Lightsource Test Report

Product Infomation

Product Category:
Product Spec: 10W 3000K
Product Number: 5

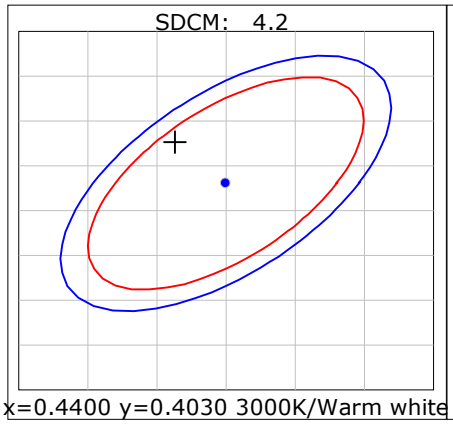
CIE Colorimetric Parameters

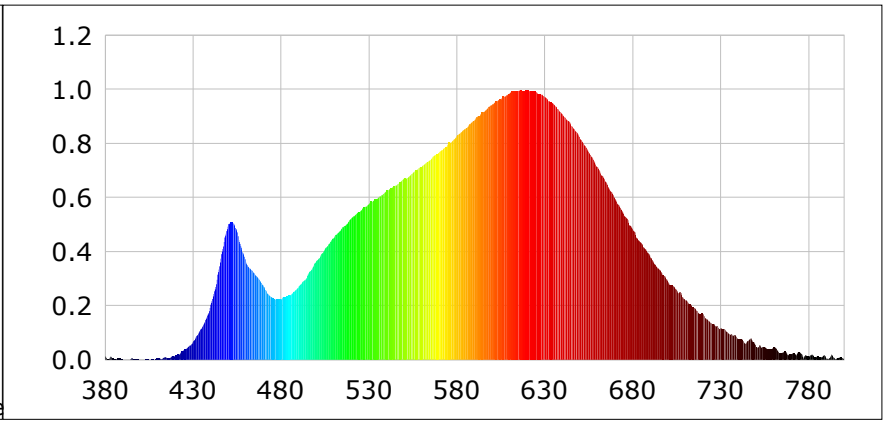
Chromaticity coordinates: x=0.4363 y=0.4076 u(u')=0.2487 v=0.3484 v'=0.5227
CCT: Tc=3039K (duv=0.00149)
Color Ratio: R=0.236 G=0.737 B=0.027
Peak Wavelength: 620.0nm
Half Bandwidth: 161.5nm
Dominant Wavelength: 582.1nm
Color Purity: 0.533
CRI: Ra: Ra= 90.6

R1 =90	R2 =94	R3 =97	R4 =91	R5 =90	R6 =93	R7 =91	R8 =79
R9 =51	R10=85	R11=91	R12=76	R13=91	R14=98	R15=86	

Color Quality Scale: Qa= 89.8, Qf= 91.4, Qp= 90.9, Qg= 94.6

Q1 =88	Q2 =96	Q3 =88	Q4 =87	Q5 =89	Q6 =90	Q7 =91	Q8 =93
Q9 =97	Q10=93	Q11=92	Q12=92	Q13=91	Q14=85	Q15=86	





Photometric Parameters

Luminous Flux: 577.32 lm
Efficiency: 50.81 lm/W
Radiant Power: 1.594 W
EEI: 0.18
Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 220.20V
Current: 0.0670A
Power: 7.85W
Power Factor: 0.5320
Frequency: 50.00Hz

BIN: OUT :

Test Infomation
Scan Range: 380~800:1nm
Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms
Photometric Condition: Sphere diameter: 2.00m, 4∏
Max of Signal: 42131 (5753)
CCD Integration Time: 2845.41 ms

Condition: Tx:30.1'C, Ti:29.4'C, R.H.:60%
Test Device: Inventfine CMS-3000S
Test Lab:
Test Time: 2019-04-24 20:44:42
Operator:
Inspector: