

Lightsource Test Report

Product Information

Product Category: SLL007-A
 Product Number: 01

Product Spec: 8W 4000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4310$ $y=0.3978$ $u(u')=0.2494$ $v=0.3453$ $v'(v')=0.5180$
 CCT: $T_c=4051K$ ($duv=-0.00169$) Color Ratio: R=0.230 G=0.740 B=0.030
 Peak Wavelength: 605.0nm Half Bandwidth: 131.1nm
 Dominant Wavelength: 583.2nm Color Purity: 0.488

CRI: Ra= 84.6

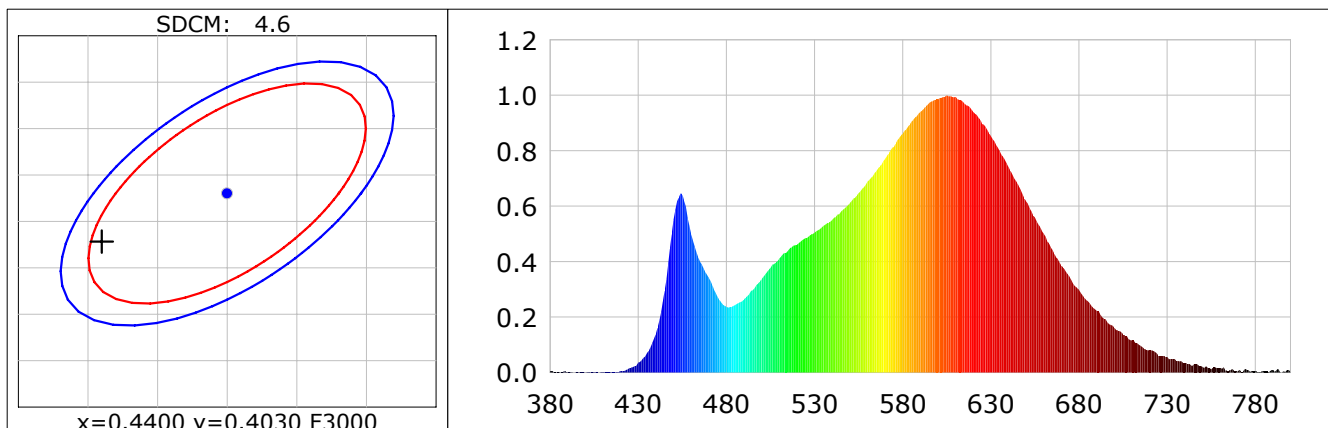
R1 =84 R2 =94 R3 =95 R4 =82 R5 =85 R6 =93 R7 =82 R8 =63

R9 =18 R10=86 R11=82 R12=73 R13=87 R14=98 R15=77

Color Quality Scale: Qa= 83.9, Qf= 85.3, Qp= 85.3, Qg= 92.0

Q1 =81 Q2 =95 Q3 =84 Q4 =80 Q5 =83 Q6 =85 Q7 =85 Q8 =87

Q9 =95 Q10=92 Q11=88 Q12=85 Q13=84 Q14=75 Q15=77



Photometric Parameters

Luminous Flux: 680.21 lm
 EEI: 0.16

Efficiency: 85.95 lm/W

Radiant Power: 4.744 W

Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 219.50V

Current: 0.1910A

Power: 8.41W

Power Factor: 0.9620

Frequency: 50.00Hz

BIN: OUT :

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 Sec

Max of Signal: 44145 (4646)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4 π

CCD Integration Time: 437.96 ms

Condition: Tx:34.0'C, Ti:31.9'C, R.H.:60%

Test Lab: IDEUS

Operator:

Test Device: Inventfine CMS-3000S

Test Time: 2020-06-14 10:24:17

Inspector: