



Lightsource Test Report

Product Infomation

Product Number: 154

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3123$ $y=0.3222$ $u(u')=0.2001$ $v=0.3097$ $v'=0.4646$

CCT: $T_c=6586K$ ($duv=-0.00010$)

Color Ratio: $R=0.126$ $G=0.836$ $B=0.038$

Peak Wavelength: 449.1nm

Half Bandwidth: 18.2nm

Dominant Wavelength: 484.6nm

Color Purity: 0.080

Central Wave: 449.0nm

Gravity Wave: 449.0nm

CRI: $R_a=72.8$

TM30: $R_f=72$, $R_g=94$

GAI: $GAI_BB_8=88.7$, $GAI_BB_15=94.7$, $GAI_EES=85.3$

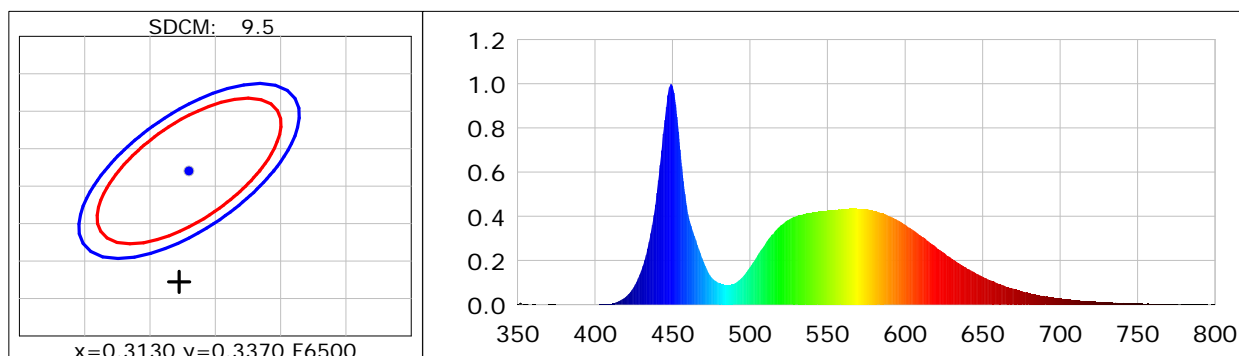
$R1=71$ $R2=77$ $R3=80$ $R4=74$ $R5=72$ $R6=68$ $R7=81$ $R8=59$

$R9=-31$ $R10=44$ $R11=72$ $R12=41$ $R13=72$ $R14=89$ $R15=66$

Color Quality Scale: $Q_a=70.6$, $Q_f=69.6$, $Q_p=73.7$, $Q_g=89.4$

$Q1=80$ $Q2=94$ $Q3=63$ $Q4=56$ $Q5=68$ $Q6=73$ $Q7=78$ $Q8=86$

$Q9=90$ $Q10=73$ $Q11=67$ $Q12=68$ $Q13=70$ $Q14=58$ $Q15=67$



Photometric Parameters

Luminous Flux: 8301.0 lm

Efficiency: 130.88 lm/W

Radiant Power: 25.348 W

Total mains efficacy: 130.88 lm/W Energy Efficiency Class: E (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 219.42V

Current: 0.2909A

Power: 63.42W

Power Factor: 0.9935

Frequency: 49.99Hz

DF: 0.9951

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: 48658 (2207)

CCD Integration Time: 100.00 ms

Condition: Tx: 17.5°C, Ti: 15.8°C, R.H.: 60%

Test Device: CMS-3500S

Test Lab:

Test Time: 2025-01-09 14:56:03

Operator:

Inspector: