Lightsource Test Report

Product Infomation

Product Category:
Product Spec: 20W 3000K
Product Number: 13

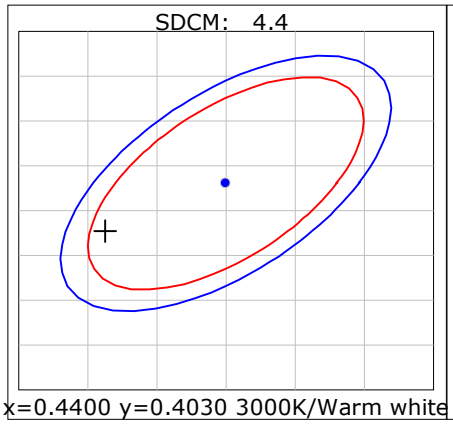
CIE Colorimetric Parameters

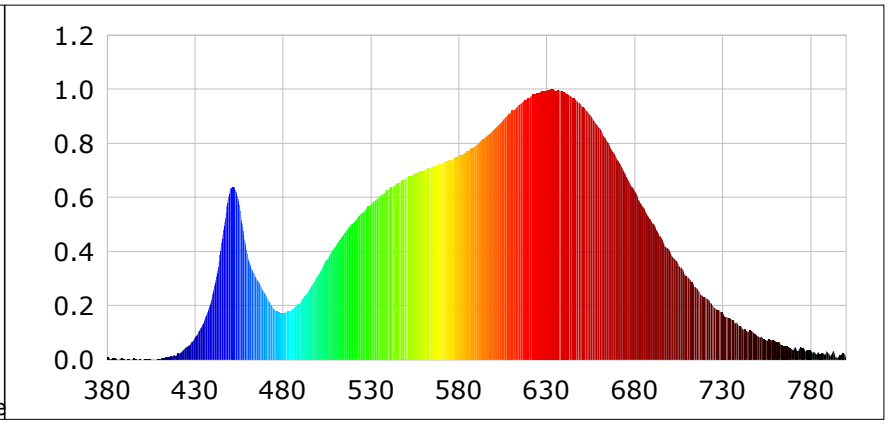
Chromaticity coordinates: x=0.4313 y=0.3976 u(u')=0.2497 v=0.3453 v'=0.5180
CCT: Tc=3045K (duv=-0.00180)
Color Ratio: R=0.242 G=0.732 B=0.025
Peak Wavelength: 633.1nm
Half Bandwidth: 172.7nm
Dominant Wavelength: 583.3nm
Color Purity: 0.488
CRI: Ra: Ra= 93.5

R1 =95	R2 =95	R3 =92	R4 =94	R5 =94	R6 =92	R7 =95	R8 =92
R9 =79	R10=86	R11=93	R12=76	R13=95	R14=94	R15=95	

Color Quality Scale: Qa= 90.2, Qf= 90.0, Qp= 94.8, Qg=101.1

Q1 =93	Q2 =97	Q3 =84	Q4 =86	Q5 =90	Q6 =89	Q7 =86	Q8 =92
Q9 =95	Q10=91	Q11=91	Q12=92	Q13=94	Q14=93	Q15=92	





Photometric Parameters

Luminous Flux: 1496.93 lm
Efficiency: 73.16 lm/W
Radiant Power: 5.439 W
EEI: 0.19
Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 220.20V
Current: 0.1970A
Power: 20.46W
Power Factor: 0.4710
Frequency: 50.00Hz

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: 43798 (5444)
CCD Integration Time: 954.54 ms

Condition: Tx:32.8'C, Ti:30.6'C, R.H.:60%
Test Device: Inventfine CMS-3000S
Test Lab:
Test Time: 2019-04-26 18:02:58
Operator:
Inspector: