



Lightsource Test Report

Product Infomation

Product Number: 39

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3438$ $y=0.3528$ $u(u')=0.2100$ $v=0.3234$ $v'=0.4851$

CCT: $T_c=5056K$ ($duv=0.00115$)

Color Ratio: $R=0.143$ $G=0.831$ $B=0.026$

Peak Wavelength: 441.6nm

Half Bandwidth: 18.8nm

Dominant Wavelength: 570.7nm

Color Purity: 0.090

Central Wave: 441.0nm

Gravity Wave: 441.4nm

CRI: $R_a=70.6$

TM30: $R_f=69$ $R_g=98$

GAI: $GAI_BB_8=93.8$, $GAI_BB_15=96.3$, $GAI_EES=82.9$

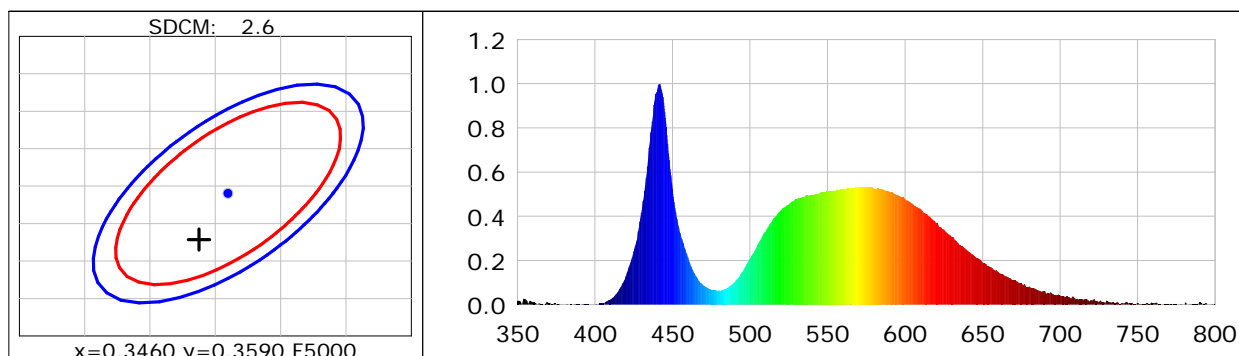
$R1=70$ $R2=74$ $R3=77$ $R4=73$ $R5=71$ $R6=66$ $R7=76$ $R8=57$

$R9=-29$ $R10=38$ $R11=74$ $R12=47$ $R13=69$ $R14=87$ $R15=63$

Color Quality Scale: $Q_a=71.1$, $Q_f=69.5$, $Q_p=75.8$, $Q_g=93.1$

$Q1=75$ $Q2=90$ $Q3=64$ $Q4=64$ $Q5=72$ $Q6=72$ $Q7=75$ $Q8=86$

$Q9=89$ $Q10=71$ $Q11=67$ $Q12=69$ $Q13=71$ $Q14=58$ $Q15=65$



Photometric Parameters

Luminous Flux: 7179.0 lm

Efficiency: 146.48 lm/W

Radiant Power: 17.083 W

Total mains efficacy: 146.48 lm/W Energy Efficiency Class: E (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 219.40V

Current: 0.2266A

Power: 49.01W

Power Factor: 0.9857

Frequency: 49.99Hz

DF: 0.9946

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: 43997 (4765)

CCD Integration Time: 349.26 ms

Condition: Tx: 34.5°C, Ti: 32.4°C, R.H.: 60%

Test Lab:

Operator:

Test Device: CMS-3500S

Test Time: 2024-09-20 19:18:12

Inspector: