

Lightsource Test Report

Product Information

Product Spec: FL 750 26W 4000K

Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3771$ $y=0.3749$ $u(u')=0.2236$ $v=0.3335$ $v'=0.5003$

CCT: $T_c=4080K$ ($duv=0.00012$)

Color Ratio: $R=0.181$ $G=0.783$ $B=0.037$

Peak Wavelength: 448.8nm

Half Bandwidth: 21.9nm

Dominant Wavelength: 578.7nm

Color Purity: 0.257

CRI: R_a : $R_a=85.4$

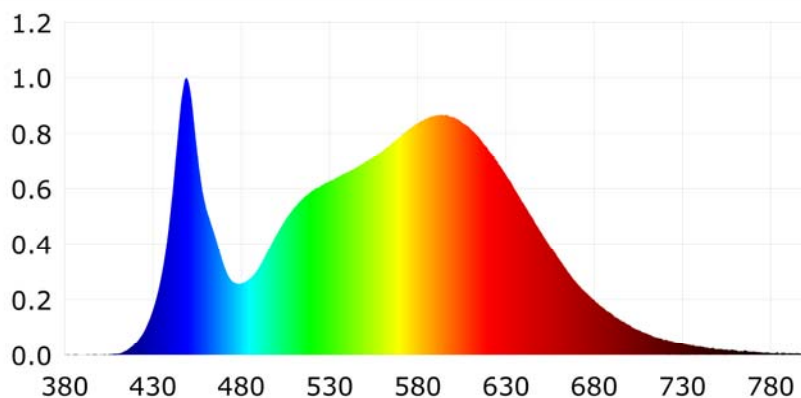
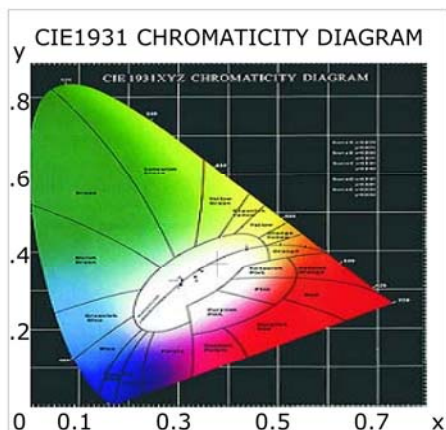
$R1=82$ $R2=89$ $R3=95$ $R4=83$ $R5=82$ $R6=85$ $R7=86$ $R8=65$

$R9=9$ $R10=74$ $R11=83$ $R12=64$ $R13=83$ $R14=97$ $R15=76$

Color Quality Scale: $Q_a=83.1$, $Q_f=83.2$, $Q_p=83.3$, $Q_g=93.3$

$Q1=82$ $Q2=99$ $Q3=80$ $Q4=78$ $Q5=83$ $Q6=84$ $Q7=86$ $Q8=89$

$Q9=98$ $Q10=88$ $Q11=85$ $Q12=84$ $Q13=84$ $Q14=73$ $Q15=76$



Photometric Parameters

Luminous Flux: 2770.58 lm

Efficiency: 101.23 lm/W

Radiant Power: 8.426 W

Electric Parameters

Voltage: 221.30V

Current: 0.1260A

Power: 27.37W

Power Factor: 0.9780

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 45085 (3280)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4PI

CCD Integration Time: 280.23 ms

Condition: $T_x=25.9^{\circ}C$, $T_i=24.5^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2018-09-21 14:12:33

Inspector: