

## Lightsource Test Report

### Product Infomation

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

Product Number: 6

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.1386$   $y=0.0538$   $u(u')=0.1646$   $v=0.0958$   $v'=0.1437$ CCT:  $T_c=100000K$  ( $duv=-0.17088$ )Color Ratio:  $R=0.008$   $G=0.163$   $B=0.829$ 

Peak Wavelength: 461.8nm

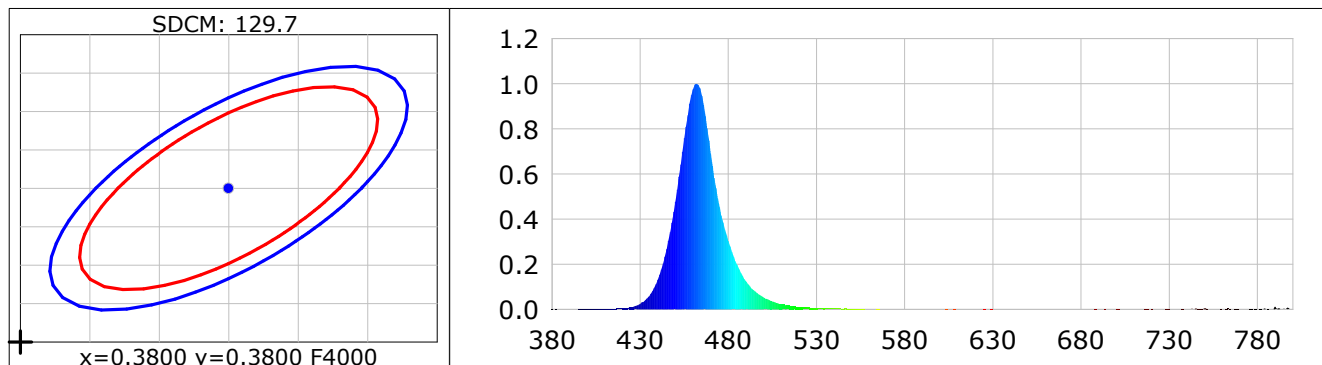
Half Bandwidth: 23.5nm

Dominant Wavelength: 466.6nm

Color Purity: 0.968

Central Wave: 462.1nm

Gravity Wave: 462.1nm

CRI:  $R_a=-48.3$ ,  $avgR(1\sim14)=-80.6$ ,  $avgR(1\sim15)=-74.8$ TM30:  $R_f=1$ ,  $R_g=39$ GAI:  $GAI\_BB\_8=3.3$ ,  $GAI\_BB\_15=4.3$ ,  $GAI\_EES=3.6$  $R1=-10$  $R2=-38$  $R3=-132$  $R4=-82$  $R5=3$  $R6=-51$  $R7=-44$  $R8=-33$  $R9=-260$  $R10=-213$  $R11=-114$  $R12=-101$  $R13=-27$  $R14=-27$  $R15=7$ Color Quality Scale:  $Q_a=8.4$ ,  $Q_f=10.9$ ,  $Q_p=3.4$ ,  $Q_g=28.8$  $Q1=67$  $Q2=38$  $Q3=9$  $Q4=12$  $Q5=30$  $Q6=63$  $Q7=83$  $Q8=27$  $Q9=1$  $Q10=0$  $Q11=0$  $Q12=0$  $Q13=2$  $Q14=8$  $Q15=54$ 

### Photometric Parameters

Luminous Flux: 53.105 lm

Efficiency: 14.40 lm/W

Radiant Power: 0.844 W

Total mains efficacy: 14.40 lm/W

Energy Efficiency Class: G (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

### Electric Parameters

Voltage: 24.000V

Current: 0.1537A

Power: 3.69W

Power Factor: 1.0000

Frequency: 0.00Hz

### Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 1 Min ALC.: 1.0000

Max of Signal: 45023 (3126)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4T

CCD Integration Time: 228.40 ms

Condition:  $T_x:28.4^{\circ}C$ ,  $T_i:25.6^{\circ}C$ , R.H.:60%

Test Lab: Back Morning

Operator: STY

Test Device: CMS-2S (Plus)

Test Time: 2023-06-19 15:45:36

Inspector: