



Lightsource Test Report

Product Infomation

Product Number: 325

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3119$ $y=0.3341$ $u(u')=0.1954$ $v=0.3139$ $v'=0.4709$

CCT: $T_c=6512K$ ($duv=0.00619$)

Color Ratio: $R=0.133$ $G=0.811$ $B=0.056$

Peak Wavelength: 454.4nm

Half Bandwidth: 21.5nm

Dominant Wavelength: 492.2nm

Color Purity: 0.072

Central Wave: 455.9nm

Gravity Wave: 455.3nm

CRI: $R_a=81.6$

TM30: $R_f=81$, $R_g=91$

GAI: $GAI_BB_8=85.6$, $GAI_BB_15=92.2$, $GAI_EES=82.2$

$R1=79$

$R2=89$

$R3=93$

$R4=78$

$R5=79$

$R6=84$

$R7=86$

$R8=65$

$R9=-4$

$R10=72$

$R11=77$

$R12=53$

$R13=82$

$R14=97$

$R15=73$

Color Quality Scale: $Q_a=80.3$, $Q_f=80.7$, $Q_p=78.8$, $Q_g=88.6$

$Q1=79$

$Q2=97$

$Q3=80$

$Q4=72$

$Q5=76$

$Q6=78$

$Q7=82$

$Q8=88$

$Q9=97$

$Q10=89$

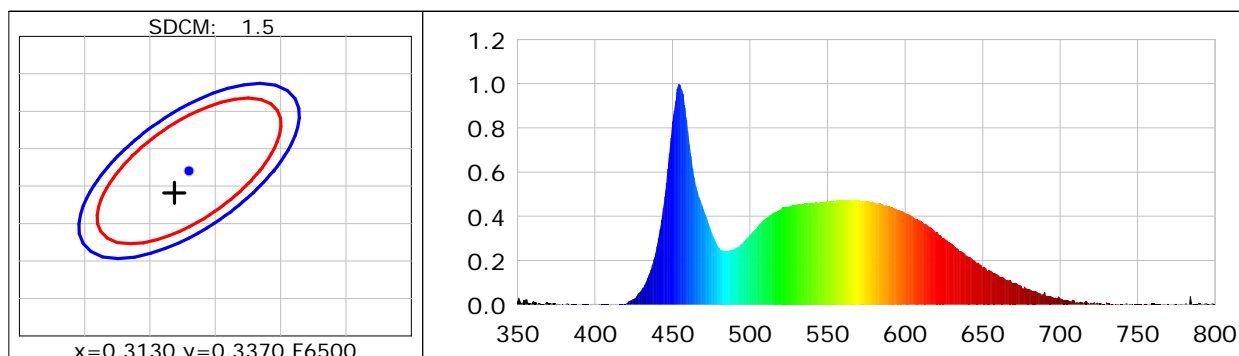
$Q11=85$

$Q12=83$

$Q13=82$

$Q14=68$

$Q15=73$



Photometric Parameters

Luminous Flux: 937.63 lm

Efficiency: 97.67 lm/W

Radiant Power: 1.405 W

Total mains efficacy: 97.67 lm/W Energy Efficiency Class: F (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 219.74V

Current: 0.0466A

Power: 9.60W

Power Factor: 0.9868

Frequency: 49.99Hz

DF: 0.9969

Test Infomation

Scan Range: 350~800:1nm

Stabilization Time: 0 Min ALC.: 1.0000

Max of Signal: 53338 (3424)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4T

CCD Integration Time: 4991.62 ms

Condition: Tx: 12.8°C, Ti: 11.9°C, R.H.: 60%

Test Lab:

Operator:

Test Device: CMS-3500S

Test Time: 2024-09-20 13:25:12

Inspector: