

Lightsource Test Report

Product Infomation

Product Type: 24V 12mm 5050-120灯 RGBW-G

Product Number: 7

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.1593$ $y=0.7247$ $u(u')=0.0560$ $v=0.3822$ $v'=0.5732$ CCT: $T_c=8006K$ ($duv=0.16043$)Color Ratio: $R=0.003$ $G=0.974$ $B=0.023$

Peak Wavelength: 518.7nm

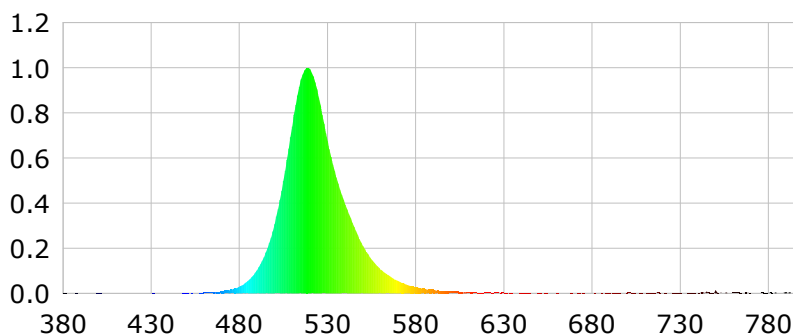
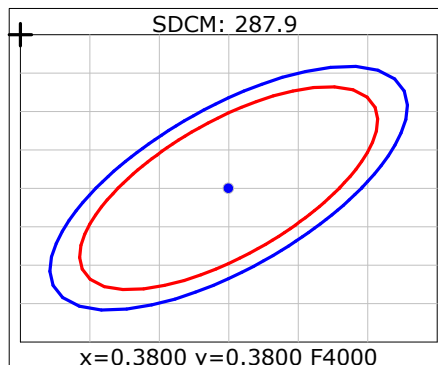
Half Bandwidth: 30.6nm

Dominant Wavelength: 525.0nm

Color Purity: 0.794

Central Wave: 520.3nm

Gravity Wave: 519.9nm

CRI: $R_a=-24.5$, $avgR(1\sim14)=-56.3$, $avgR(1\sim15)=-54.7$ TM30: $R_f=2$, $R_g=8$ GAI: $GAI_BB_8=0.7$, $GAI_BB_15=1.0$, $GAI_EES=0.7$ $R1=-35$ $R2=-9$ $R3=-25$ $R4=-66$ $R5=-10$ $R6=-16$ $R7=-6$ $R8=-31$ $R9=-355$ $R10=-107$ $R11=-94$ $R12=-32$ $R13=-41$ $R14=38$ $R15=-32$ Color Quality Scale: $Q_a=0.3$, $Q_f=0.6$, $Q_p=0.0$, $Q_g=4.9$ $Q1=2$ $Q2=3$ $Q3=17$ $Q4=36$ $Q5=21$ $Q6=1$ $Q7=0$ $Q8=0$ $Q9=0$ $Q10=0$ $Q11=0$ $Q12=0$ $Q13=0$ $Q14=0$ $Q15=0$ 

Photometric Parameters

Luminous Flux: 295.86 lm

Efficiency: 62.33 lm/W

Radiant Power: 0.627 W

Total mains efficacy: 62.33 lm/W

Energy Efficiency Class: G (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 24.000V

Current: 0.1978A

Power: 4.75W

Power Factor: 1.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 1 Min ALC.: 1.0000

Max of Signal: 45122 (3264)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4T

CCD Integration Time: 411.70 ms

Condition: $T_x:28.4^{\circ}C$, $T_i:25.7^{\circ}C$, R.H.:60%

Test Lab: Back Morning

Operator: STY

Test Device: CMS-2S (Plus)

Test Time: 2023-06-19 15:31:02

Inspector: