



Lightsource Test Report

Product Infomation

Product Number: 767

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4326$ $y=0.3990$ $u(u')=0.2500$ $v=0.3458$ $v'=0.5187$

CCT: $T_c=3032K$ ($duv=-0.00143$)

Color Ratio: $R=0.226$ $G=0.747$ $B=0.026$

Peak Wavelength: 602.0nm

Half Bandwidth: 120.9nm

Dominant Wavelength: 583.2nm

Color Purity: 0.496

Central Wave: 591.9nm

Gravity Wave: 595.3nm

CRI: $R_a=81.4$

TM30: $R_f=84$, $R_g=96$

GAI: $GAI_BB_8=96.3$, $GAI_BB_15=102.9$, $GAI_EES=56.1$

$R1=80$

$R2=91$

$R3=95$

$R4=80$

$R5=81$

$R6=90$

$R7=80$

$R8=55$

$R9=-1$

$R10=80$

$R11=79$

$R12=73$

$R13=82$

$R14=98$

$R15=72$

Color Quality Scale: $Q_a=81.2$, $Q_f=82.6$, $Q_p=82.8$, $Q_g=91.4$

$Q1=77$

$Q2=95$

$Q3=82$

$Q4=79$

$Q5=82$

$Q6=83$

$Q7=83$

$Q8=85$

$Q9=95$

$Q10=89$

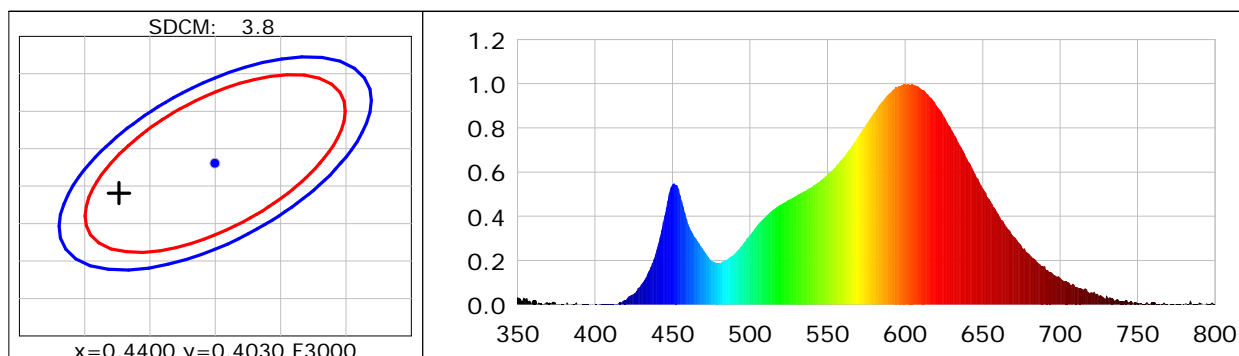
$Q11=85$

$Q12=82$

$Q13=81$

$Q14=70$

$Q15=72$



Photometric Parameters

Luminous Flux: 948.0 lm

Efficiency: 98.04 lm/W

Radiant Power: 3.480 W

Total mains efficacy: 98.04 lm/W Energy Efficiency Class: E (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 219.63V

Current: 0.0444A

Power: 9.67W

Power Factor: 0.9913

Frequency: 49.99Hz

DF: 0.9936

Test Infomation

Scan Range: 350~800:1nm

Stabilization Time: 0 Min ALC.: 1.0000

Max of Signal: 44691 (4786)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4T

CCD Integration Time: 1155.47 ms

Condition: Tx:29.4°C, Ti:27.6°C, R.H.:60%

Test Lab:

Operator:

Test Device: CMS-3500S

Test Time: 2025-09-12 12:43:11

Inspector: