Lightsource Test Report

Product Infomation

Product Category: CSL003-A
Product Spec: 30W 4000K
Product Number:

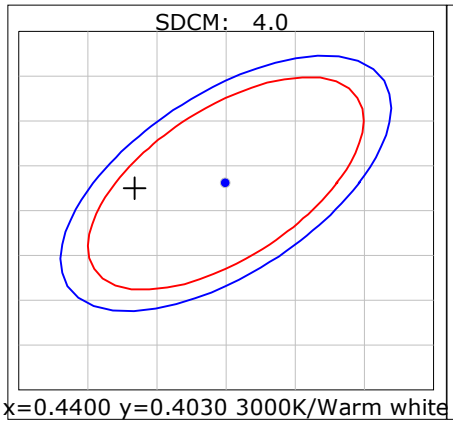
CIE Colorimetric Parameters

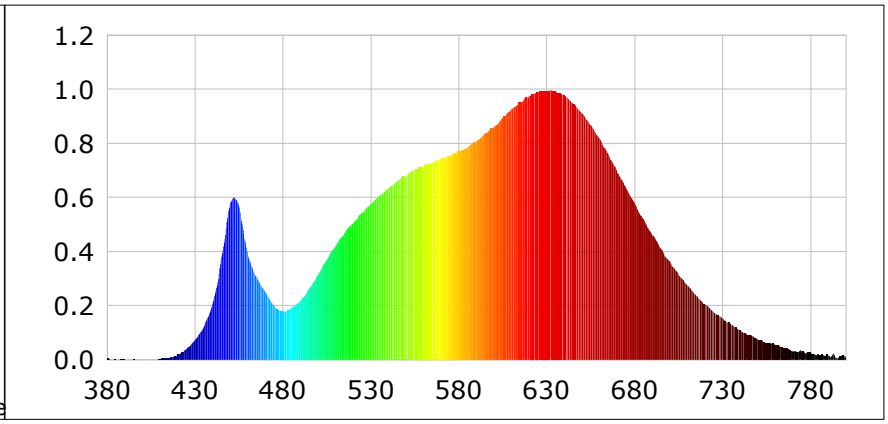
Chromaticity coordinates: x=0.4334 y=0.4025 u(u')=0.2490 v=0.3468 v'=0.5202
CCT: Tc=4047K (duv=-0.00015)
Color Ratio: R=0.239 G=0.735 B=0.025
Peak Wavelength: 632.0nm
Half Bandwidth: 167.8nm
Dominant Wavelength: 582.7nm
Color Purity: 0.509
CRI: Ra: Ra= 92.4

R1 =93	R2 =94	R3 =92	R4 =93	R5 =92	R6 =91	R7 =95	R8 =89
R9 =72	R10=84	R11=92	R12=73	R13=93	R14=94	R15=92	

Color Quality Scale: Qa= 90.2, Qf= 90.7, Qp= 93.3, Qg= 98.9

Q1 =92	Q2 =97	Q3 =84	Q4 =85	Q5 =89	Q6 =89	Q7 =88	Q8 =92
Q9 =95	Q10=91	Q11=91	Q12=93	Q13=94	Q14=91	Q15=91	





Photometric Parameters

Luminous Flux: 2800.41 lm
Efficiency: 91.51 lm/W
Radiant Power: 3.452 W
EEI: 0.15
Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 220.30V
Current: 0.1800A
Power:30.59W
Power Factor: 0.9750
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: 44377 (4407)
CCD Integration Time: 430.46 ms

Condition: Tx:32.5'C, Ti:30.1'C, R.H.:60%
Test Device: Inventfine CMS-3000S
Test Lab:
Test Time: 2019-06-03 15:52:36
Operator:
Inspector: