# Lightsource Test Report

## Product Infomation

Product Spec: FL 60 34W 5000K opal  Product Number: 1

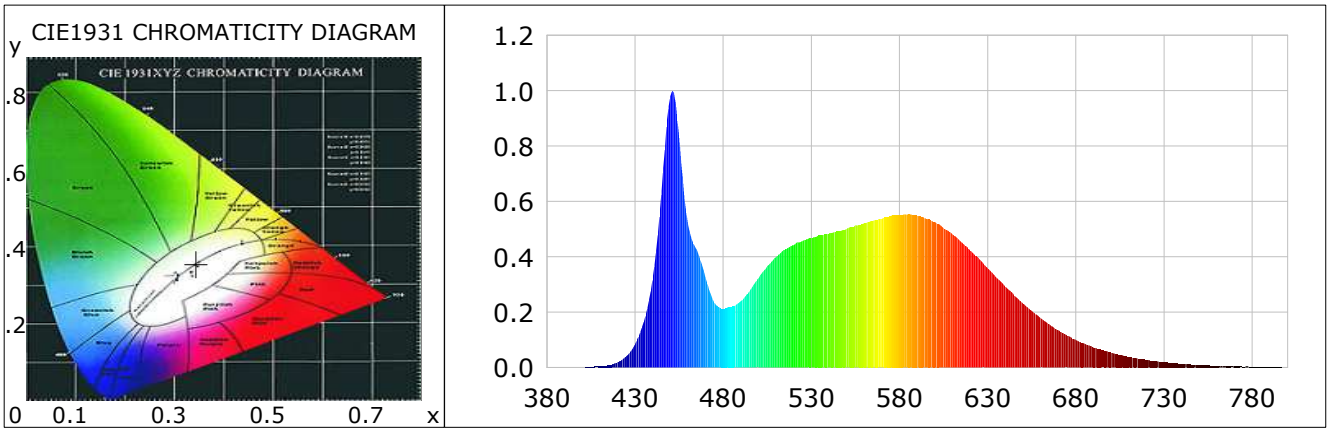
## CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3440 y=0.3567  u(u')=0.2088 v=0.3246 v'=0.4870
CCT: Tc=5058K (duv=0.00296)  Color Ratio: R=0.153 G=0.802 B=0.045
Peak Wavelength: 451.2nm  Half Bandwidth: 17.4nm
Dominant Wavelength: 569.1nm  Color Purity: 0.103
CRI: Ra: Ra= 83.2

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =82 | R2 =85 | R3 =86 | R4 =88 | R5 =82 | R6 =78 | R7 =91 | R8 =74 |
| R9 =12 | R10=62 | R11=87 | R12=49 | R13=82 | R14=92 | R15=79 | |

Color Quality Scale: Qa= 80.4, Qf= 80.7, Qp= 79.6, Qg= 90.6

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Q1 =82 | Q2 =98 | Q3 =77 | Q4 =70 | Q5 =76 | Q6 =80 | Q7 =85 | Q8 =91 |
| Q9 =96 | Q10=87 | Q11=81 | Q12=80 | Q13=80 | Q14=71 | Q15=76 | |




## Photometric Parameters

Luminous Flux: 4701.71 lm  Efficiency: 135.93 lm/W  Radiant Power: 14.346 W

## Electric Parameters

Voltage: 221.10V  Current: 0.1590A  Power: 34.59W
Power Factor: 0.9850  Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 45561 (2892)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 106.79 ms

Condition: Tx:22.4'C, Ti:22.0'C, R.H.:60%  Test Device: Lisun LMS-9000A(Plus)
Test Lab:  Test Time: 2019-03-27 12:56:31
Operator: Abdulganiev R.  Inspector: