

# Lightsource Test Report

## Product Infomation

Product Type: 12V 10mm 16703-60灯RGB-R

Product Number: 3

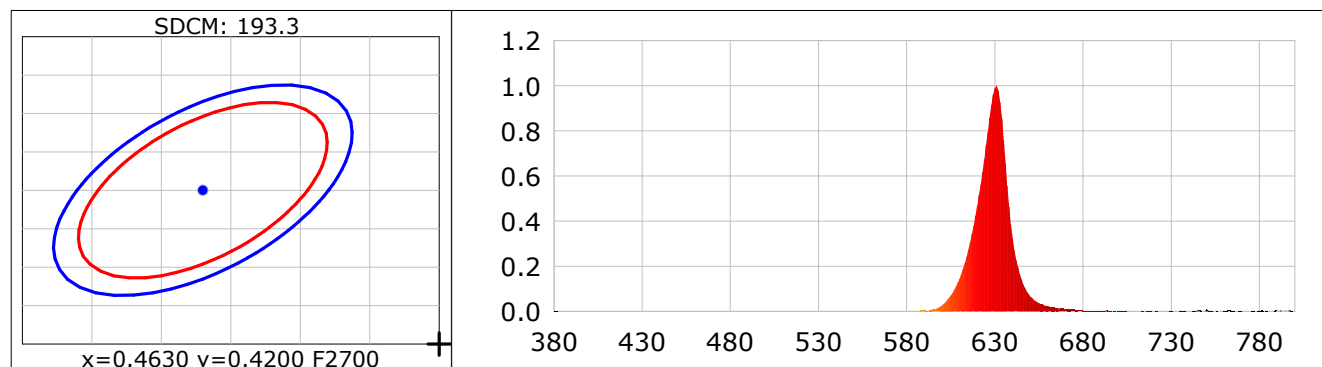
## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.6943$   $y=0.3026$   $u(u')=0.5297$   $v=0.3463$   $v'=0.5195$   
 CCT:  $T_c=1000K$  ( $duv=-0.08200$ ) Color Ratio:  $R=0.980$   $G=0.019$   $B=0.001$   
 Peak Wavelength: 630.8nm Half Bandwidth: 17.0nm  
 Dominant Wavelength: 623.2nm Color Purity: 0.991  
 Central Wave: 629.1nm Gravity Wave: 629.8nm  
 CRI:  $R_a=13.1$ ,  $avgR(1\sim14)=6.9$ ,  $avgR(1\sim15)=3.7$  TM30:  $R_f=7$ ,  $R_g=-1$   
 GAI:  $GAI\_BB\_8=22.5$ ,  $GAI\_BB\_15=23.4$ ,  $GAI\_EES=0.2$   

$R1=6$	$R2=78$	$R3=31$	$R4=-22$	$R5=6$	$R6=94$	$R7=-6$	$R8=-81$
$R9=-241$	$R10=73$	$R11=-5$	$R12=75$	$R13=30$	$R14=60$	$R15=-41$	

 Color Quality Scale:  $Q_a=-1.\$$ ,  $Q_f=-1.\$$ ,  $Q_p=-1.\$$ ,  $Q_g=-1.\$$   

$Q1=6$	$Q2=13$	$Q3=18$	$Q4=14$	$Q5=12$	$Q6=10$	$Q7=5$	$Q8=1$
$Q9=9$	$Q10=17$	$Q11=0$	$Q12=12$	$Q13=9$	$Q14=3$	$Q15=8$	



## Photometric Parameters

Luminous Flux: 81.569 lm Efficiency: 15.86 lm/W Radiant Power: 0.416 W  
 Total mains efficacy: 15.86 lm/W Energy Efficiency Class: G (EU 2019/2015)  
 Auxiliary lamp correction factor: 1.00

## Electric Parameters

Voltage: 11.999V Current: 0.4286A Power: 5.14W  
 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: 46594 (3368) CCD Integration Time: 553.65 ms

Condition:  $T_x:28.7^{\circ}C$ ,  $T_i:26.5^{\circ}C$ , R.H.:60%  
 Test Lab: Back Morning  
 Operator: STY

Test Device: CMS-2S (Plus)  
 Test Time: 2023-06-19 13:43:40  
 Inspector: