



Lightsource Test Report

Product Infomation

Product Number: 907

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4310$ $y=0.4057$ $u(u')=0.2460$ $v=0.3474$ $v'=0.5211$

CCT: $T_c=3117K$ ($duv=0.00154$)

Color Ratio: $R=0.205$ $G=0.779$ $B=0.016$

Peak Wavelength: 593.0nm

Half Bandwidth: 124.6nm

Dominant Wavelength: 581.8nm

Color Purity: 0.512

Central Wave: 587.6nm

Gravity Wave: 589.4nm

CRI: $R_a=71.1$

TM30: $R_f=73$, $R_g=95$

GAI: $GAI_BB_8=87.8$, $GAI_BB_15=96.5$, $GAI_EES=53.1$

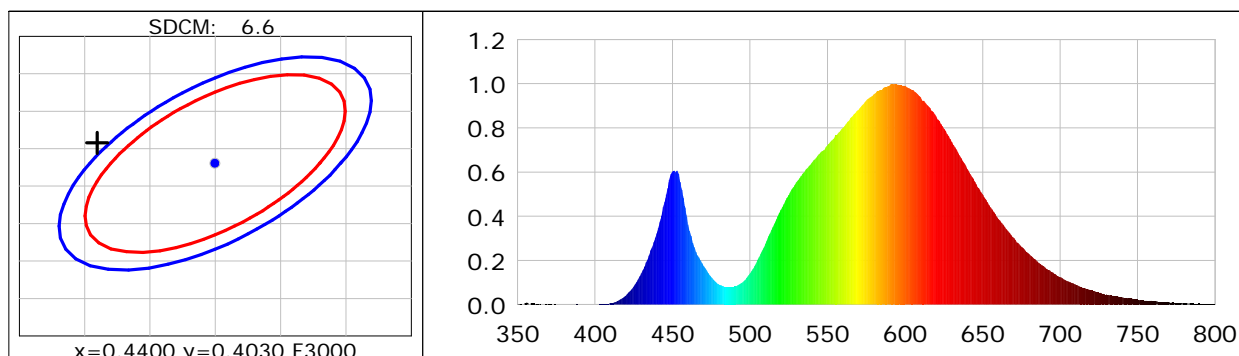
$R1=68$ $R2=80$ $R3=89$ $R4=68$ $R5=66$ $R6=70$ $R7=80$ $R8=48$

$R9=-27$ $R10=51$ $R11=61$ $R12=39$ $R13=70$ $R14=93$ $R15=62$

Color Quality Scale: $Q_a=71.5$, $Q_f=72.3$, $Q_p=73.7$, $Q_g=89.0$

$Q1=71$ $Q2=96$ $Q3=67$ $Q4=62$ $Q5=68$ $Q6=68$ $Q7=69$ $Q8=78$

$Q9=94$ $Q10=79$ $Q11=74$ $Q12=73$ $Q13=74$ $Q14=61$ $Q15=64$



Photometric Parameters

Luminous Flux: 9708.7 lm

Efficiency: 102.89 lm/W

Radiant Power: 33.252 W

Total mains efficacy: 102.89 lm/W Energy Efficiency Class: E (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 219.30V

Current: 0.4335A

Power: 94.36W

Power Factor: 0.9926

Frequency: 49.99Hz

DF: 0.9989

Test Infomation

Scan Range: 350~800:1nm

Stabilization Time: 0 Min ALC.: 1.0000

Max of Signal: 44960 (3432)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4T

CCD Integration Time: 120.27 ms

Condition: Tx:29.6°C, Ti:26.8°C, R.H.:60%

Test Lab:

Operator:

Test Device: CMS-3500S

Test Time: 2025-09-20 09:01:01

Inspector: