

# Lightsource Test Report

## Product Infomation

Product Type: 24V 12mm 5050-108灯-RGBW-全亮 Product Number: 11

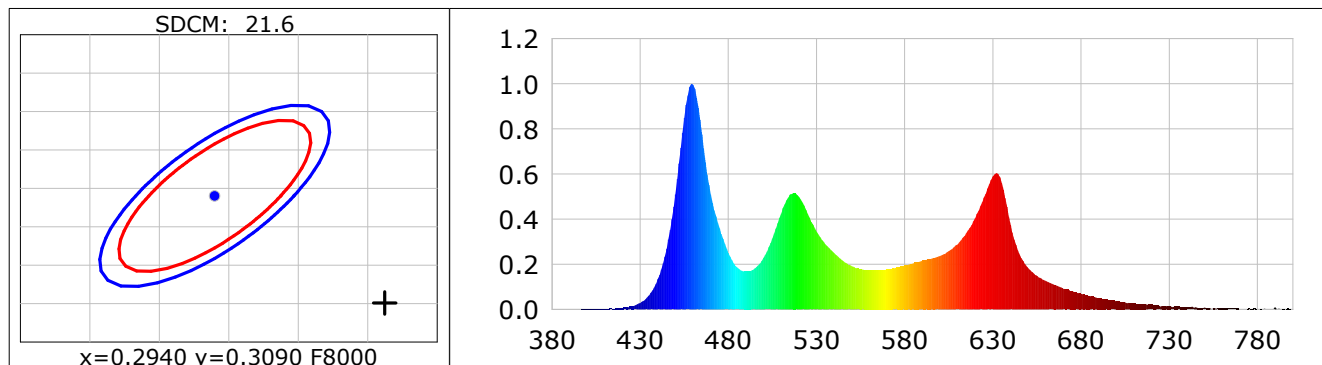
## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3062$   $y=0.2950$   $u(u')=0.2066$   $v=0.2986$   $v'=0.4479$   
 CCT:  $T_c=7356K$  ( $duv=-0.01173$ ) Color Ratio:  $R=0.216$   $G=0.707$   $B=0.077$   
 Peak Wavelength: 459.3nm Half Bandwidth: 20.5nm  
 Dominant Wavelength: 467.3nm Color Purity: 0.134  
 Central Wave: 460.0nm Gravity Wave: 459.7nm  
 CRI:  $R_a=66.3$ ,  $avgR(1\sim14)=55.2$ ,  $avgR(1\sim15)=54.6$  TM30:  $R_f=76$ ,  $R_g=108$   
 GAI:  $GAI\_BB\_8=125.9$ ,  $GAI\_BB\_15=123.7$ ,  $GAI\_EES=126.7$   

R1 =52	R2 =73	R3 =91	R4 =60	R5 =61	R6 =67	R7 =81	R8 =46
R9 =-53	R10=41	R11=44	R12=62	R13=55	R14=91	R15=47	

 Color Quality Scale:  $Q_a=82.7$ ,  $Q_f=74.3$ ,  $Q_p=98.0$ ,  $Q_g=117.9$   

Q1 =79	Q2 =91	Q3 =94	Q4 =87	Q5 =93	Q6 =97	Q7 =85	Q8 =82
Q9 =88	Q10=83	Q11=71	Q12=73	Q13=81	Q14=84	Q15=77	



## Photometric Parameters

Luminous Flux: 1133.4 lm Efficiency: 43.63 lm/W Radiant Power: 4.429 W  
 Total mains efficacy: 43.63 lm/W Energy Efficiency Class: G (EU 2019/2015)  
 Auxiliary lamp correction factor: 1.00

## Electric Parameters

Voltage: 24.000V Current: 1.0824A Power: 25.98W  
 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: 43032 (3017) CCD Integration Time: 111.37 ms