



Lightsource Test Report

Product Infomation

Product Number: 212

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4409$ $y=0.3963$ $u(u')=0.2565$ $v=0.3459$ $v'=0.5189$

CCT: $T_c=2971K$ ($duv=-0.00359$)

Color Ratio: $R=0.222$ $G=0.764$ $B=0.014$

Peak Wavelength: 595.4nm

Half Bandwidth: 110.4nm

Dominant Wavelength: 584.7nm

Color Purity: 0.513

Central Wave: 591.4nm

Gravity Wave: 592.6nm

CRI: $R_a=70.6$

TM30: $R_f=70$, $R_g=97$

GAI: $GAI_BB_8=102.5$, $GAI_BB_15=108.7$, $GAI_EES=55.1$

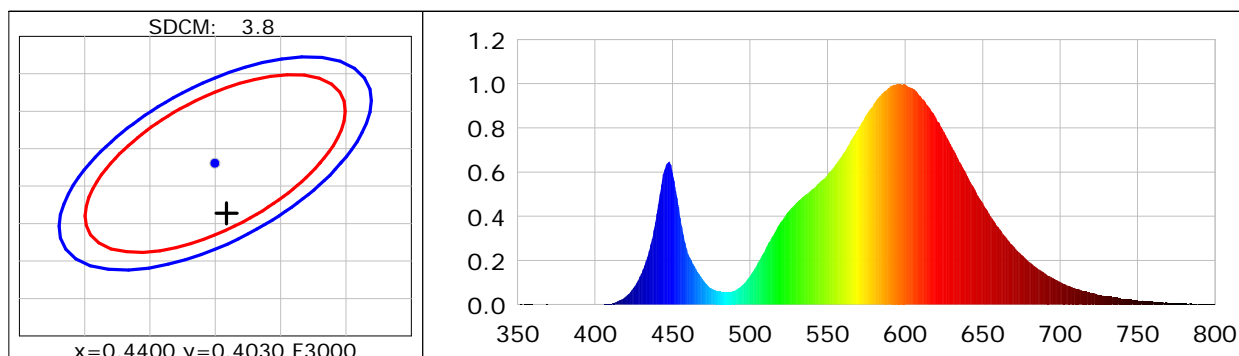
$R1=67$ $R2=81$ $R3=92$ $R4=67$ $R5=66$ $R6=74$ $R7=75$ $R8=42$

$R9=-34$ $R10=56$ $R11=61$ $R12=47$ $R13=70$ $R14=95$ $R15=61$

Color Quality Scale: $Q_a=69.3$, $Q_f=68.8$, $Q_p=75.1$, $Q_g=91.7$

$Q1=66$ $Q2=96$ $Q3=67$ $Q4=63$ $Q5=68$ $Q6=67$ $Q7=66$ $Q8=74$

$Q9=94$ $Q10=78$ $Q11=72$ $Q12=69$ $Q13=71$ $Q14=59$ $Q15=61$



Photometric Parameters

Luminous Flux: 50956 lm

Efficiency: 171.13 lm/W

Radiant Power: 154.172 W

Total mains efficacy: 171.13 lm/W Energy Efficiency Class: C (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 219.51V

Current: 1.3692A

Power: 297.76W

Power Factor: 0.9907

Frequency: 49.99Hz

DF: 0.9919

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: 44324 (4387)

CCD Integration Time: 22.14 ms

Condition: Tx: 38.2°C, Ti: 36.2°C, R.H.: 60%

Test Device: CMS-3500S

Test Lab:

Test Time: 2025-07-04 17:00:37

Operator:

Inspector: