

Lightsource Test Report (1/2)

Product Information

Product Number: 2

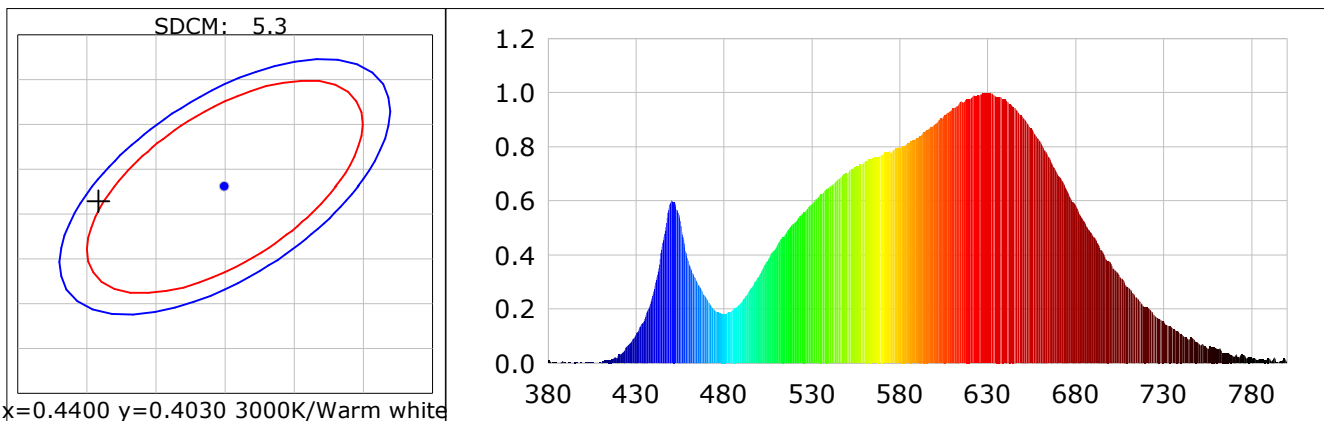
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4309$ $y=0.4014$ $u(u')=0.2478$ $v=0.3463$ $v'(v')=0.5194$
 CCT: $T_c=3083K$ ($duv=-0.00020$) Color Ratio: $R=0.235$ $G=0.739$ $B=0.025$
 Peak Wavelength: 631.9nm Half Bandwidth: 170.0nm
 Dominant Wavelength: 582.5nm Color Purity: 0.498
 CRI: $R_a=91.2$

R1 =92	R2 =93	R3 =91	R4 =92	R5 =90	R6 =89	R7 =94	R8 =87
R9 =68	R10=82	R11=91	R12=73	R13=92	R14=94	R15=91	

 Color Quality Scale: $Q_a=89.2$, $Q_f=89.7$, $Q_p=92.4$, $Q_g=98.8$

Q1 =91	Q2 =97	Q3 =83	Q4 =84	Q5 =88	Q6 =88	Q7 =87	Q8 =91
Q9 =95	Q10=90	Q11=90	Q12=91	Q13=93	Q14=89	Q15=90	



Photometric Parameters

Luminous Flux: 1780.34 lm Efficiency: 50.61 lm/W Radiant Power: 6.238 W
 EEI: 0.27 Energy Efficiency Class: B (EU 874-2012)

Electric Parameters

Voltage: 220.30V Current: 0.1650A Power: 35.18W
 Power Factor: 0.9690 Frequency: 49.99Hz

BIN: OUT :

Test Information

Scan Range: 380~800:1nm Stabilization Time: 0 Sec Max of Signal: 43235 (5631)	Photometric Method: sphere-spectroradiometer Photometric Condition: Sphere diameter: 2.00m, 4T CCD Integration Time: 906.02 ms
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Condition: $T_x=34.1^\circ C$, $T_i=32.0^\circ C$, R.H.:60%
 Test Lab: IDEUS
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time: 2019-07-23 11:13:46
 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	0.0103	0.3566	525	0.5588	19.3742	670	0.6972	24.1703
385	0.0038	0.1303	530	0.5908	20.4845	675	0.6401	22.1925
390	0.0027	0.0952	535	0.6257	21.6939	680	0.5827	20.2034
395	0.0057	0.1991	540	0.6540	22.6733	685	0.5216	18.0831
400	0.0018	0.0626	545	0.6820	23.6462	690	0.4687	16.2502
405	0.0048	0.1655	550	0.7028	24.3662	695	0.4188	14.5195
410	0.0041	0.1422	555	0.7280	25.2411	700	0.3701	12.8298
415	0.0134	0.4654	560	0.7493	25.9781	705	0.3239	11.2292
420	0.0357	1.2385	565	0.7616	26.4034	710	0.2819	9.7739
425	0.0649	2.2499	570	0.7736	26.8224	715	0.2431	8.4276
430	0.1125	3.9019	575	0.7784	26.9883	720	0.2097	7.2696
435	0.1711	5.9330	580	0.7972	27.6390	725	0.1757	6.0924
440	0.2666	9.2419	585	0.8154	28.2702	730	0.1579	5.4745
445	0.4465	15.4820	590	0.8340	28.9149	735	0.1289	4.4698
450	0.6043	20.9514	595	0.8633	29.9297	740	0.1101	3.8189
455	0.5289	18.3365	600	0.8866	30.7396	745	0.0953	3.3031
460	0.3693	12.8027	605	0.9199	31.8920	750	0.0749	2.5970
465	0.2956	10.2484	610	0.9421	32.6639	755	0.0543	1.8827
470	0.2409	8.3518	615	0.9706	33.6503	760	0.0553	1.9167
475	0.1941	6.7293	620	0.9795	33.9608	765	0.0387	1.3402
480	0.1868	6.4771	625	0.9907	34.3485	770	0.0241	0.8352
485	0.1990	6.9001	630	0.9973	34.5768	775	0.0342	1.1861
490	0.2293	7.9499	635	0.9864	34.1982	780	0.0232	0.8048
495	0.2766	9.5909	640	0.9755	33.8211	785	0.0145	0.5039
500	0.3265	11.3199	645	0.9481	32.8724	790	0.0195	0.6764
505	0.3835	13.2963	650	0.9100	31.5505	795	0.0030	0.1036
510	0.4359	15.1119	655	0.8695	30.1457	800	0.0018	0.0613
515	0.4799	16.6380	660	0.8181	28.3621			
520	0.5196	18.0154	665	0.7615	26.4006			