

Lightsource Test Report

Product Infomation

Product Category:
Product Spec: 30W

Product Type: 4000K
Product Number: 1

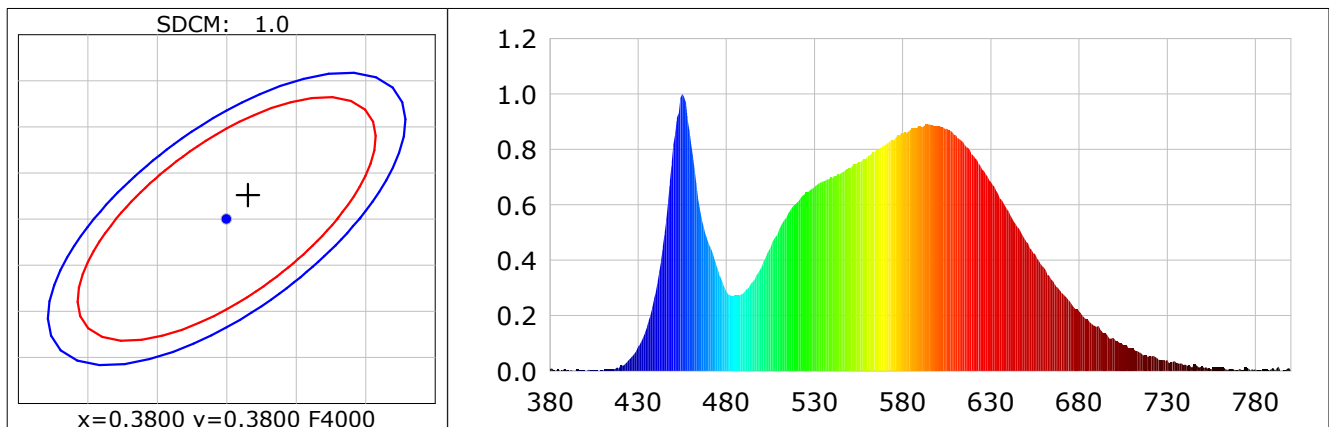
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3815$ $y=0.3826$ $u(u')=0.2235$ $v=0.3362$ $v'=0.5043$
 CCT: $T_c=4013K$ ($duv=0.00239$) Color Ratio: $R=0.182$ $G=0.781$ $B=0.036$
 Peak Wavelength: 455.1nm Half Bandwidth: 23.0nm
 Dominant Wavelength: 577.8nm Color Purity: 0.293
 CRI: $R_a=83.0$

R1 =81	R2 =90	R3 =95	R4 =81	R5 =81	R6 =85	R7 =86	R8 =65
R9 =10	R10=74	R11=79	R12=57	R13=84	R14=97	R15=76	

 Color Quality Scale: $Q_a=82.7$, $Q_f=83.1$, $Q_p=81.6$, $Q_g=91.3$

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: 2709.44 lm Efficiency: 89.19 lm/W Radiant Power: 8.116 W
 EEI: 0.15 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 219.90V Current: 0.1440A Power: 30.38W
 Power Factor: 0.9630 Frequency: 49.99Hz

Test Infomation

Scan Range: 380~800:1nm
 Stabilization Time: 0 Sec
 Max of Signal: 45134 (4515)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 2.00m, 4T
 CCD Integration Time: 577.42 ms

Condition: $T_x:31.9^\circ C$, $T_i:31.1^\circ C$, R.H.:60%
 Test Lab: IDEUS
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time: 2022-08-26 16:58:50
 Inspector: