

## Lightsource Test Report

### Product Infomation

Product Type: 24V 10mm 5050-60灯 RGBW-G

Product Number: 6

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.1611$   $y=0.7214$   $u(u')=0.0568$   $v=0.3819$   $v'=0.5728$

CCT:  $T_c=7988K$  ( $duv=0.15954$ )

Color Ratio:  $R=0.003$   $G=0.973$   $B=0.024$

Peak Wavelength: 518.1nm

Half Bandwidth: 32.2nm

Dominant Wavelength: 525.1nm

Color Purity: 0.788

Central Wave: 520.2nm

Gravity Wave: 519.5nm

CRI:  $R_a=-23.8$ ,  $avgR(1\sim14)=-55.4$ ,  $avgR(1\sim15)=-53.8$

TM30:  $R_f=2$ ,  $R_g=9$

GAI:  $GAI\_BB\_8=0.7$ ,  $GAI\_BB\_15=1.1$ ,  $GAI\_EES=0.7$

$R1=-34$

$R2=-8$

$R3=-23$

$R4=-65$

$R5=-9$

$R6=-15$

$R7=-5$

$R8=-30$

$R9=-354$

$R10=-105$

$R11=-94$

$R12=-30$

$R13=-40$

$R14=38$

$R15=-32$

Color Quality Scale:  $Q_a=0.3$ ,  $Q_f=0.7$ ,  $Q_p=0.0$ ,  $Q_g=5.2$

$Q1=2$

$Q2=4$

$Q3=18$

$Q4=37$

$Q5=22$

$Q6=1$

$Q7=0$

$Q8=0$

$Q9=0$

$Q10=0$

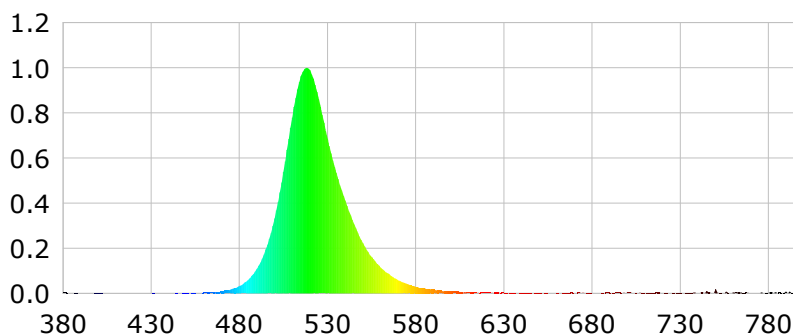
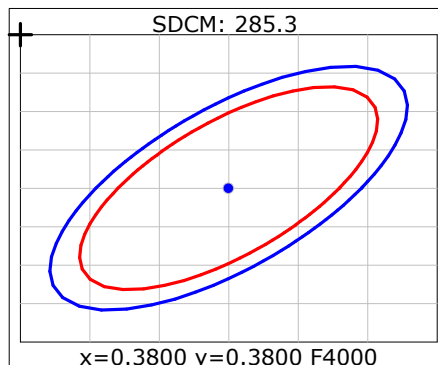
$Q11=0$

$Q12=0$

$Q13=0$

$Q14=0$

$Q15=0$



### Photometric Parameters

Luminous Flux: 220.33 lm

Efficiency: 61.55 lm/W

Radiant Power: 0.470 W

Total mains efficacy: 61.55 lm/W

Energy Efficiency Class: G (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

### Electric Parameters

Voltage: 24.000V

Current: 0.1492A

Power: 3.58W

Power Factor: 1.0000

Frequency: 0.00Hz

### Test Infomation

Scan Range: 380~800:1nm

Photometric Method: sphere-spectroradiometer

Stabilization Time: 1 Min ALC.: 1.0000

Photometric Condition: Sphere diameter: 1.50m, 4T

Max of Signal: 42460 (3329)

CCD Integration Time: 538.81 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 15:44:10

Inspector: