

# Lightsource Test Report

## Product Infomation

Product Type: 12V 10mm 1934-60灯RGB-B

Product Number: 4

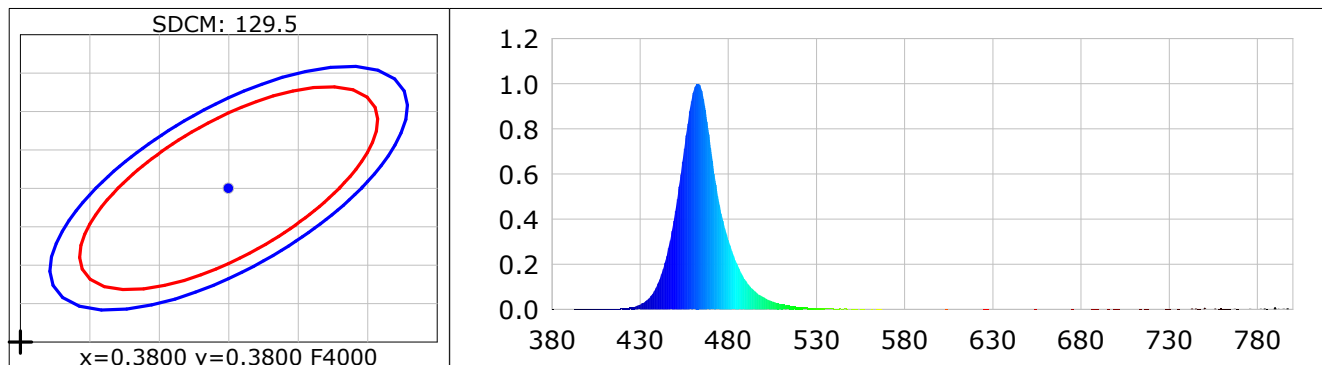
## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.1377$   $y=0.0551$   $u(u')=0.1627$   $v=0.0977$   $v'=0.1465$   
 CCT:  $T_c=100000K$  ( $duv=-0.16922$ ) Color Ratio:  $R=0.008$   $G=0.163$   $B=0.830$   
 Peak Wavelength: 462.7nm Half Bandwidth: 22.9nm  
 Dominant Wavelength: 474.7nm Color Purity: 0.968  
 Central Wave: 462.7nm Gravity Wave: 462.8nm  
 CRI:  $R_a=-48.5$ ,  $avgR(1\sim14)=-80.8$ ,  $avgR(1\sim15)=-75.0$  TM30:  $R_f=1$ ,  $R_g=36$   
 GAI:  $GAI\_BB\_8=3.2$ ,  $GAI\_BB\_15=4.2$ ,  $GAI\_EES=3.5$   

R1 = -10	R2 = -38	R3 = -131	R4 = -82	R5 = 3	R6 = -51	R7 = -44	R8 = -33
R9 = -261	R10 = -214	R11 = -113	R12 = -100	R13 = -28	R14 = -27	R15 = 7	

 Color Quality Scale:  $Q_a=8.2$ ,  $Q_f=11.1$ ,  $Q_p=2.3$ ,  $Q_g=27.2$   

Q1 = 62	Q2 = 35	Q3 = 8	Q4 = 13	Q5 = 33	Q6 = 63	Q7 = 86	Q8 = 32
Q9 = 1	Q10 = 0	Q11 = 0	Q12 = 0	Q13 = 2	Q14 = 8	Q15 = 50	



## Photometric Parameters

Luminous Flux: 47.656 lm Efficiency: 9.63 lm/W Radiant Power: 0.745 W  
 Total mains efficacy: 9.63 lm/W Energy Efficiency Class: G (EU 2019/2015)  
 Auxiliary lamp correction factor: 1.00

## Electric Parameters

Voltage: 12.000V Current: 0.4126A Power: 4.95W  
 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: 45781 (3168) CCD Integration Time: 259.77 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 14:26:44  
 Inspector: