

Lightsource Test Report

Product Information

Product Category:
Product Spec: 4000K

Product Type: 10W
Product Number: 01

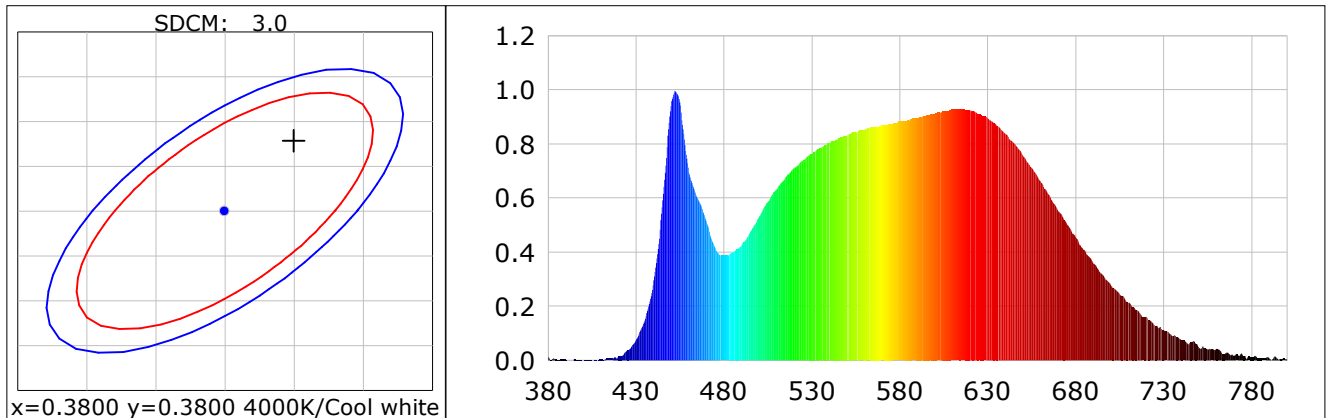
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3850$ $y=0.3878$ $u(u')=0.2237$ $v=0.3380$ $v'(v')=0.5070$
 CCT: $T_c=3960K$ ($duv=0.00378$) Color Ratio: $R=0.194$ $G=0.766$ $B=0.040$
 Peak Wavelength: 452.1nm Half Bandwidth: 26.8nm
 Dominant Wavelength: 577.4nm Color Purity: 0.319
 CRI: R_a : $R_a=91.1$

R1 =91	R2 =94	R3 =96	R4 =90	R5 =89	R6 =91	R7 =94	R8 =84
R9 =59	R10=85	R11=90	R12=67	R13=91	R14=97	R15=88	

 Color Quality Scale: $Q_a=91.0$, $Q_f=91.1$, $Q_p=90.2$, $Q_g=95.3$

Q1 =90	Q2 =98	Q3 =87	Q4 =85	Q5 =88	Q6 =89	Q7 =92	Q8 =95
Q9 =98	Q10=95	Q11=94	Q12=94	Q13=94	Q14=89	Q15=90	



Photometric Parameters

Luminous Flux: 810.07 lm Efficiency: 81.01 lm/W Radiant Power: 2.684 W
 EEI: 0.15 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 220.30V Current: 0.0930A Power: 10.00W
 Power Factor: 0.4900 Frequency: 50.00Hz

BIN: OUT :

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 0 ms
 Max of Signal: 44482 (5756)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 2.00m, 4 π
 CCD Integration Time: 1970.25 ms

Condition: $T_x=31.6^\circ C$, $T_i=31.3^\circ C$, R.H.:60%
 Test Lab: IDEUS
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time: 2019-06-12 10:23:43
 Inspector: