

Lightsource Test Report

Product Infomation

Product Type: C 6000K

Product Number: 23

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3107$ $y=0.3362$ $u(u')=0.1938$ $v=0.3146$ $v'=0.4718$

CCT: $T_c=6556K$ ($duv=0.00785$)

Color Ratio: $R=0.122$ $G=0.831$ $B=0.048$

Peak Wavelength: 447.2nm

Half Bandwidth: 20.0nm

Dominant Wavelength: 493.4nm

Color Purity: 0.074

Central Wave: 447.9nm

Gravity Wave: 447.6nm

CRI: $R_a=76.7$

TM30: $R_f=79$, $R_g=94$

GAI: $GAI_BB_8=86.6$, $GAI_BB_15=91.4$, $GAI_EES=84.7$

R1 =73

R2 =80

R3 =86

R4 =78

R5 =76

R6 =75

R7 =85

R8 =63

R9 =-22

R10=54

R11=77

R12=54

R13=74

R14=92

R15=67

Color Quality Scale: $Q_a=77.6$, $Q_f=77.4$, $Q_p=78.4$, $Q_g=89.5$

Q1 =82

Q2 =96

Q3 =74

Q4 =70

Q5 =77

Q6 =79

Q7 =82

Q8 =88

Q9 =95

Q10=81

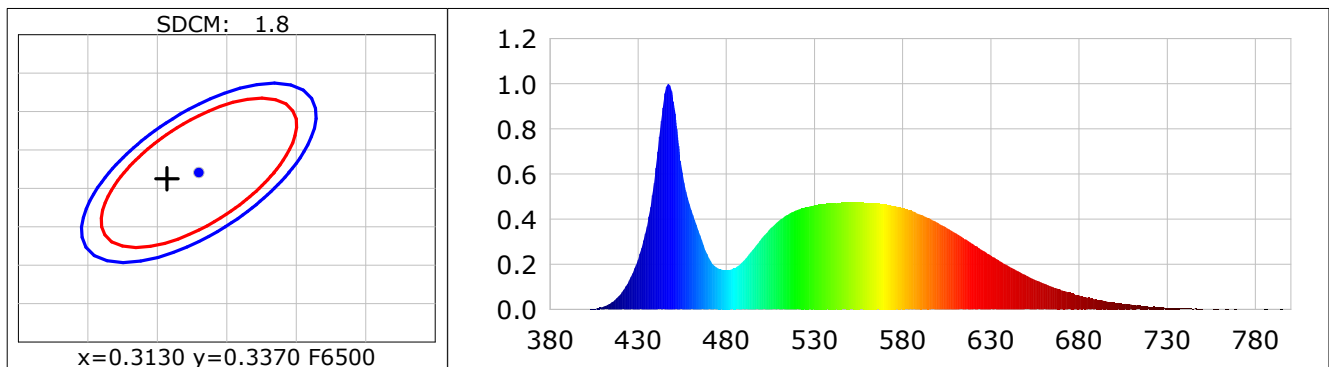
Q11=77

Q12=77

Q13=77

Q14=62

Q15=70



Photometric Parameters

Luminous Flux: 1520.6 lm

Efficiency: 0.00 lm/W

Radiant Power: 4.720 W

Total mains efficacy: 0.00 lm/W

Energy Efficiency Class: G (EU 2019/2015)

Electric Parameters

Voltage: 230.30V

Current: 0.0000A

Power: 0.00W

Power Factor: 0.0000

Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm

Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 Sec ALC.: 1.0000

Photometric Condition: Sphere diameter: 1.50m, 4T

Max of Signal: 44926 (2501)

CCD Integration Time: 157.83 ms

Condition: $T_x:28.3^{\circ}C$, $T_i:26.7^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: CMS-2S (Plus)

Test Time: 2022-05-05 11:16:12

Inspector: