

## Lightsource Test Report

### Product Infomation

Product Type: 24V 10mm 5050-60灯RGB-B

Product Number: 5

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.1374$   $y=0.0552$   $u(u')=0.1622$   $v=0.0977$   $v'=0.1466$ CCT:  $T_c=100000K$  ( $duv=-0.16924$ )Color Ratio:  $R=0.006$   $G=0.164$   $B=0.830$ 

Peak Wavelength: 461.9nm

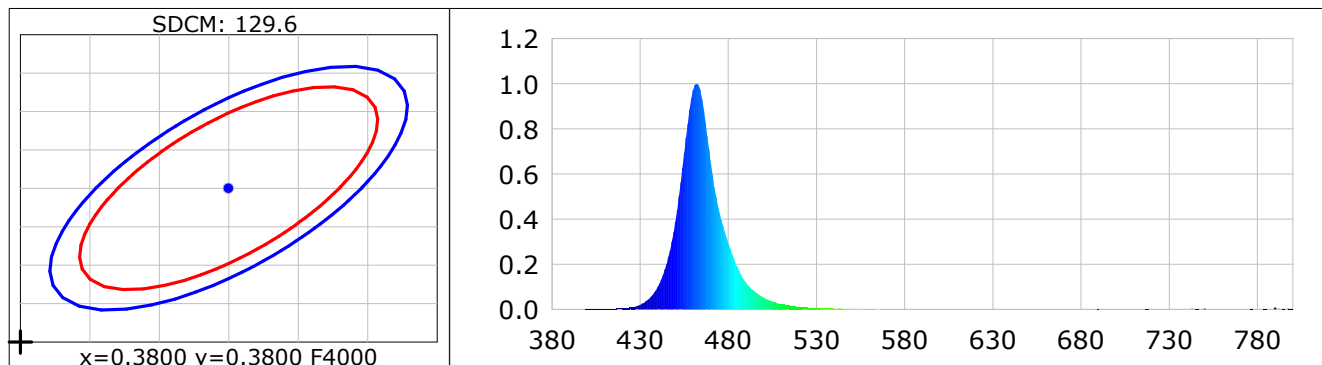
Half Bandwidth: 21.1nm

Dominant Wavelength: 467.1nm

Color Purity: 0.969

Central Wave: 462.5nm

Gravity Wave: 462.3nm

CRI:  $R_a=-49.2$ ,  $avgR(1\sim14)=-82.3$ ,  $avgR(1\sim15)=-76.5$ TM30:  $R_f=0$ ,  $R_g=33$ GAI:  $GAI\_BB\_8=2.8$ ,  $GAI\_BB\_15=3.5$ ,  $GAI\_EES=3.1$  $R1=-13$  $R2=-39$  $R3=-131$  $R4=-83$  $R5=1$  $R6=-52$  $R7=-44$  $R8=-34$  $R9=-270$  $R10=-216$  $R11=-115$  $R12=-101$  $R13=-30$  $R14=-27$  $R15=5$ Color Quality Scale:  $Q_a=6.6$ ,  $Q_f=9.3$ ,  $Q_p=1.5$ ,  $Q_g=24.1$  $Q1=61$  $Q2=34$  $Q3=8$  $Q4=13$  $Q5=32$  $Q6=62$  $Q7=88$  $Q8=32$  $Q9=1$  $Q10=0$  $Q11=0$  $Q12=0$  $Q13=1$  $Q14=5$  $Q15=46$ 

### Photometric Parameters

Luminous Flux: 70.831 lm

Efficiency: 15.33 lm/W

Radiant Power: 1.103 W

Total mains efficacy: 15.33 lm/W

Energy Efficiency Class: G (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

### Electric Parameters

Voltage: 24.000V

Current: 0.1925A

Power: 4.62W

Power Factor: 1.0000

Frequency: 0.00Hz

### Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 1 Min ALC.: 1.0000

Max of Signal: 45082 (3057)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4T

CCD Integration Time: 162.86 ms

Condition:  $T_x:28.3^{\circ}C$ ,  $T_i:25.6^{\circ}C$ , R.H.:60%

Test Lab: Back Morning

Operator: STY

Test Device: CMS-2S (Plus)

Test Time: 2023-06-19 16:30:55

Inspector: