W

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 20 Sec
Max of Signal: 44790 (3751)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4T
CCD Integration Time: 678.42 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	0.0053	0.1152	525	0.7513	16.2274	670	0.2572	5.5562
385	0.0030	0.0647	530	0.8249	17.8177	675	0.2352	5.0798
390	0.0107	0.2318	535	0.8804	19.0149	680	0.2049	4.4249
395	0.0034	0.0736	540	0.9237	19.9507	685	0.1853	4.0016
400	0.0011	0.0240	545	0.9557	20.6421	690	0.1653	3.5701
405	0.0031	0.0666	550	0.9712	20.9767	695	0.1509	3.2582
410	0.0032	0.0698	555	0.9889	21.3584	700	0.1320	2.8507
415	0.0035	0.0754	560	0.9968	21.5286	705	0.1166	2.5179
420	0.0047	0.1010	565	0.9981	21.5573	710	0.1078	2.3276
425	0.0015	0.0324	570	0.9940	21.4684	715	0.0965	2.0846
430	0.0026	0.0559	575	0.9851	21.2775	720	0.0785	1.6964
435	0.0018	0.0384	580	0.9686	20.9202	725	0.0727	1.5698
440	0.0011	0.0244	585	0.9519	20.5597	730	0.0662	1.4290
445	0.0030	0.0655	590	0.9255	19.9906	735	0.0594	1.2830
450	0.0016	0.0353	595	0.8913	19.2504	740	0.0458	0.9898
455	0.0024	0.0512	600	0.8522	18.4070	745	0.0440	0.9513
460	0.0034	0.0739	605	0.8090	17.4736	750	0.0382	0.8250
465	0.0014	0.0298	610	0.7634	16.4878	755	0.0347	0.7498
470	0.0069	0.1482	615	0.7139	15.4188	760	0.0350	0.7570
475	0.0089	0.1915	620	0.6761	14.6027	765	0.0193	0.4165
480	0.0337	0.7287	625	0.6177	13.3416	770	0.0164	0.3542
485	0.0644	1.3907	630	0.5691	12.2910	775	0.0283	0.6107
490	0.1047	2.2616	635	0.5226	11.2868	780	0.0141	0.3045
495	0.1613	3.4830	640	0.4749	10.2574	785	0.0126	0.2721
500	0.2401	5.1857	645	0.4343	9.3798	790	0.0156	0.3365
505	0.3396	7.3356	650	0.3934	8.4970	795	0.0152	0.3275
510	0.4502	9.7236	655	0.3572	7.7150	800	0.0153	0.3304
515	0.5605	12.1057	660	0.3258	7.0375			
520	0.6645	14.3531	665	0.2897	6.2576			

Condition: Tx:30.1'C, Ti:29.2'C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2023-09-08 15:16:54
 Inspector: