



Lightsource Test Report

Product Infomation

Product Number: 192

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3426$ $y=0.3502$ $u(u')=0.2103$ $v=0.3224$ $v'=0.4836$

CCT: $T_c=5092K$ ($duv=0.00031$)

Color Ratio: $R=0.142$ $G=0.828$ $B=0.030$

Peak Wavelength: 448.3nm

Half Bandwidth: 18.4nm

Dominant Wavelength: 589.1nm

Color Purity: 0.079

Central Wave: 447.7nm

Gravity Wave: 447.8nm

CRI: $R_a=71.7$

TM30: $R_f=71$, $R_g=96$

GAI: $GAI_BB_8=91.9$, $GAI_BB_15=97.7$, $GAI_EES=81.6$

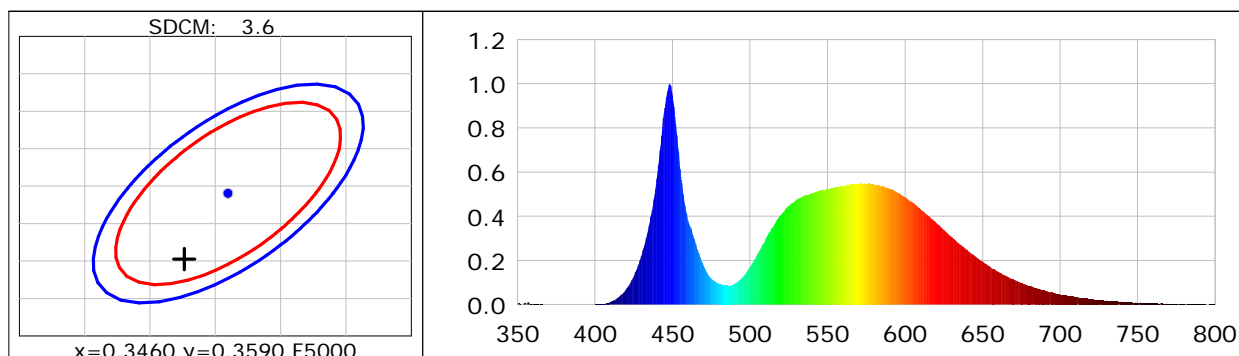
$R1=70$ $R2=76$ $R3=80$ $R4=73$ $R5=71$ $R6=67$ $R7=80$ $R8=57$

$R9=-30$ $R10=43$ $R11=70$ $R12=42$ $R13=70$ $R14=88$ $R15=65$

Color Quality Scale: $Q_a=70.0$, $Q_f=68.9$, $Q_p=73.4$, $Q_g=91.1$

$Q1=78$ $Q2=93$ $Q3=61$ $Q4=57$ $Q5=68$ $Q6=71$ $Q7=75$ $Q8=84$

$Q9=90$ $Q10=72$ $Q11=66$ $Q12=67$ $Q13=70$ $Q14=58$ $Q15=66$



Photometric Parameters

Luminous Flux: 42694 lm

Efficiency: 172.41 lm/W

Radiant Power: 149.263 W

Total mains efficacy: 172.41 lm/W Energy Efficiency Class: B (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 219.58V

Current: 1.1361A

Power: 247.63W

Power Factor: 0.9926

Frequency: 49.99Hz

DF: 0.9935

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: 44101 (3850)

CCD Integration Time: 15.51 ms

Condition: Tx: 34.7°C, Ti: 33.4°C, R.H.: 60%

Test Device: CMS-3500S

Test Lab:

Test Time: 2025-07-04 09:57:06

Operator:

Inspector: