Lightsource Test Report (1 / 2)

Product Infomation

Product Category: SLL006-A
Product Type: 10W 4000K
Product Spec:

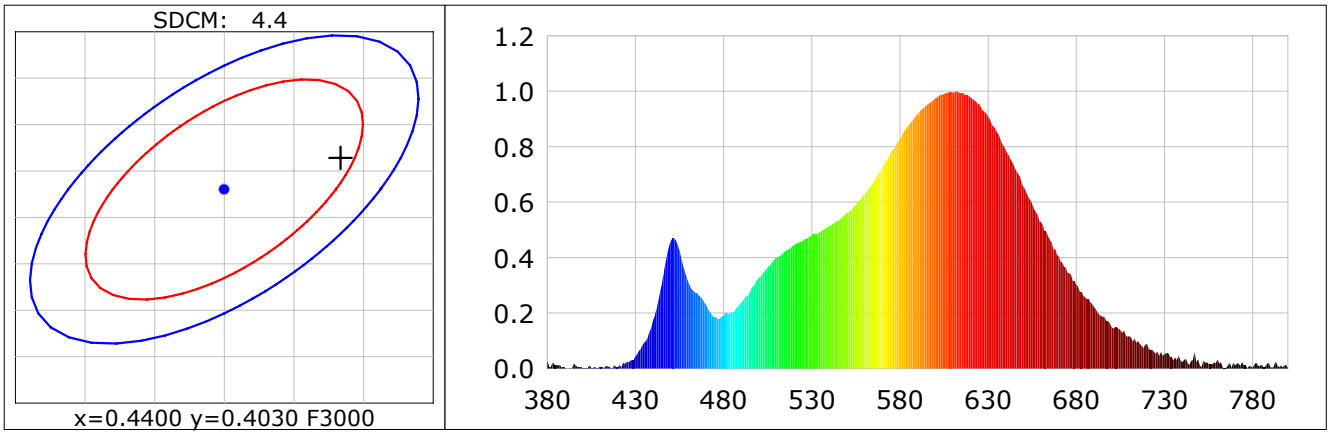
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4484 y=0.4064 u(u')=0.2569 v=0.3493 v'=0.5240
CCT: Tc=3868K (duv=-0.00049)
Color Ratio: R=0.246 G=0.729 B=0.026
Peak Wavelength: 612.0nm
Half Bandwidth: 125.1nm
Dominant Wavelength: 583.7nm
Color Purity: 0.566
CRI: Ra: Ra= 85.9

R1 =85	R2 =94	R3 =96	R4 =85	R5 =86	R6 =94	R7 =83	R8 =64
R9 =22	R10=87	R11=86	R12=79	R13=87	R14=99	R15=78	

Color Quality Scale: Qa= 85.6, Qf= 87.5, Qp= 87.1, Qg= 92.4

Q1 =81	Q2 =94	Q3 =87	Q4 =85	Q5 =87	Q6 =88	Q7 =87	Q8 =88
Q9 =95	Q10=92	Q11=90	Q12=87	Q13=86	Q14=76	Q15=78	



Photometric Parameters

Luminous Flux: 570.37 lm
Efficiency: 91.32 lm/W
Radiant Power: 1.135 W
EEI: 0.12
Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 220.10V
Current: 0.0390A
Power: 10.20W
Power Factor: 0.4640
Frequency: 49.99Hz

BIN: OUT :

Test Infomation
Scan Range: 380~800:1nm
Photometric Method: sphere-spectroradiometer
Stabilization Time: 3 Min
Photometric Condition: Sphere diameter: 2.00m, 4∏
Max of Signal: 47023 (6653)
CCD Integration Time: 4934.26 ms

Condition: Tx:31.8'C, Ti:28.8'C, R.H.:60%
Test Device: Inventfine CMS-3000S
Test Lab: IDEUS
Test Time: 2020-11-05 19:45:15
Operator:
Inspector:

INVENTFINE™

Lightsource Test Report (2 / 2)

WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)
380	0.0254	0.1959	525	0.4601	3.5438	670	0.4061	3.1278
385	0.0146	0.1127	530	0.4830	3.7197	675	0.3466	2.6693
390	0.0041	0.0316	535	0.4942	3.8062	680	0.3022	2.3278
395	0.0188	0.1448	540	0.5149	3.9652	685	0.2573	1.9817
400	0.0016	0.0126	545	0.5321	4.0982	690	0.2221	1.7105
405	0.0025	0.0195	550	0.5631	4.3370	695	0.1865	1.4366
410	0.0071	0.0549	555	0.5905	4.5476	700	0.1490	1.1479
415	0.0052	0.0402	560	0.6299	4.8515	705	0.1386	1.0678
420	0.0047	0.0358	565	0.6729	5.1822	710	0.1173	0.9036
425	0.0243	0.1873	570	0.7256	5.5880	715	0.0988	0.7611
430	0.0444	0.3417	575	0.7834	6.0333	720	0.0906	0.6976
435	0.0941	0.7247	580	0.8294	6.3879	725	0.0540	0.4158
440	0.1740	1.3401	585	0.8785	6.7656	730	0.0517	0.3983
445	0.3091	2.3807	590	0.9171	7.0634	735	0.0293	0.2257
450	0.4609	3.5498	595	0.9489	7.3084	740	0.0221	0.1699
455	0.4241	3.2660	600	0.9755	7.5129	745	0.0272	0.2095
460	0.3110	2.3953	605	0.9903	7.6269	750	0.0101	0.0780
465	0.2724	2.0982	610	0.9952	7.6647	755	0.0172	0.1321
470	0.2303	1.7738	615	0.9962	7.6720	760	0.0334	0.2573
475	0.1862	1.4337	620	0.9783	7.5342	765	0.0039	0.0304
480	0.1885	1.4519	625	0.9553	7.3576	770	0.0109	0.0842
485	0.2006	1.5452	630	0.9080	6.9929	775	0.0112	0.0865
490	0.2385	1.8371	635	0.8513	6.5566	780	0.0040	0.0307
495	0.2782	2.1426	640	0.7857	6.0511	785	0.0143	0.1102
500	0.3276	2.5230	645	0.7233	5.5707	790	0.0068	0.0521
505	0.3674	2.8297	650	0.6544	5.0396	795	0.0035	0.0272
510	0.3987	3.0704	655	0.5942	4.5763	800	0.0011	0.0082
515	0.4243	3.2680	660	0.5281	4.0670			
520	0.4464	3.4381	665	0.4638	3.5723			

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