

Lightsource Test Report

Product Infomation

Product Spec: FL 750 26W 5000K

Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3449$ $y=0.3578$ $u(u')=0.2089$ $v=0.3251$ $v'=0.4876$

CCT: $T_c=5028K$ ($duv=0.00313$)

Color Ratio: $R=0.154$ $G=0.801$ $B=0.045$

Peak Wavelength: 452.8nm

Half Bandwidth: 21.1nm

Dominant Wavelength: 569.5nm

Color Purity: 0.109

CRI: R_a : $R_a=85.2$

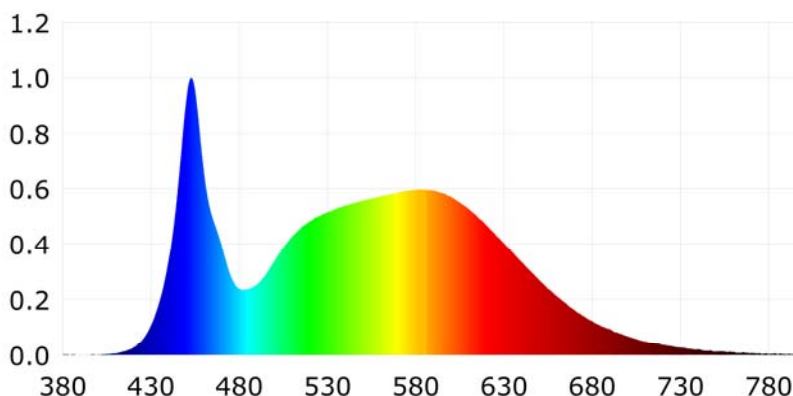
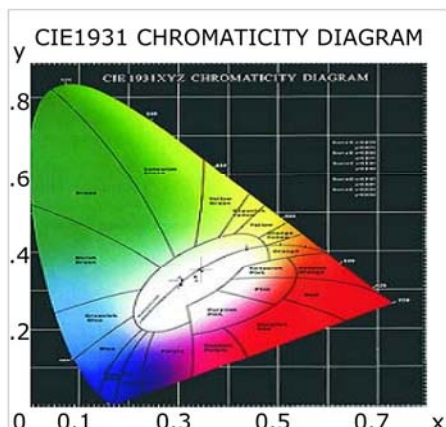
$R1=83$ $R2=85$ $R3=86$ $R4=88$ $R5=82$ $R6=78$ $R7=92$ $R8=75$

$R9=17$ $R10=63$ $R11=86$ $R12=49$ $R13=83$ $R14=92$ $R15=80$

Color Quality Scale: $Q_a=80.7$, $Q_f=81.0$, $Q_p=79.8$, $Q_g=90.7$

$Q1=83$ $Q2=98$ $Q3=77$ $Q4=70$ $Q5=76$ $Q6=79$ $Q7=85$ $Q8=91$

$Q9=96$ $Q10=87$ $Q11=82$ $Q12=81$ $Q13=81$ $Q14=73$ $Q15=77$



Photometric Parameters

Luminous Flux: 3147.26 lm

Efficiency: 118.50 lm/W

Radiant Power: 9.684 W

Electric Parameters

Voltage: 221.50V

Current: 0.1230A

Power: 26.56W

Power Factor: 0.9760

Frequency: 49.99Hz

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 49478 (3352)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4PI

CCD Integration Time: 186.71 ms

Condition: $T_x=27.6^{\circ}C$, $T_i=26.5^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2018-09-22 15:30:19

Inspector: