

## Lightsource Test Report

### Product Information

Product Number: 119

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3795$   $y=0.3776$   $u(u')=0.2241$   $v=0.3346$   $v'=0.5018$

CCT:  $T_c=4033K$  ( $duv=0.00069$ )

Color Ratio:  $R=0.183$   $G=0.779$   $B=0.038$

Peak Wavelength: 451.4nm

Half Bandwidth: 22.9nm

Dominant Wavelength: 578.6nm

Color Purity: 0.272

CRI:  $R_a$ :  $R_a=84.4$

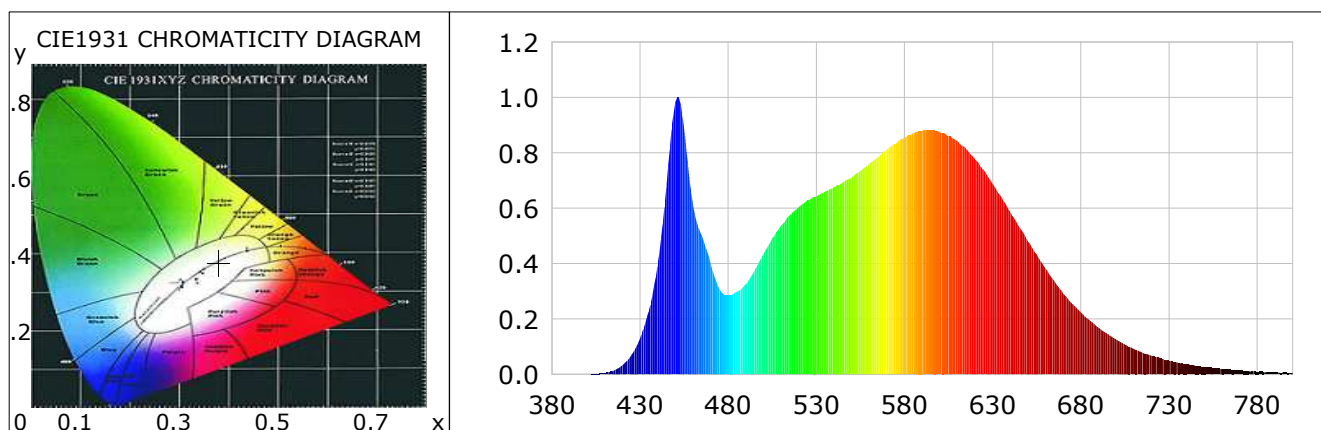
$R1=83$   $R2=90$   $R3=95$   $R4=83$   $R5=83$   $R6=87$   $R7=87$   $R8=67$

$R9=15$   $R10=77$   $R11=82$   $R12=63$   $R13=85$   $R14=98$   $R15=77$

Color Quality Scale:  $Q_a=84.0$ ,  $Q_f=84.3$ ,  $Q_p=83.8$ ,  $Q_g=93.0$

$Q1=83$   $Q2=98$   $Q3=81$   $Q4=78$   $Q5=83$   $Q6=84$   $Q7=86$   $Q8=90$

$Q9=98$   $Q10=90$   $Q11=87$   $Q12=85$   $Q13=85$   $Q14=75$   $Q15=78$



### Photometric Parameters

Luminous Flux: 8073.45 lm

Efficiency: 102.20 lm/W

Radiant Power: 24.757 W

### Electric Parameters

Voltage: 221.30V

Current: 0.3660A

Power: 79.00W

Power Factor: 0.9810

Frequency: 49.99Hz

### Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 45355 (3037)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.00m, 4PI

CCD Integration Time: 100.05 ms

Condition:  $T_x=24.5^{\circ}C$ ,  $T_i=24.0^{\circ}C$ , R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2019-05-24 15:54:53

Inspector: