

Lightsource Test Report

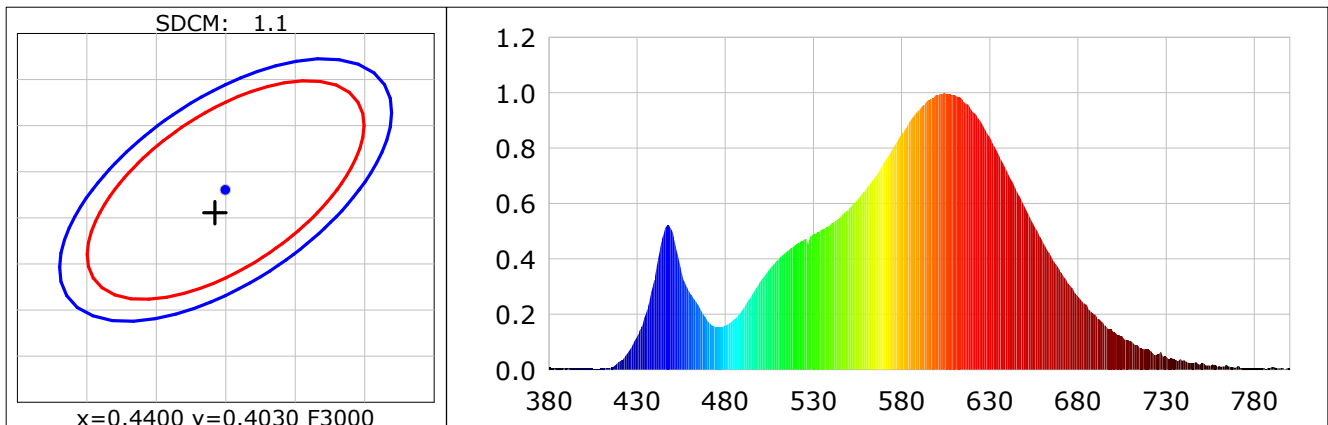
Product Information

Product Type: 12W E27 3000K
Product Number: 5

Product Spec: C

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4392$ $y=0.4005$ $u(u')=0.2536$ $v=0.3469$ $v'=0.5203$
 CCT: $T_c=2933K$ ($duv=-0.00172$) Color Ratio: $R=0.235$ $G=0.741$ $B=0.024$
 Peak Wavelength: 604.2nm Half Bandwidth: 123.4nm
 Dominant Wavelength: 583.7nm Color Purity: 0.521
 CRI: $R_a=82.9$ TM30: $R_f=82$, $R_g=98$
 $R_1=81$ $R_2=91$ $R_3=96$ $R_4=82$ $R_5=82$ $R_6=90$ $R_7=81$ $R_8=59$
 $R_9=8$ $R_{10}=80$ $R_{11}=82$ $R_{12}=77$ $R_{13}=84$ $R_{14}=99$ $R_{15}=74$
 Color Quality Scale: $Q_a=82.2$, $Q_f=83.3$, $Q_p=84.9$, $Q_g=93.4$
 $Q_1=77$ $Q_2=96$ $Q_3=83$ $Q_4=82$ $Q_5=84$ $Q_6=83$ $Q_7=83$ $Q_8=85$
 $Q_9=95$ $Q_{10}=89$ $Q_{11}=86$ $Q_{12}=83$ $Q_{13}=82$ $Q_{14}=72$ $Q_{15}=73$



Photometric Parameters

Luminous Flux: 1278.47 lm
EEI: 0.12

Efficiency: 114.15 lm/W
Energy Efficiency Class: A+ (EU 874-2012)

Radiant Power: 3.889 W

Electric Parameters

Voltage: 230.20V
Power Factor: 0.5340

Current: 0.0910A
Frequency: 50.00Hz

Power: 11.20W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Sec
Max of Signal: 46355 (3442)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4 π
CCD Integration Time: 1489.73 ms

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

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2020-08-28 10:50:59
Inspector: