Lightsource Test Report

Product Infomation

Product Category: CDL002-E
Product Spec:30W 4000K
Product Number: 1

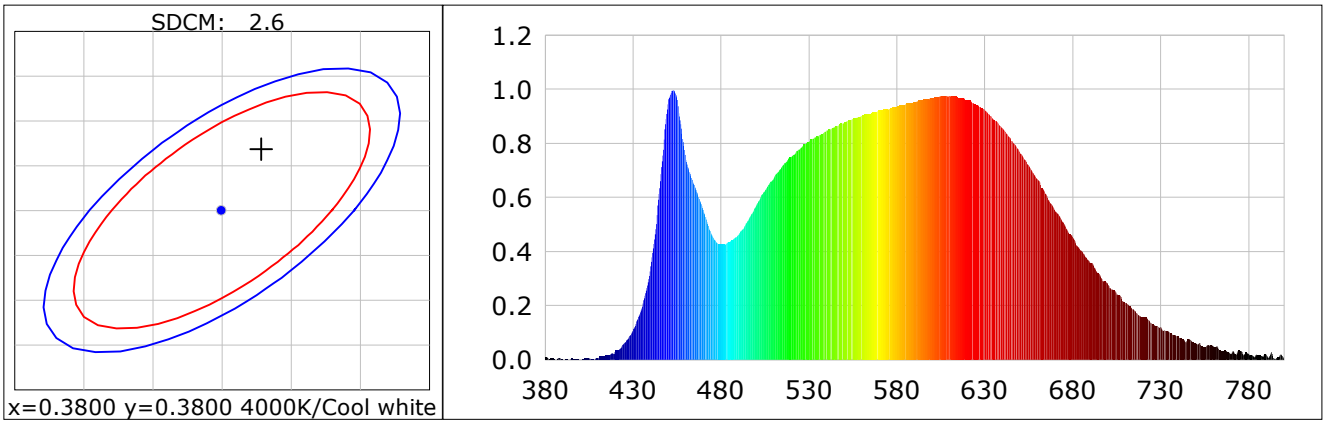
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3828 y=0.3868 u(u')=0.2227 v=0.3375 v'=0.5063
CCT: Tc=4009K (duv=0.00393)
Color Ratio: R=0.191 G=0.768 B=0.041
Peak Wavelength: 452.8nm
Half Bandwidth: 29.6nm
Dominant Wavelength: 577.1nm
Color Purity: 0.310
CRI: Ra: Ra= 90.5

R1 =90	R2 =94	R3 =96	R4 =89	R5 =89	R6 =91	R7 =93	R8 =82
R9 =54	R10=84	R11=89	R12=68	R13=91	R14=98	R15=86	

Color Quality Scale: Qa= 90.6, Qf= 90.8, Qp= 89.6, Qg= 94.7

Q1 =89	Q2 =98	Q3 =88	Q4 =85	Q5 =88	Q6 =89	Q7 =92	Q8 =95
Q9 =99	Q10=95	Q11=94	Q12=94	Q13=93	Q14=87	Q15=88	



Photometric Parameters

Luminous Flux: 2180.22 lm
Efficiency: 79.51 lm/W
Radiant Power: 4.345 W
EEI: 0.17
Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 220.10V
Current: 0.1380A
Power:10.28W
Power Factor: 0.5440
Frequency: 49.99Hz

BIN: OUT :

Test Infomation
Scan Range: 380~800:1nm
Photometric Method: sphere-spectroradiometer
Stabilization Time: 3 ms
Photometric Condition: Sphere diameter: 2.00m, 4∏
Max of Signal: 44820 (4833)
CCD Integration Time: 1220.57 ms

Condition: Tx:29.0'C, Ti:28.8'C, R.H.:60%
Test Device: Inventfine CMS-3000S
Test Lab:
Test Time: 2019-04-24 09:00:17
Operator:
Inspector: