Lightsource Test Report

Product Infomation

Product Category: SLL002-A
Product Spec: 20W 4000K
Product Number: 10

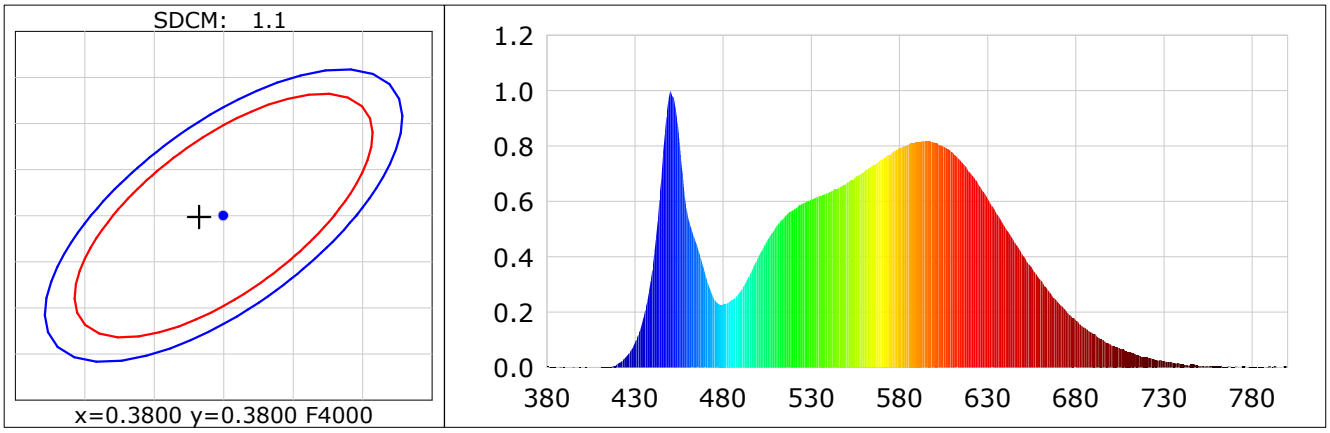
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3782 y=0.3798 u(u')=0.2224 v=0.3351 v'=0.5026
CCT: Tc=4083K (duv=0.00209)
Color Ratio: R=0.179 G=0.785 B=0.036
Peak Wavelength: 450.1nm
Half Bandwidth: 19.6nm
Dominant Wavelength: 577.6nm
Color Purity: 0.275
CRI: Ra: Ra= 82.7

R1 =81	R2 =88	R3 =95	R4 =82	R5 =81	R6 =85	R7 =86	R8 =64
R9 =6	R10=73	R11=81	R12=59	R13=83	R14=97	R15=74	

Color Quality Scale: Qa= 82.7, Qf= 83.0, Qp= 82.2, Qg= 92.0

Q1 =81	Q2 =98	Q3 =80	Q4 =77	Q5 =82	Q6 =83	Q7 =85	Q8 =89
Q9 =98	Q10=89	Q11=86	Q12=85	Q13=84	Q14=72	Q15=75	



Photometric Parameters

Luminous Flux: 2120.13 lm
Efficiency: 86.29 lm/W
Radiant Power: 10.395 W
EEI: 0.16
Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 276.40V
Current: 0.1590A
Power: 20.63W
Power Factor: 0.9200
Frequency: 60.00Hz

BIN: OUT :

Test Infomation
Scan Range: 380~800:1nm
Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec
Photometric Condition: Sphere diameter: 2.00m, 4∏
Max of Signal: 48756 (3542)
CCD Integration Time: 499.83 ms

Condition: Tx:26.4'C, Ti:23.6'C, R.H.:60%
Test Device: Inventfine CMS-3000S
Test Lab: IDEUS
Test Time: 2019-12-11 17:32:03
Operator:
Inspector: