

Lightsource Test Report

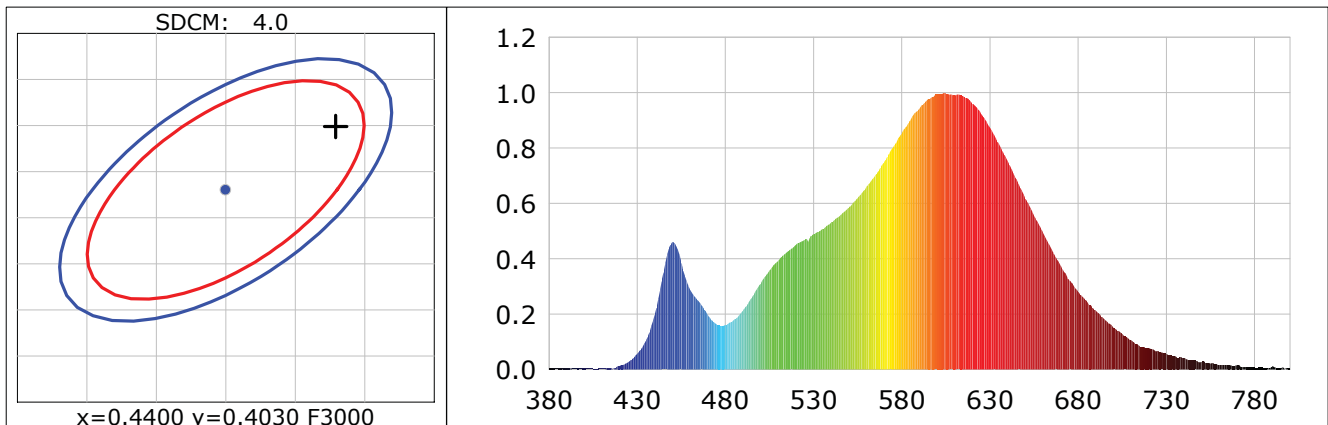
Product Infomation

Product Spec: 18W 3000K C

Product Number: 4

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4479$ $y=0.4099$ $u(u')=0.2551$ $v=0.3502$ $v'=0.5253$
 CCT: $T_c=2870K$ ($duv=0.00090$) Color Ratio: $R=0.238$ $G=0.738$ $B=0.023$
 Peak Wavelength: 604.1nm Half Bandwidth: 126.5nm
 Dominant Wavelength: 583.1nm Color Purity: 0.575
 CRI: $R_a=83.4$ TM30: $R_f=84$, $R_g=96$
 $R_1=82$ $R_2=91$ $R_3=97$ $R_4=82$ $R_5=82$ $R_6=90$ $R_7=83$ $R_8=60$
 $R_9=11$ $R_{10}=80$ $R_{11}=82$ $R_{12}=73$ $R_{13}=84$ $R_{14}=99$ $R_{15}=74$
 Color Quality Scale: $Q_a=83.5$, $Q_f=85.5$, $Q_p=84.3$, $Q_g=91.0$
 $Q_1=79$ $Q_2=95$ $Q_3=85$ $Q_4=82$ $Q_5=85$ $Q_6=85$ $Q_7=85$ $Q_8=87$
 $Q_9=95$ $Q_{10}=91$ $Q_{11}=88$ $Q_{12}=85$ $Q_{13}=84$ $Q_{14}=73$ $Q_{15}=75$



Photometric Parameters

Luminous Flux: 1589.52 lm
EEI: 0.15

Efficiency: 91.88 lm/W

Radiant Power: 4.828 W

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

Electric Parameters

Voltage: 230.30V

Current: 0.0830A

Power: 17.30W

Power Factor: 0.9070

Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm
 Stabilization Time: 20 Sec
 Max of Signal: 45368 (2918)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4T
 CCD Integration Time: 1152.09 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: 2019-11-07 17:24:50
 Inspector: