



Lightsource Test Report

Product Infomation

Product Number: 7

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4510$ $y=0.4089$ $u(u')=0.2575$ $v=0.3502$ $v'=0.5254$

CCT: $T_c=2815K$ ($duv=0.00018$)

Color Ratio: $R=0.244$ $G=0.734$ $B=0.022$

Peak Wavelength: 607.1nm

Half Bandwidth: 120.1nm

Dominant Wavelength: 583.6nm

Color Purity: 0.581

Central Wave: 597.9nm

Gravity Wave: 600.9nm

CRI: $R_a=83.5$

TM30: $R_f=85$, $R_g=97$

GAI: $GAI_BB_8=94.0$, $GAI_BB_15=101.2$, $GAI_EES=49.0$

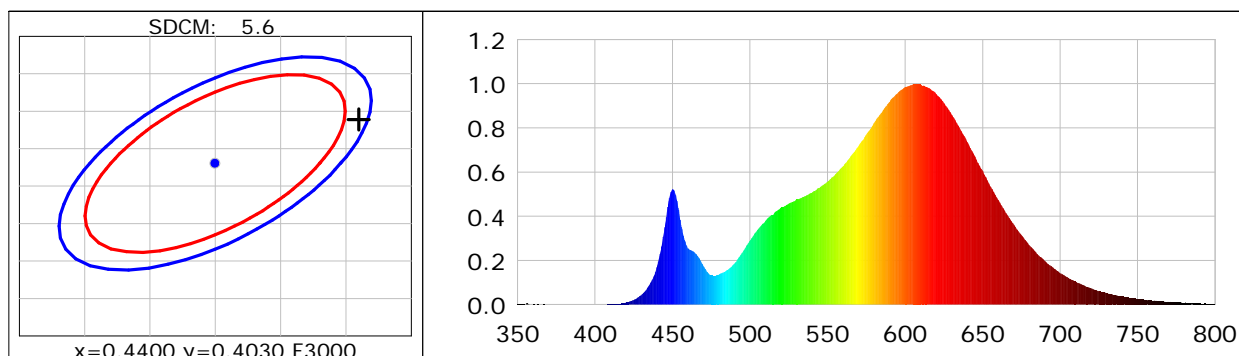
$R1=82$ $R2=91$ $R3=97$ $R4=83$ $R5=83$ $R6=91$ $R7=82$ $R8=59$

$R9=10$ $R10=81$ $R11=83$ $R12=73$ $R13=84$ $R14=99$ $R15=74$

Color Quality Scale: $Q_a=83.3$, $Q_f=85.1$, $Q_p=84.9$, $Q_g=91.9$

$Q1=78$ $Q2=95$ $Q3=84$ $Q4=82$ $Q5=85$ $Q6=85$ $Q7=84$ $Q8=86$

$Q9=95$ $Q10=90$ $Q11=88$ $Q12=85$ $Q13=84$ $Q14=73$ $Q15=74$



Photometric Parameters

Luminous Flux: 60934 lm

Efficiency: 154.80 lm/W

Radiant Power: 256.490 W

Total mains efficacy: 154.80 lm/W Energy Efficiency Class: A (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 219.87V

Current: 1.7925A

Power: 393.63W

Power Factor: 0.9987

Frequency: 49.99Hz

DF: 1.0000

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: 46021 (2092)

CCD Integration Time: 19.19 ms

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

Test Device: CMS-3500S

Test Lab:

Test Time: 2025-02-14 15:57:06

Operator:

Inspector: