

# Lightsource Test Report

## Product Infomation

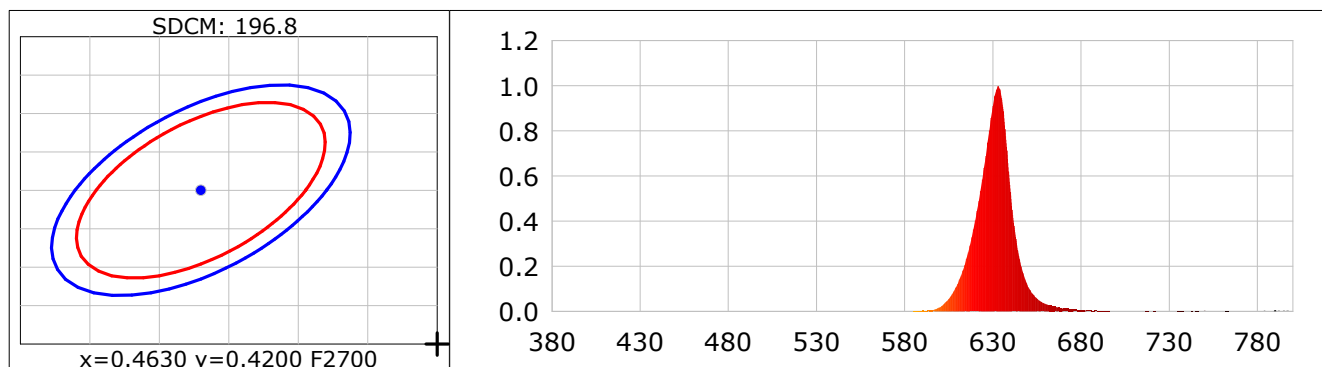
Product Type: 24V 12mm 5050-120灯 RGBW-R

Product Number: 7

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.6981$   $y=0.2999$   $u(u')=0.5368$   $v=0.3459$   $v'=0.5188$   
 CCT:  $T_c=1000K$  ( $duv=-0.08906$ ) Color Ratio:  $R=0.984$   $G=0.016$   $B=0.000$   
 Peak Wavelength: 633.0nm Half Bandwidth: 18.2nm  
 Dominant Wavelength: 624.8nm Color Purity: 0.994  
 Central Wave: 631.3nm Gravity Wave: 631.9nm  
 CRI:  $R_a=11.7$ ,  $avgR(1\sim14)=5.4$ ,  $avgR(1\sim15)=2.2$  TM30:  $R_f=10$ ,  $R_g=-1$   
 GAI:  $GAI\_BB\_8=13.2$ ,  $GAI\_BB\_15=12.5$ ,  $GAI\_EES=0.1$

R1 =3	R2 =77	R3 =31	R4 =-26	R5 =3	R6 =93	R7 =-6	R8 =-83
R9 =-245	R10=71	R11=-10	R12=78	R13=28	R14=60	R15=-43	
Color Quality Scale: $Q_a=8.3$ , $Q_f=41.9$ , $Q_p=46.7$ , $Q_g=5.5$							
Q1 =5	Q2 =14	Q3 =18	Q4 =14	Q5 =11	Q6 =7	Q7 =3	Q8 =3
Q9 =12	Q10=18	Q11=16	Q12=13	Q13=10	Q14=1	Q15=3	



## Photometric Parameters

Luminous Flux: 191.16 lm Efficiency: 17.60 lm/W Radiant Power: 1.049 W  
 Total mains efficacy: 17.60 lm/W Energy Efficiency Class: G (EU 2019/2015)  
 Auxiliary lamp correction factor: 1.00

## Electric Parameters

Voltage: 24.000V Current: 0.4526A Power: 10.86W  
 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: 45531 (3127) CCD Integration Time: 225.37 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 15:29:22  
 Inspector: