

Lightsource Test Report (1/2)

Product Information

Product Number: 3

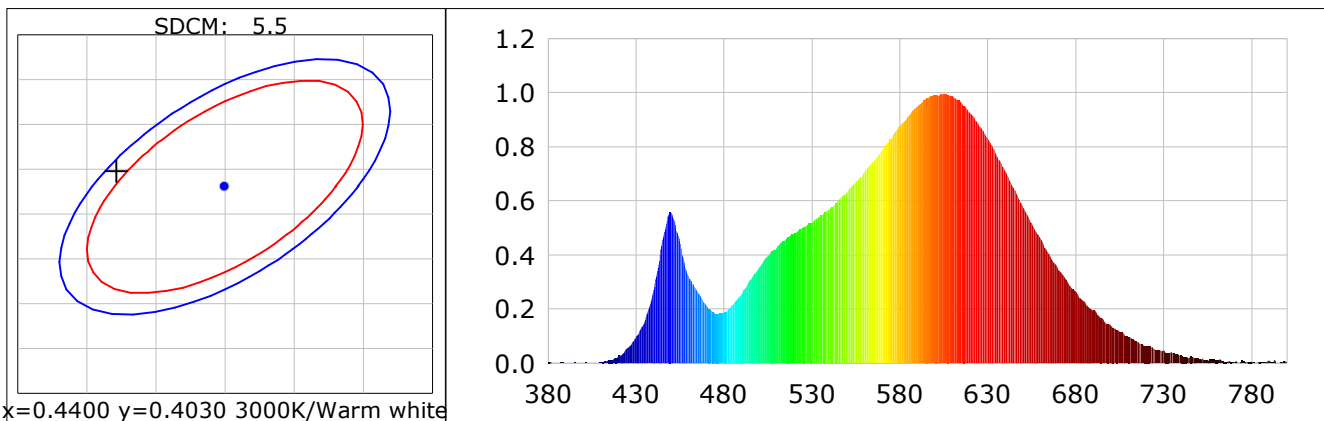
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4322$ $y=0.4047$ $u(u')=0.2472$ $v=0.3473$ $v'=0.5209$
 CCT: $T_c=3087K$ ($duv=0.00095$) Color Ratio: $R=0.223$ $G=0.750$ $B=0.026$
 Peak Wavelength: 604.9nm Half Bandwidth: 131.9nm
 Dominant Wavelength: 582.1nm Color Purity: 0.512
 CRI: $R_a=82.8$

R1 =81	R2 =90	R3 =97	R4 =82	R5 =82	R6 =89	R7 =83	R8 =60
R9 =7	R10=78	R11=81	R12=72	R13=83	R14=99	R15=73	

 Color Quality Scale: $Q_a=83.0$, $Q_f=84.7$, $Q_p=83.5$, $Q_g=91.1$

Q1 =79	Q2 =96	Q3 =84	Q4 =81	Q5 =84	Q6 =84	Q7 =84	Q8 =87
Q9 =96	Q10=90	Q11=87	Q12=85	Q13=83	Q14=72	Q15=74	



Photometric Parameters

Luminous Flux: 3226.40 lm Efficiency: 69.47 lm/W Radiant Power: 9.667 W
 EEI: 0.20 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 220.20V Current: 0.2170A Power: 46.44W
 Power Factor: 0.9730 Frequency: 49.99Hz

BIN: OUT :

Test Information

Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec	Photometric Condition: Sphere diameter: 2.00m, 4 π
Max of Signal: 44714 (4760)	CCD Integration Time: 467.83 ms

Condition: $T_x=34.1^\circ C$, $T_i=31.9^\circ C$, R.H.:60%
 Test Lab: IDEUS
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time: 2019-07-23 11:16:18
 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	0.0065	0.4216	525	0.5054	32.5664	670	0.3483	22.4429
385	0.0025	0.1636	530	0.5215	33.6049	675	0.3055	19.6844
390	0.0022	0.1408	535	0.5483	35.3309	680	0.2652	17.0870
395	0.0043	0.2750	540	0.5714	36.8212	685	0.2276	14.6626
400	0.0005	0.0301	545	0.6051	38.9925	690	0.1946	12.5381
405	0.0037	0.2395	550	0.6353	40.9376	695	0.1688	10.8749
410	0.0032	0.2087	555	0.6738	43.4192	700	0.1416	9.1227
415	0.0122	0.7880	560	0.7146	46.0437	705	0.1175	7.5697
420	0.0314	2.0218	565	0.7496	48.3011	710	0.0995	6.4142
425	0.0570	3.6710	570	0.7926	51.0739	715	0.0819	5.2742
430	0.1010	6.5078	575	0.8301	53.4865	720	0.0670	4.3141
435	0.1633	10.5209	580	0.8803	56.7223	725	0.0513	3.3050
440	0.2718	17.5103	585	0.9183	59.1701	730	0.0504	3.2492
445	0.4581	29.5186	590	0.9531	61.4136	735	0.0389	2.5086
450	0.5603	36.1046	595	0.9808	63.1959	740	0.0304	1.9597
455	0.4447	28.6517	600	0.9923	63.9383	745	0.0276	1.7769
460	0.3172	20.4372	605	1.0000	64.4348	750	0.0174	1.1187
465	0.2645	17.0413	610	0.9904	63.8160	755	0.0102	0.6593
470	0.2137	13.7681	615	0.9658	62.2312	760	0.0128	0.8248
475	0.1844	11.8829	620	0.9266	59.7024	765	0.0058	0.3724
480	0.1929	12.4320	625	0.8790	56.6381	770	0.0046	0.2964
485	0.2197	14.1541	630	0.8311	53.5550	775	0.0109	0.7041
490	0.2590	16.6871	635	0.7689	49.5412	780	0.0078	0.5056
495	0.3097	19.9567	640	0.7095	45.7184	785	0.0058	0.3742
500	0.3566	22.9779	645	0.6444	41.5232	790	0.0129	0.8281
505	0.3989	25.7017	650	0.5783	37.2633	795	0.0004	0.0244
510	0.4326	27.8749	655	0.5183	33.3942	800	0.0006	0.0366
515	0.4589	29.5699	660	0.4593	29.5974			
520	0.4806	30.9649	665	0.4017	25.8818			