

## Lightsource Test Report

### Product Infomation

Product Category:  
Product Spec: 15W

Product Type: 4000K  
Product Number: 2

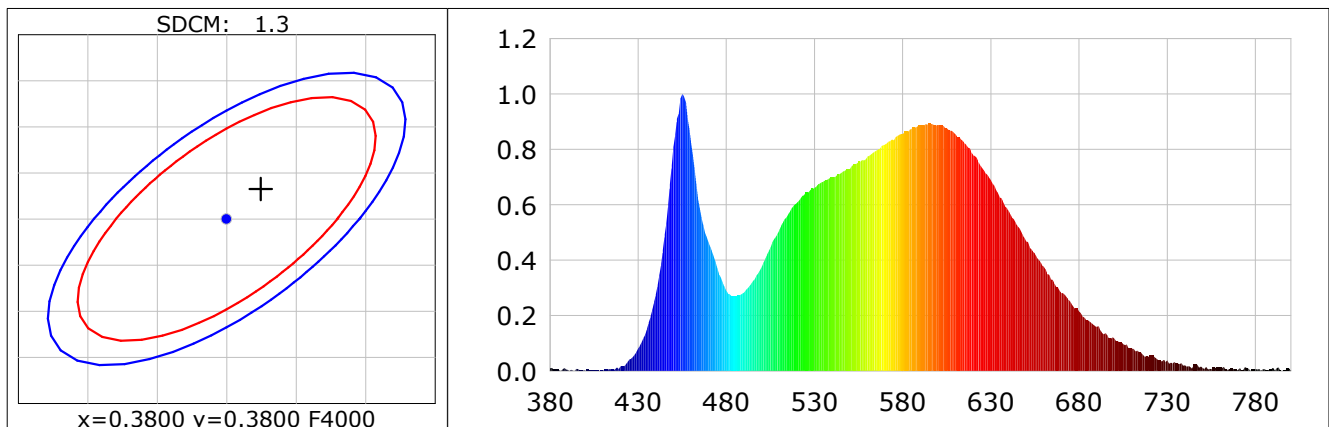
### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3825$   $y=0.3833$   $u(u')=0.2238$   $v=0.3365$   $v'=0.5047$   
 CCT:  $T_c=3994K$  ( $duv=0.00243$ )      Color Ratio:  $R=0.183$   $G=0.781$   $B=0.036$   
 Peak Wavelength: 455.1nm      Half Bandwidth: 22.7nm  
 Dominant Wavelength: 577.9nm      Color Purity: 0.298  
 CRI:  $R_a=83.1$   

R1 =82	R2 =90	R3 =95	R4 =81	R5 =81	R6 =85	R7 =86	R8 =65
R9 =11	R10=75	R11=79	R12=57	R13=84	R14=97	R15=76	

Color Quality Scale:  $Q_a=82.8$ ,  $Q_f=83.2$ ,  $Q_p=81.6$ ,  $Q_g=91.3$   

Q1 =81	Q2 =97	Q3 =80	Q4 =75	Q5 =79	Q6 =81	Q7 =85	Q8 =89
Q9 =98	Q10=90	Q11=87	Q12=86	Q13=85	Q14=74	Q15=77	



### Photometric Parameters

Luminous Flux: 1322.27 lm      Efficiency: 90.81 lm/W      Radiant Power: 3.957 W  
 EEI: 0.15      Energy Efficiency Class: A+ (EU 874-2012)

### Electric Parameters

Voltage: 220.20V      Current: 0.0690A      Power: 14.56W  
 Power Factor: 0.9630      Frequency: 49.99Hz

### Test Infomation

Scan Range: 380~800:1nm  
 Stabilization Time: 0 Sec  
 Max of Signal: 44802 (5429)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 2.00m, 4T  
 CCD Integration Time: 1174.54 ms

Condition:  $T_x:32.0^\circ C$ ,  $T_i:31.1^\circ C$ , R.H.:60%  
 Test Lab: IDEUS  
 Operator:

Test Device: Inventfine CMS-3000S  
 Test Time: 2022-08-26 17:02:01  
 Inspector: