

Lightsource Test Report (1/2)

Product Information

Product Number: 1

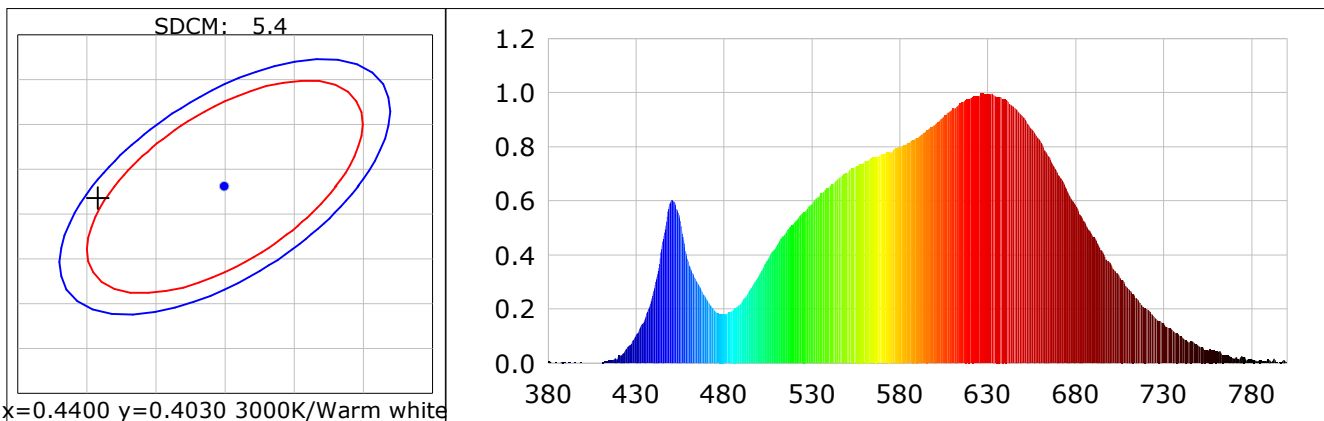
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4308$ $y=0.4017$ $u(u')=0.2476$ $v=0.3464$ $v'(v')=0.5195$
 CCT: $T_c=3087K$ ($duv=-0.00006$) Color Ratio: $R=0.235$ $G=0.740$ $B=0.025$
 Peak Wavelength: 632.0nm Half Bandwidth: 170.2nm
 Dominant Wavelength: 582.5nm Color Purity: 0.499
 CRI: $R_a=91.2$

R1 =92	R2 =93	R3 =91	R4 =92	R5 =90	R6 =89	R7 =94	R8 =87
R9 =68	R10=81	R11=91	R12=72	R13=92	R14=94	R15=91	

 Color Quality Scale: $Q_a=89.3$, $Q_f=89.8$, $Q_p=92.4$, $Q_g=98.8$

Q1 =91	Q2 =97	Q3 =83	Q4 =84	Q5 =88	Q6 =88	Q7 =87	Q8 =92
Q9 =95	Q10=90	Q11=90	Q12=91	Q13=93	Q14=89	Q15=90	



Photometric Parameters

Luminous Flux: 1789.31 lm Efficiency: 50.83 lm/W Radiant Power: 6.245 W
 EEI: 0.27 Energy Efficiency Class: B (EU 874-2012)

Electric Parameters

Voltage: 219.70V Current: 0.1650A Power: 35.20W
 Power Factor: 0.9700 Frequency: 50.00Hz

BIN: OUT :

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 0 Sec
 Max of Signal: 45724 (5519)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 2.00m, 4 π
 CCD Integration Time: 958.71 ms

Condition: $T_x=33.9^\circ C$, $T_i=31.9^\circ C$, R.H.:60%
 Test Lab: IDEUS
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time: 2019-07-23 11:07:56
 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	0.0082	0.2854	525	0.5608	19.5256	670	0.6997	24.3639
385	0.0028	0.0966	530	0.5915	20.5961	675	0.6397	22.2735
390	0.0027	0.0927	535	0.6293	21.9113	680	0.5842	20.3401
395	0.0055	0.1903	540	0.6548	22.8015	685	0.5253	18.2916
400	0.0012	0.0419	545	0.6849	23.8468	690	0.4686	16.3151
405	0.0037	0.1283	550	0.7043	24.5222	695	0.4183	14.5658
410	0.0021	0.0728	555	0.7294	25.3987	700	0.3669	12.7763
415	0.0095	0.3308	560	0.7512	26.1566	705	0.3214	11.1903
420	0.0296	1.0311	565	0.7612	26.5059	710	0.2775	9.6635
425	0.0594	2.0685	570	0.7738	26.9437	715	0.2397	8.3468
430	0.1069	3.7215	575	0.7805	27.1782	720	0.2052	7.1454
435	0.1689	5.8822	580	0.7996	27.8427	725	0.1684	5.8628
440	0.2676	9.3181	585	0.8144	28.3561	730	0.1495	5.2052
445	0.4518	15.7329	590	0.8351	29.0766	735	0.1211	4.2169
450	0.6076	21.1583	595	0.8619	30.0122	740	0.1003	3.4919
455	0.5289	18.4154	600	0.8852	30.8226	745	0.0846	2.9464
460	0.3690	12.8491	605	0.9166	31.9152	750	0.0648	2.2562
465	0.2964	10.3202	610	0.9441	32.8750	755	0.0478	1.6648
470	0.2387	8.3100	615	0.9654	33.6154	760	0.0462	1.6070
475	0.1924	6.7003	620	0.9805	34.1396	765	0.0295	1.0261
480	0.1846	6.4270	625	0.9877	34.3926	770	0.0166	0.5789
485	0.1971	6.8613	630	0.9962	34.6885	775	0.0240	0.8342
490	0.2288	7.9664	635	0.9866	34.3524	780	0.0177	0.6172
495	0.2764	9.6243	640	0.9774	34.0339	785	0.0122	0.4237
500	0.3286	11.4404	645	0.9485	33.0259	790	0.0163	0.5690
505	0.3863	13.4503	650	0.9123	31.7674	795	0.0008	0.0272
510	0.4386	15.2731	655	0.8679	30.2212	800	0.0013	0.0457
515	0.4827	16.8066	660	0.8210	28.5887			
520	0.5214	18.1557	665	0.7626	26.5544			