

Lightsource Test Report

Product Information

Product Spec: FL 60 45W 5000K frozen

Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3441$ $y=0.3565$ $u(u')=0.2088$ $v=0.3246$ $v'=0.4869$

CCT: $T_c=5056K$ ($duv=0.00287$)

Color Ratio: $R=0.153$ $G=0.803$ $B=0.045$

Peak Wavelength: 451.0nm

Half Bandwidth: 18.2nm

Dominant Wavelength: 569.2nm

Color Purity: 0.102

CRI: R_a : $R_a=83.1$

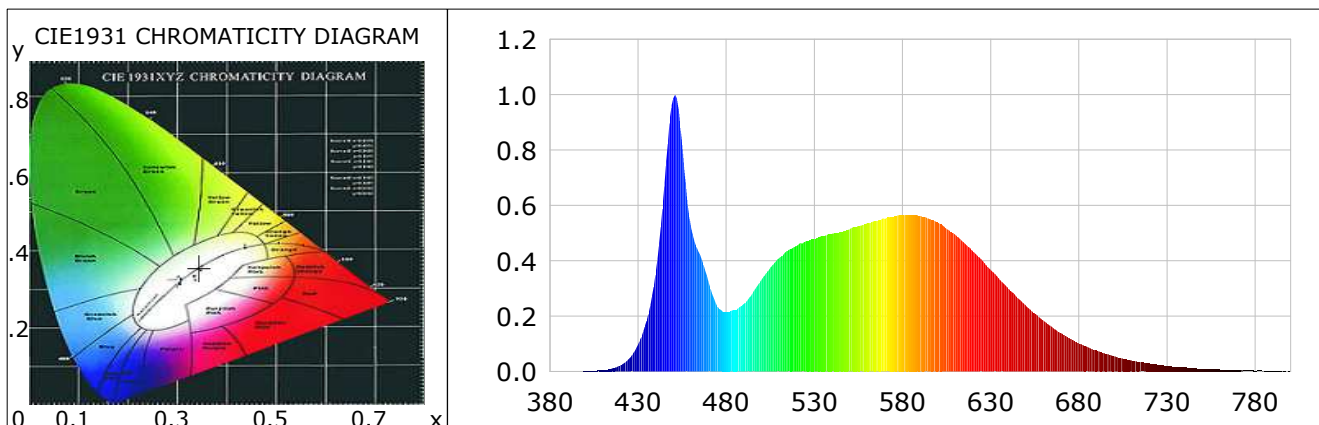
$R1=82$ $R2=85$ $R3=85$ $R4=88$ $R5=82$ $R6=78$ $R7=91$ $R8=74$

$R9=11$ $R10=62$ $R11=87$ $R12=50$ $R13=82$ $R14=92$ $R15=78$

Color Quality Scale: $Q_a=80.4$, $Q_f=80.6$, $Q_p=79.7$, $Q_g=90.7$

$Q1=83$ $Q2=98$ $Q3=77$ $Q4=70$ $Q5=77$ $Q6=80$ $Q7=86$ $Q8=91$

$Q9=96$ $Q10=86$ $Q11=81$ $Q12=80$ $Q13=80$ $Q14=71$ $Q15=76$



Photometric Parameters

Luminous Flux: 5961.13 lm

Efficiency: 131.27 lm/W

Radiant Power: 18.198 W

Electric Parameters

Voltage: 221.00V

Current: 0.2070A

Power: 45.41W

Power Factor: 0.9910

Frequency: 50.00Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 47701 (2894)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4PI

CCD Integration Time: 90.77 ms

Condition: $T_x=22.6^{\circ}C$, $T_i=22.5^{\circ}C$, R.H.:60%

Test Lab:

Operator: Abduganiev R.

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2019-03-27 13:08:46

Inspector: