



Lightsource Test Report

Product Infomation

Product Number: 6

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3762$ $y=0.3735$ $u(u')=0.2236$ $v=0.3330$ $v'=0.4995$

CCT: $T_c=4096K$ ($duv=-0.00024$)

Color Ratio: $R=0.166$ $G=0.812$ $B=0.022$

Peak Wavelength: 445.9nm

Half Bandwidth: 15.8nm

Dominant Wavelength: 578.8nm

Color Purity: 0.250

Central Wave: 445.4nm

Gravity Wave: 445.6nm

CRI: $R_a=71.7$

TM30: $R_f=72$, $R_g=96$

GAI: $GAI_BB_8=91.7$, $GAI_BB_15=97.8$, $GAI_EES=73.7$

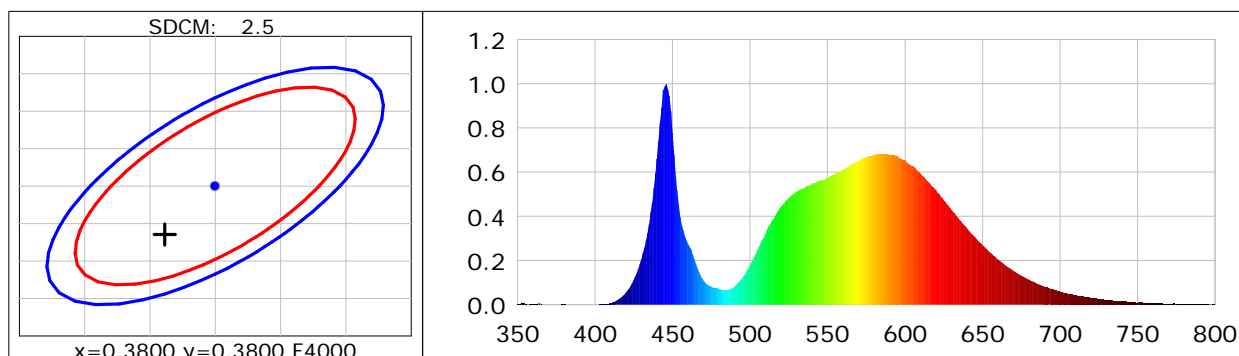
$R1=70$ $R2=77$ $R3=83$ $R4=72$ $R5=70$ $R6=68$ $R7=80$ $R8=54$

$R9=-29$ $R10=46$ $R11=69$ $R12=41$ $R13=70$ $R14=90$ $R15=63$

Color Quality Scale: $Q_a=71.9$, $Q_f=71.1$, $Q_p=74.7$, $Q_g=91.7$

$Q1=75$ $Q2=94$ $Q3=64$ $Q4=62$ $Q5=71$ $Q6=71$ $Q7=74$ $Q8=83$

$Q9=92$ $Q10=76$ $Q11=72$ $Q12=72$ $Q13=74$ $Q14=60$ $Q15=65$



Photometric Parameters

Luminous Flux: 24559 lm

Efficiency: 154.65 lm/W

Radiant Power: 70.403 W

Total mains efficacy: 154.65 lm/W Energy Efficiency Class: D (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 219.56V

Current: 0.7312A

Power: 158.81W

Power Factor: 0.9892

Frequency: 49.99Hz

DF: 0.9908

Test Infomation

Scan Range: 350~800:1nm

Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 Min ALC.: 1.0000

Photometric Condition: Sphere diameter: 2.00m, 4T

Max of Signal: 45622 (2435)

CCD Integration Time: 31.91 ms

Condition: Tx:21.9°C, Ti:20.4°C, R.H.:60%

Test Device: CMS-3500S

Test Lab:

Test Time: 2025-12-20 15:32:05

Operator:

Inspector: