

# Lightsource Test Report

## Product Infomation

Product Spec: FL 750 26W 4000K

Product Number: 1

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3757$   $y=0.3751$   $u(u')=0.2227$   $v=0.3334$   $v'=0.5001$

CCT:  $T_c=4120K$  ( $duv=0.00061$ )

Color Ratio:  $R=0.177$   $G=0.787$   $B=0.036$

Peak Wavelength: 448.6nm

Half Bandwidth: 21.5nm

Dominant Wavelength: 578.2nm

Color Purity: 0.253

CRI:  $R_a$ :  $R_a=85.0$

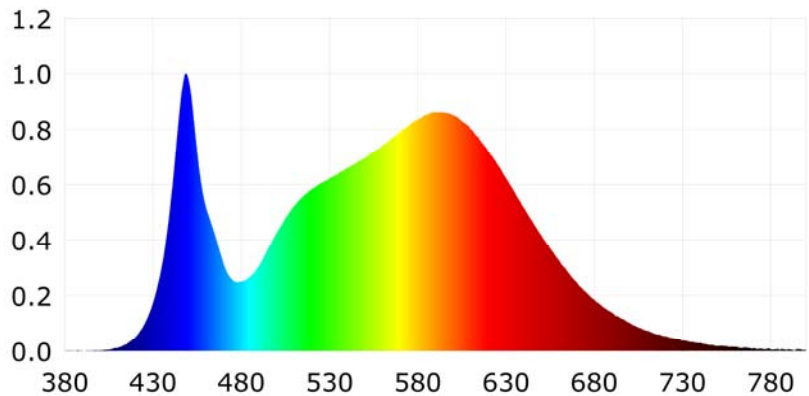
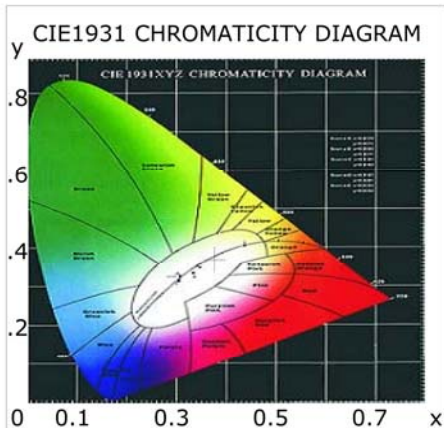
$R1=80$   $R2=88$   $R3=94$   $R4=82$   $R5=81$   $R6=84$   $R7=85$   $R8=63$

$R9=3$   $R10=71$   $R11=81$   $R12=63$   $R13=82$   $R14=97$   $R15=74$

Color Quality Scale:  $Q_a=82.0$ ,  $Q_f=82.2$ ,  $Q_p=82.1$ ,  $Q_g=92.5$

$Q1=81$   $Q2=99$   $Q3=79$   $Q4=76$   $Q5=82$   $Q6=83$   $Q7=85$   $Q8=89$

$Q9=97$   $Q10=88$   $Q11=84$   $Q12=83$   $Q13=82$   $Q14=71$   $Q15=74$



## Photometric Parameters

Luminous Flux: 3137.66 lm

Efficiency: 116.38 lm/W

Radiant Power: 9.466 W

## Electric Parameters

Voltage: 221.60V

Current: 0.1250A

Power: 26.96W

Power Factor: 0.9760

Frequency: 49.99Hz

## Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 45296 (3376)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4PI

CCD Integration Time: 248.95 ms

Condition:  $T_x=27.2^{\circ}C$ ,  $T_i=26.0^{\circ}C$ , R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2018-09-22 16:11:05

Inspector: