

Lightsource Test Report

Product Information

Product Category: KOSOOM SL926H1R Product Spec: 1W 4000K
 Product Number: 1

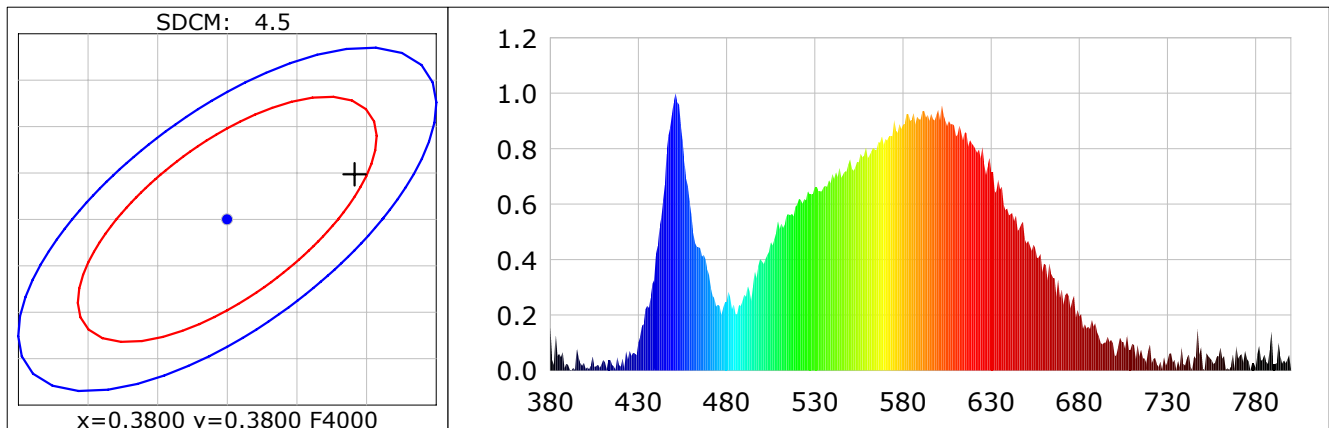
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3891$ $y=0.3849$ $u(u')=0.2276$ $v=0.3376$ $v'=0.5064$
 CCT: $T_c=3833K$ ($duv=0.00130$) Color Ratio: R=0.187 G=0.781 B=0.032
 Peak Wavelength: 451.0nm Half Bandwidth: 19.3nm
 Dominant Wavelength: 597.9nm Color Purity: 0.323
 CRI: Ra: Ra= 81.6

R1 =80	R2 =88	R3 =94	R4 =81	R5 =80	R6 =83	R7 =85	R8 =63
R9 =4	R10=70	R11=79	R12=58	R13=81	R14=96	R15=73	

Color Quality Scale: Qa= 81.8, Qf= 82.0, Qp= 81.7, Qg= 92.4

Q1 =81	Q2 =98	Q3 =78	Q4 =75	Q5 =80	Q6 =82	Q7 =84	Q8 =88
Q9 =97	Q10=88	Q11=84	Q12=83	Q13=83	Q14=71	Q15=75	



Photometric Parameters

Luminous Flux: 112.92 lm Efficiency: 75.78 lm/W Radiant Power: 0.339 W
 EEI: 0.10 Energy Efficiency Class: A++ (EU 874-2012)

Electric Parameters

Voltage: 220.20V Current: 0.0180A Power: 1.49W
 Power Factor: 0.3760 Frequency: 50.00Hz

BIN: OUT :

Test Information

Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Min	Photometric Condition: Sphere diameter: 2.00m, 4π
Max of Signal: 27330 (7657)	CCD Integration Time: 10000.00 ms

Condition: Tx:32.9'C, Ti:30.4'C, R.H.:60%
 Test Lab: IDEUS
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time: 2021-04-26 16:53:06
 Inspector: