

## Lightsource Test Report

### Product Infomation

Product Spec: FL 500 A30 19W 4000K

Product Number: 1

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3442$   $y=0.3570$   $u(u')=0.2087$   $v=0.3248$   $v'=0.4871$

CCT:  $T_c=4054K$  ( $duv=0.00306$ )

Color Ratio:  $R=0.154$   $G=0.800$   $B=0.046$

Peak Wavelength: 454.3nm

Half Bandwidth: 20.0nm

Dominant Wavelength: 569.1nm

Color Purity: 0.104

CRI:  $R_a=85.1$

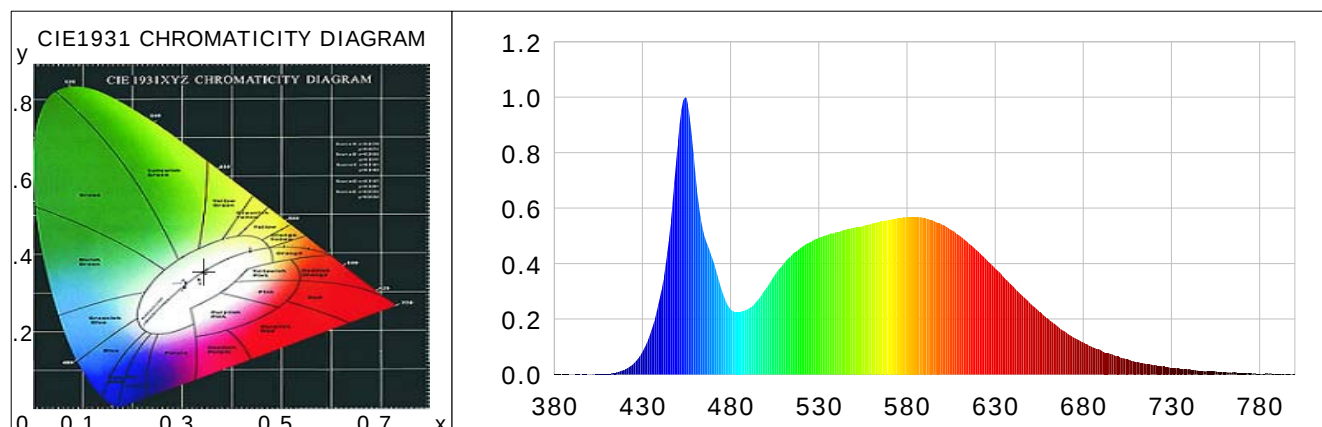
$R1=83$   $R2=86$   $R3=86$   $R4=87$   $R5=82$   $R6=79$   $R7=92$   $R8=75$

$R9=18$   $R10=64$   $R11=86$   $R12=47$   $R13=83$   $R14=92$   $R15=80$

Color Quality Scale:  $Q_a=80.4$ ,  $Q_f=80.6$ ,  $Q_p=79.3$ ,  $Q_g=90.4$

$Q1=82$   $Q2=98$   $Q3=77$   $Q4=68$   $Q5=74$   $Q6=77$   $Q7=85$   $Q8=91$

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



### Photometric Parameters

Luminous Flux: 2093.33 lm

Efficiency: 111.76 lm/W

Radiant Power: 6.440 W

### Electric Parameters

Voltage: 221.40V

Current: 0.0880A

Power: 18.73W

Power Factor: 0.9600

Frequency: 49.99Hz

### Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 42659 (3148)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4PI

CCD Integration Time: 200.00 ms

Condition:  $T_x=25.1^{\circ}C$ ,  $T_i=24.0^{\circ}C$ , R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2018-09-25 13:38:29

Inspector: