



Lightsource Test Report

Product Infomation

Product Number: 568

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3383$ $y=0.3480$ $u(u')=0.2082$ $v=0.3213$ $v'=0.4819$

CCT: $T_c=5260K$ ($duv=0.00101$)

Color Ratio: $R=0.152$ $G=0.804$ $B=0.044$

Peak Wavelength: 447.9nm

Half Bandwidth: 18.5nm

Dominant Wavelength: 566.2nm

Color Purity: 0.059

Central Wave: 448.6nm

Gravity Wave: 448.4nm

CRI: $R_a=82.1$

TM30: $R_f=82$, $R_g=97$

GAI: $GAI_BB_8=94.8$, $GAI_BB_15=99.2$, $GAI_EES=85.5$

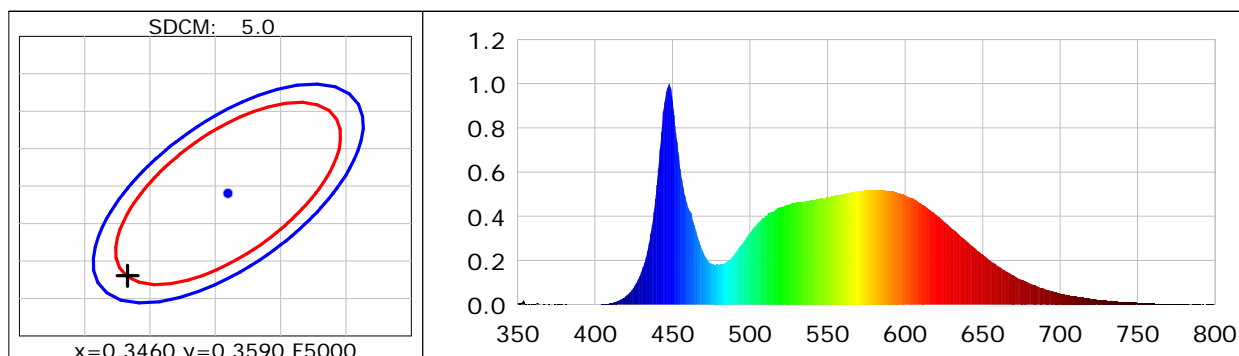
$R1=81$ $R2=86$ $R3=90$ $R4=83$ $R5=82$ $R6=81$ $R7=86$ $R8=68$

$R9=5$ $R10=67$ $R11=84$ $R12=62$ $R13=82$ $R14=94$ $R15=76$

Color Quality Scale: $Q_a=80.6$, $Q_f=80.1$, $Q_p=82.2$, $Q_g=94.0$

$Q1=83$ $Q2=96$ $Q3=75$ $Q4=73$ $Q5=81$ $Q6=84$ $Q7=86$ $Q8=90$

$Q9=95$ $Q10=83$ $Q11=80$ $Q12=79$ $Q13=80$ $Q14=70$ $Q15=75$



Photometric Parameters

Luminous Flux: 80023 lm

Efficiency: 155.36 lm/W

Radiant Power: 360.979 W

Total mains efficacy: 155.36 lm/W Energy Efficiency Class: A (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 219.92V

Current: 2.3563A

Power: 515.08W

Power Factor: 0.9940

Frequency: 49.99Hz

DF: 0.9956

Test Infomation

Scan Range: 350~800:1nm

Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 Min ALC.: 1.0000

Photometric Condition: Sphere diameter: 2.00m, 4 π

Max of Signal: 45121 (3182)

CCD Integration Time: 8.56 ms

Condition: Tx:29.8°C, Ti:28.5°C, R.H.:60%

Test Device: CMS-3500S

Test Lab:

Test Time: 2025-09-04 09:50:38

Operator:

Inspector: