

## 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:  $R_a$ :  $R_a=85.1$

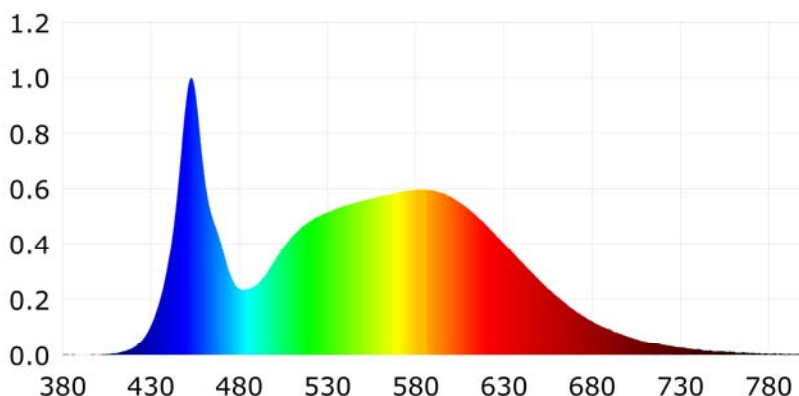
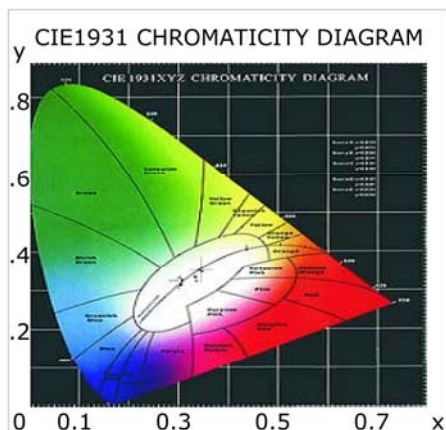
$R1=83$   $R2=85$   $R3=86$   $R4=88$   $R5=82$   $R6=78$   $R7=92$   $R8=75$

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

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: 2780.36 lm

Efficiency: 104.68 lm/W

Radiant Power: 8.339 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: