

# Lightsource Test Report

## Product Infomation

Product Spec: FL 60 65W 5000K opal

Product Number: 1

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3429$   $y=0.3546$   $u(u')=0.2088$   $v=0.3239$   $v'=0.4858$

CCT:  $T_c=5094K$  ( $duv=0.00240$ )

Color Ratio:  $R=0.152$   $G=0.802$   $B=0.045$

Peak Wavelength: 451.2nm

Half Bandwidth: 19.6nm

Dominant Wavelength: 568.9nm

Color Purity: 0.093

CRI:  $R_a$ :  $R_a=83.2$

$R_1=82$

$R_2=85$

$R_3=85$

$R_4=88$

$R_5=82$

$R_6=78$

$R_7=91$

$R_8=74$

$R_9=12$

$R_{10}=62$

$R_{11}=87$

$R_{12}=50$

$R_{13}=82$

$R_{14}=92$

$R_{15}=79$

Color Quality Scale:  $Q_a=80.3$ ,  $Q_f=80.5$ ,  $Q_p=79.7$ ,  $Q_g=90.8$

$Q_1=83$

$Q_2=98$

$Q_3=77$

$Q_4=70$

$Q_5=76$

$Q_6=80$

$Q_7=86$

$Q_8=91$

$Q_9=96$

$Q_{10}=86$

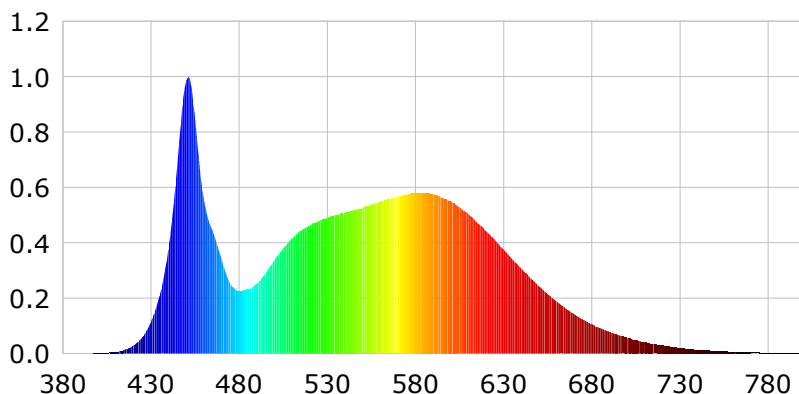
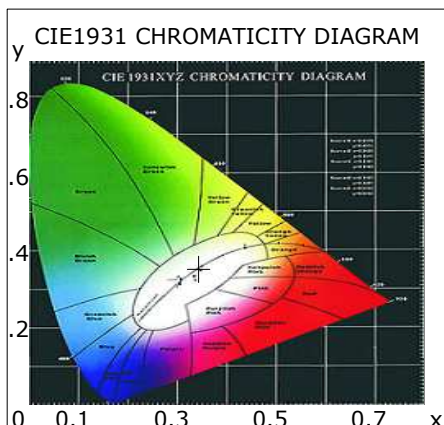
$Q_{11}=81$

$Q_{12}=79$

$Q_{13}=79$

$Q_{14}=71$

$Q_{15}=76$



## Photometric Parameters

Luminous Flux: 8022.24 lm

Efficiency: 122.42 lm/W

Radiant Power: 24.590 W

## Electric Parameters

Voltage: 220.80V

Current: 0.3030A

Power: 65.53W

Power Factor: 0.9790

Frequency: 49.99Hz

## Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 45642 (2871)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4PI

CCD Integration Time: 67.26 ms

Condition:  $T_x=21.8^{\circ}C$ ,  $T_i=21.5^{\circ}C$ , R.H.:60%

Test Lab:

Operator: Abduganiev R.

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2019-03-27 10:34:05

Inspector: