

## Lightsource Test Report

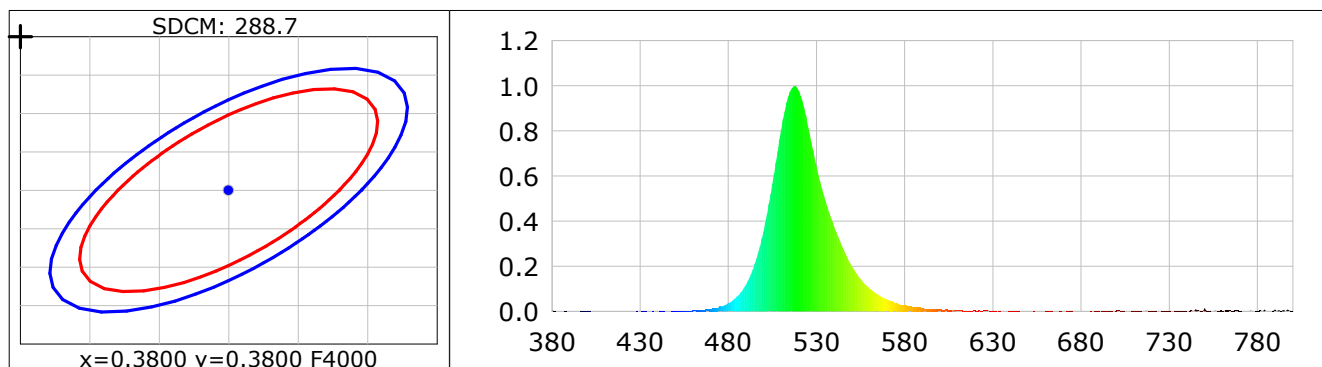
### Product Infomation

Product Type: 24V 10mm 5050-60灯RGB-G

Product Number: 5

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.1533$   $y=0.7194$   $u(u')=0.0541$   $v=0.3811$   $v'=0.5716$   
 CCT:  $T_c=8138K$  ( $duv=0.16149$ ) Color Ratio:  $R=0.003$   $G=0.970$   $B=0.027$   
 Peak Wavelength: 517.7nm Half Bandwidth: 31.2nm  
 Dominant Wavelength: 523.4nm Color Purity: 0.776  
 Central Wave: 519.1nm Gravity Wave: 518.7nm  
 CRI:  $R_a=-23.8$ ,  $avgR(1\sim14)=-55.5$ ,  $avgR(1\sim15)=-53.9$  TM30:  $R_f=2$ ,  $R_g=9$   
 GAI:  $GAI\_BB\_8=0.8$ ,  $GAI\_BB\_15=1.1$ ,  $GAI\_EES=0.8$   
 R1 = -34 R2 = -9 R3 = -24 R4 = -65 R5 = -10 R6 = -15 R7 = -5 R8 = -30  
 R9 = -354 R10 = -106 R11 = -93 R12 = -31 R13 = -41 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: 290.88 lm Efficiency: 63.07 lm/W Radiant Power: 0.632 W  
 Total mains efficacy: 63.07 lm/W Energy Efficiency Class: G (EU 2019/2015)  
 Auxiliary lamp correction factor: 1.00

### Electric Parameters

Voltage: 24.000V Current: 0.1922A Power: 4.61W  
 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: 44787 (3247) CCD Integration Time: 414.21 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 16:29:00  
 Inspector: