

Lightsource Test Report

Product Information

Product Number: FL 1500 A30 4x30

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3806$ $y=0.3786$ $u(u')=0.2245$ $v=0.3349$ $v'=0.5024$

CCT: $T_c=4009K$ ($duv=0.00079$)

Color Ratio: $R=0.184$ $G=0.779$ $B=0.037$

Peak Wavelength: 451.5nm

Half Bandwidth: 23.1nm

Dominant Wavelength: 578.6nm

Color Purity: 0.278

CRI: R_a : $R_a=83.9$

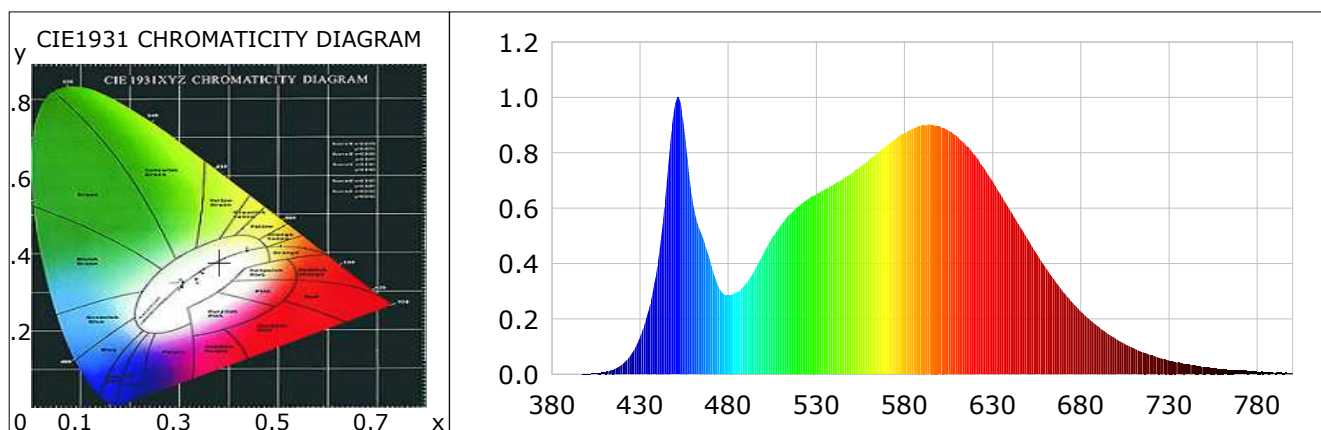
$R1=82$ $R2=90$ $R3=95$ $R4=83$ $R5=82$ $R6=86$ $R7=86$ $R8=66$

$R9=13$ $R10=76$ $R11=82$ $R12=63$ $R13=84$ $R14=98$ $R15=76$

Color Quality Scale: $Q_a=83.7$, $Q_f=83.9$, $Q_p=83.3$, $Q_g=92.7$

$Q1=83$ $Q2=98$ $Q3=81$ $Q4=77$ $Q5=82$ $Q6=84$ $Q7=86$ $Q8=89$

$Q9=98$ $Q10=90$ $Q11=86$ $Q12=85$ $Q13=85$ $Q14=74$ $Q15=77$



Photometric Parameters

Luminous Flux: 8282.45 lm

Efficiency: 102.66 lm/W

Radiant Power: 25.329 W

Electric Parameters

Voltage: 220.90V

Current: 0.3720A

Power: 80.68W

Power Factor: 0.9820

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 46590 (3133)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.00m, 4PI

CCD Integration Time: 99.51 ms

Condition: $T_x=25.8^{\circ}C$, $T_i=26.0^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2019-07-12 11:09:46

Inspector: