

Lightsource Test Report

Product Infomation

Product Spec: FL 60 72W 5000K opal

Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3434$ $y=0.3552$ $u(u')=0.2089$ $v=0.3241$ $v'=0.4861$

CCT: $T_c=5078K$ ($duv=0.00246$)

Color Ratio: $R=0.152$ $G=0.803$ $B=0.045$

Peak Wavelength: 450.9nm

Half Bandwidth: 19.5nm

Dominant Wavelength: 569.2nm

Color Purity: 0.096

CRI: R_a : $R_a=83.0$

$R_1=82$

$R_2=84$

$R_3=85$

$R_4=88$

$R_5=82$

$R_6=78$

$R_7=91$

$R_8=74$

$R_9=12$

$R_{10}=61$

$R_{11}=87$

$R_{12}=50$

$R_{13}=82$

$R_{14}=91$

$R_{15}=79$

Color Quality Scale: $Q_a=80.3$, $Q_f=80.5$, $Q_p=79.7$, $Q_g=90.9$

$Q_1=83$

$Q_2=98$

$Q_3=77$

$Q_4=70$

$Q_5=76$

$Q_6=80$

$Q_7=86$

$Q_8=91$

$Q_9=96$

$Q_{10}=86$

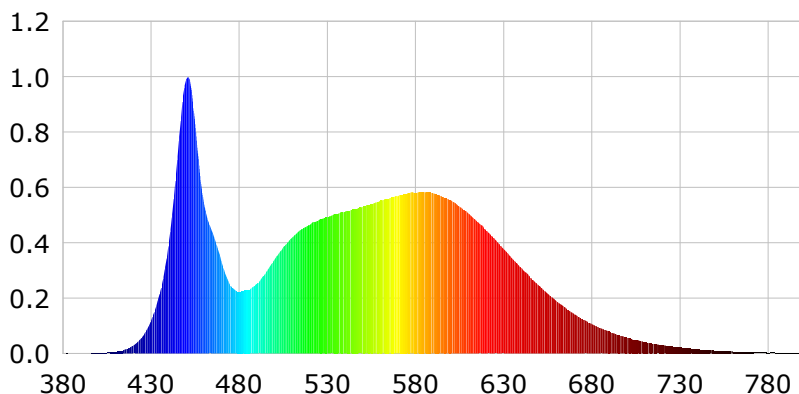
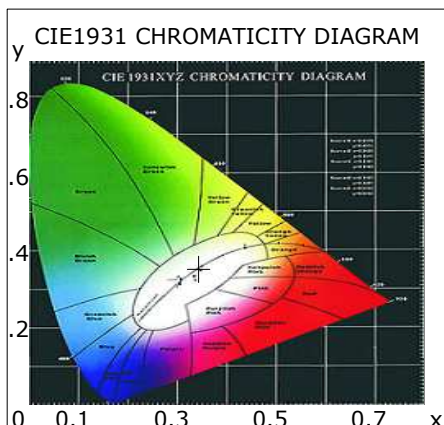
$Q_{11}=81$

$Q_{12}=79$

$Q_{13}=79$

$Q_{14}=71$

$Q_{15}=76$



Photometric Parameters

Luminous Flux: 8779.13 lm

Efficiency: 120.86 lm/W

Radiant Power: 26.900 W

Electric Parameters

Voltage: 221.00V

Current: 0.3370A

Power: 72.64W

Power Factor: 0.9750

Frequency: 49.99Hz

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 45252 (2867)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4PI

CCD Integration Time: 61.54 ms

Condition: $T_x=22.8^{\circ}C$, $T_i=23.0^{\circ}C$, R.H.:60%

Test Lab:

Operator: Abduganiev R.

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2019-03-26 14:30:02

Inspector: