



Lightsource Test Report

Product Infomation

Product Number: 6

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3794$ $y=0.3787$ $u(u')=0.2237$ $v=0.3349$ $v'=0.5023$

CCT: $T_c=4042K$ ($duv=0.00120$)

Color Ratio: $R=0.179$ $G=0.787$ $B=0.034$

Peak Wavelength: 449.7nm

Half Bandwidth: 15.6nm

Dominant Wavelength: 578.3nm

Color Purity: 0.275

Central Wave: 450.2nm

Gravity Wave: 450.1nm

CRI: $R_a=81.3$

TM30: $R_f=82$, $R_g=95$

GAI: $GAI_BB_8=90.7$, $GAI_BB_15=97.7$, $GAI_EES=72.2$

$R1=79$

$R2=87$

$R3=94$

$R4=81$

$R5=80$

$R6=83$

$R7=85$

$R8=62$

$R9=-1$

$R10=70$

$R11=80$

$R12=58$

$R13=81$

$R14=97$

$R15=73$

Color Quality Scale: $Q_a=81.4$, $Q_f=81.5$, $Q_p=81.4$, $Q_g=92.1$

$Q1=80$

$Q2=98$

$Q3=78$

$Q4=75$

$Q5=81$

$Q6=82$

$Q7=84$

$Q8=88$

$Q9=97$

$Q10=88$

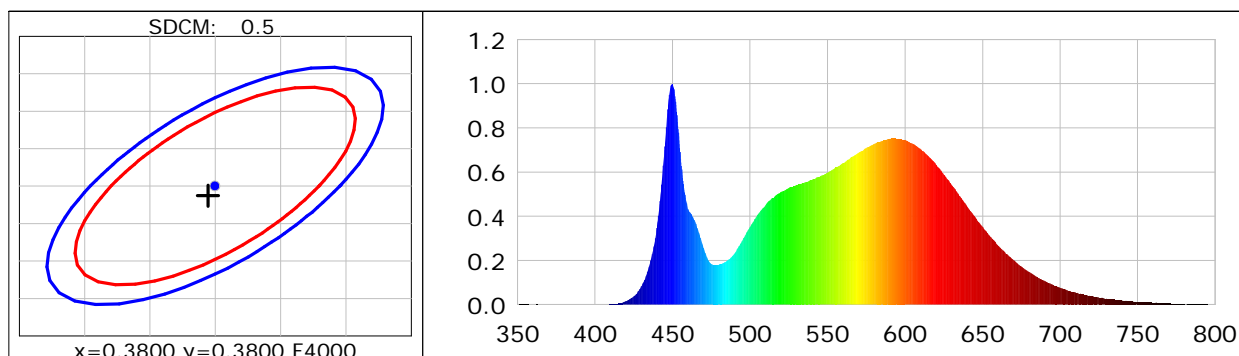
$Q11=84$

$Q12=83$

$Q13=82$

$Q14=70$

$Q15=74$



Photometric Parameters

Luminous Flux: 31173 lm

Efficiency: 156.91 lm/W

Radiant Power: 130.947 W

Total mains efficacy: 156.91 lm/W Energy Efficiency Class: A (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 219.59V

Current: 0.9056A

Power: 198.67W

Power Factor: 0.9991

Frequency: 49.99Hz

DF: 1.0000

Test Infomation

Scan Range: 350~800:1nm

Stabilization Time: 0 Min ALC.: 1.0000

Max of Signal: 46644 (2096)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4T

CCD Integration Time: 29.33 ms

Condition: Tx: 16.8°C, Ti: 15.3°C, R.H.: 60%

Test Lab:

Operator:

Test Device: CMS-3500S

Test Time: 2025-02-14 15:55:19

Inspector: