



Lightsource Test Report

Product Infomation

Product Number: 317

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3319$ $y=0.3452$ $u(u')=0.2049$ $v=0.3197$ $v'=0.4796$

CCT: $T_c=5426K$ ($duv=0.00237$)

Color Ratio: $R=0.134$ $G=0.827$ $B=0.039$

Peak Wavelength: 453.3nm

Half Bandwidth: 19.9nm

Dominant Wavelength: 548.3nm

Color Purity: 0.032

Central Wave: 452.5nm

Gravity Wave: 452.6nm

CRI: $R_a=73.9$

TM30: $R_f=74$, $R_g=92$

GAI: $GAI_BB_8=87.4$, $GAI_BB_15=94.3$, $GAI_EES=80.5$

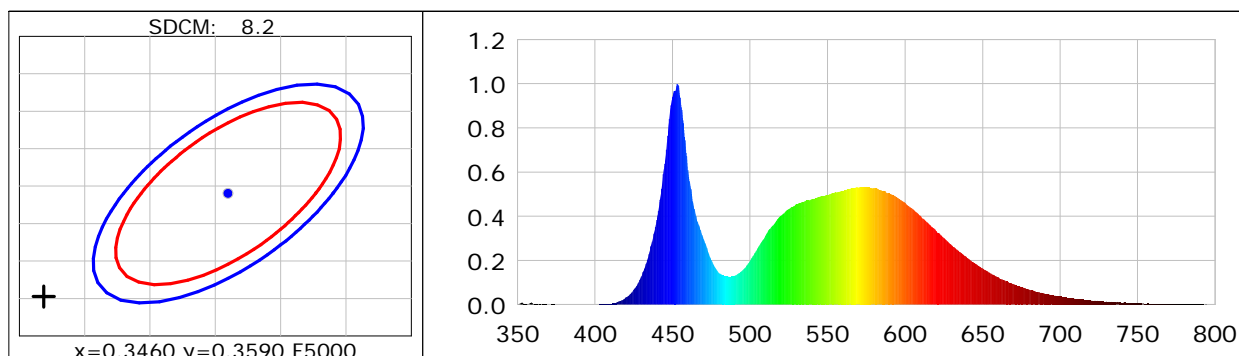
$R1=71$ $R2=80$ $R3=85$ $R4=73$ $R5=72$ $R6=72$ $R7=82$ $R8=56$

$R9=-33$ $R10=51$ $R11=69$ $R12=44$ $R13=73$ $R14=92$ $R15=65$

Color Quality Scale: $Q_a=71.4$, $Q_f=71.1$, $Q_p=72.7$, $Q_g=88.1$

$Q1=78$ $Q2=96$ $Q3=66$ $Q4=58$ $Q5=67$ $Q6=71$ $Q7=77$ $Q8=84$

$Q9=93$ $Q10=77$ $Q11=70$ $Q12=70$ $Q13=71$ $Q14=57$ $Q15=66$



Photometric Parameters

Luminous Flux: 24597 lm

Efficiency: 135.73 lm/W

Radiant Power: 96.076 W

Total mains efficacy: 135.73 lm/W Energy Efficiency Class: C (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 219.43V

Current: 0.8334A

Power: 181.22W

Power Factor: 0.9910

Frequency: 49.99Hz

DF: 0.9932

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: 43688 (3206)

CCD Integration Time: 25.63 ms

Condition: Tx:29.8°C, Ti:28.8°C, R.H.:60%

Test Device: CMS-3500S

Test Lab:

Test Time: 2025-10-17 09:27:21

Operator:

Inspector: