

# Lightsource Test Report

## Product Infomation

Product Type: 12V 10mm 1934-60灯RGB-全亮

Product Number: 4

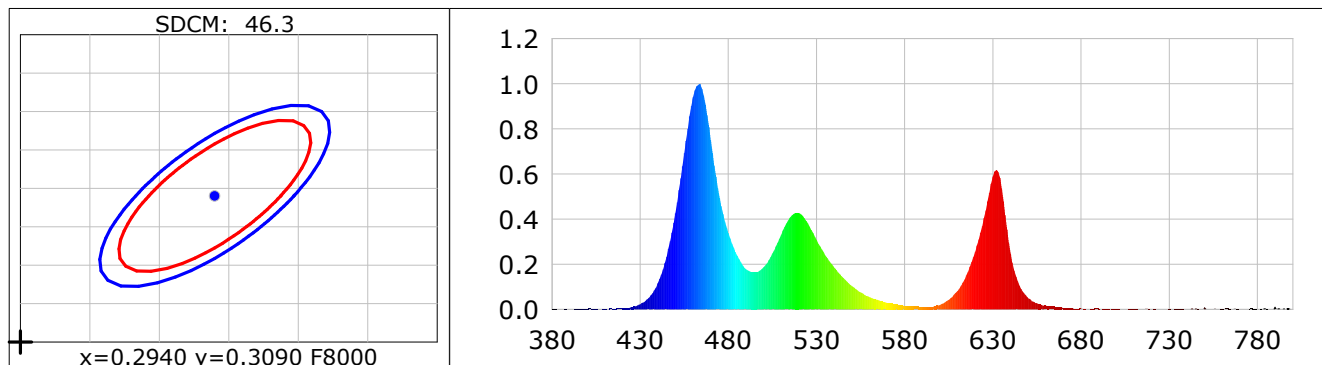
## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.2308$   $y=0.2337$   $u(u')=0.1728$   $v=0.2625$   $v'=0.3937$   
 CCT:  $T_c=100000K$  ( $duv=-0.00860$ ) Color Ratio:  $R=0.201$   $G=0.657$   $B=0.142$   
 Peak Wavelength: 463.6nm Half Bandwidth: 23.5nm  
 Dominant Wavelength: 477.5nm Color Purity: 0.441  
 Central Wave: 463.2nm Gravity Wave: 463.4nm  
 CRI:  $R_a=53.0$ ,  $avgR(1\sim14)=32.7$ ,  $avgR(1\sim15)=31.6$  TM30:  $R_f=56$ ,  $R_g=102$   
 GAI:  $GAI\_BB\_8=130.9$ ,  $GAI\_BB\_15=129.4$ ,  $GAI\_EES=142.5$   

R1 =39	R2 =59	R3 =75	R4 =62	R5 =61	R6 =61	R7 =60	R8 =7
R9 =-210	R10=5	R11=54	R12=63	R13=39	R14=82	R15=16	

 Color Quality Scale:  $Q_a=58.3$ ,  $Q_f=48.8$ ,  $Q_p=76.9$ ,  $Q_g=123.7$   

Q1 =61	Q2 =70	Q3 =79	Q4 =69	Q5 =86	Q6 =90	Q7 =81	Q8 =74
Q9 =73	Q10=49	Q11=28	Q12=22	Q13=40	Q14=73	Q15=57	



## Photometric Parameters

Luminous Flux: 302.16 lm Efficiency: 26.97 lm/W Radiant Power: 1.437 W  
 Total mains efficacy: 26.97 lm/W Energy Efficiency Class: G (EU 2019/2015)  
 Auxiliary lamp correction factor: 1.00

## Electric Parameters

Voltage: 11.999V Current: 0.9336A Power: 11.20W  
 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: 43119 (3171) CCD Integration Time: 260.11 ms

Condition:  $T_x:28.6^{\circ}C$ ,  $T_i:26.1^{\circ}C$ , R.H.:60%  
 Test Lab: Back Morning  
 Operator: STY

Test Device: CMS-2S (Plus)  
 Test Time: 2023-06-19 14:19:31  
 Inspector: