

Lightsource Test Report

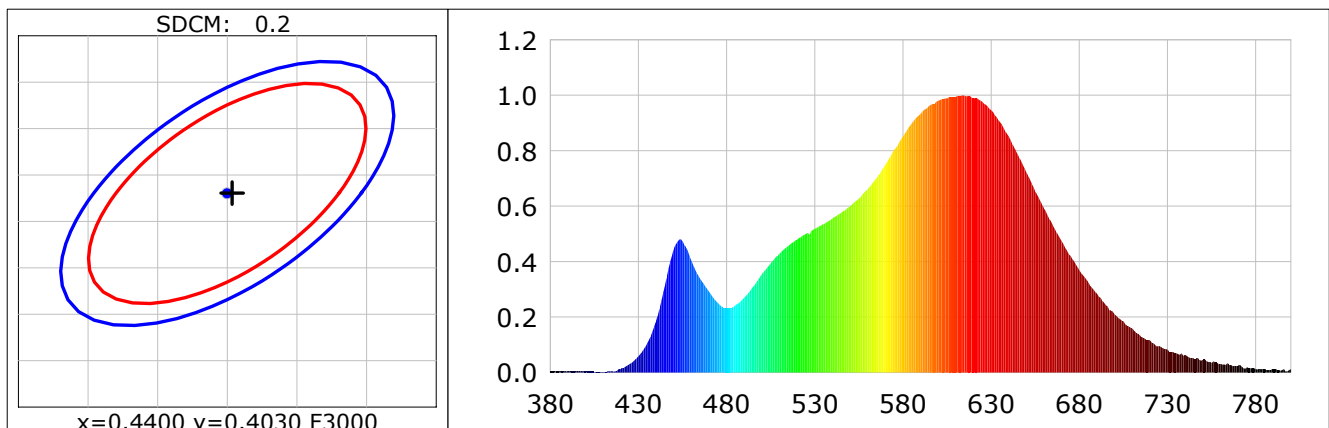
Product Information

Product Spec: 18W C

Product Number: 2

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4403$ $y=0.4030$ $u(u')=0.2532$ $v=0.3477$ $v'(v')=0.5215$
 CCT: $T_c=2935K$ ($duv=-0.00086$) Color Ratio: R=0.241 G=0.731 B=0.028
 Peak Wavelength: 613.9nm Half Bandwidth: 140.5nm
 Dominant Wavelength: 583.4nm Color Purity: 0.532
 CRI: $R_a=88.1$ TM30: $R_f=87$, $R_g=97$
 R1 =88 R2 =95 R3 =96 R4 =87 R5 =89 R6 =95 R7 =85 R8 =70
 R9 =34 R10=89 R11=88 R12=80 R13=90 R14=99 R15=81
 Color Quality Scale: $Q_a=87.4$, $Q_f=89.0$, $Q_p=88.9$, $Q_g=93.5$
 Q1 =84 Q2 =95 Q3 =88 Q4 =85 Q5 =88 Q6 =89 Q7 =89 Q8 =90
 Q9 =96 Q10=93 Q11=91 Q12=88 Q13=87 Q14=80 Q15=81



Photometric Parameters

Luminous Flux: 1310.04 lm Efficiency: 73.19 lm/W Radiant Power: 4.223 W
 EEI: 0.19 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 230.40V Current: 0.1410A Power: 17.90W
 Power Factor: 0.5500 Frequency: 50.00Hz

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 20 Sec
 Max of Signal: 49200 (3237)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4 π
 CCD Integration Time: 1544.99 ms

Condition: $T_x:0.0^\circ C$, $T_i:0.0^\circ C$, R.H.:60%
 Test Lab: RUNWIN
 Operator: Zhong ql

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2019-05-31 08:57:08
 Inspector: Zhongql