

## Lightsource Test Report

### Product Infomation

Product Type: 12V 10mm 16703-60灯RGB-全亮

Product Number: 3

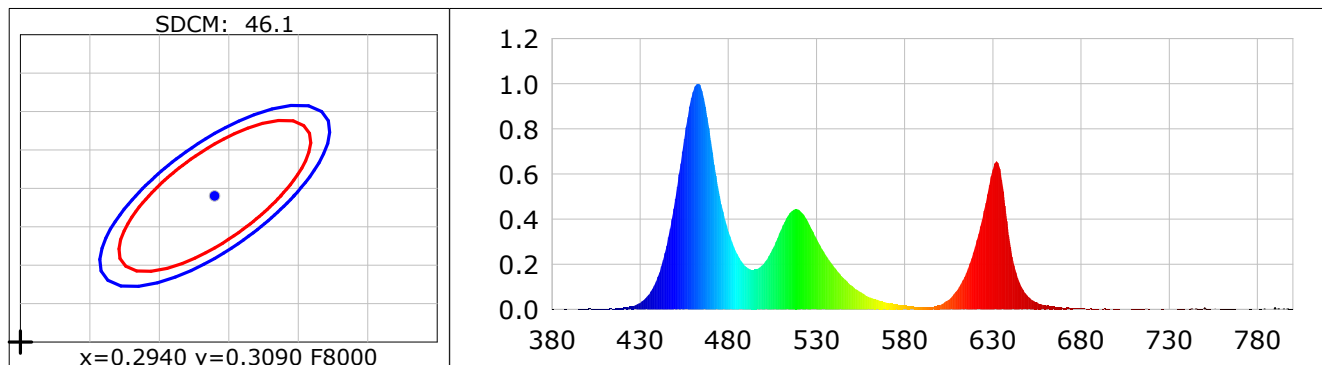
### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.2322$   $y=0.2300$   $u(u')=0.1754$   $v=0.2606$   $v'=0.3909$   
 CCT:  $T_c=100000K$  ( $duv=-0.00748$ ) Color Ratio:  $R=0.208$   $G=0.650$   $B=0.142$   
 Peak Wavelength: 462.9nm Half Bandwidth: 25.0nm  
 Dominant Wavelength: 476.6nm Color Purity: 0.441  
 Central Wave: 462.6nm Gravity Wave: 462.8nm  
 CRI:  $R_a=49.8$ ,  $avgR(1\sim14)=28.4$ ,  $avgR(1\sim15)=27.2$  TM30:  $R_f=55$ ,  $R_g=104$   
 GAI:  $GAI\_BB\_8=134.8$ ,  $GAI\_BB\_15=131.9$ ,  $GAI\_EES=146.7$   

$R1=34$	$R2=57$	$R3=74$	$R4=58$	$R5=56$	$R6=58$	$R7=59$	$R8=2$
$R9=-226$	$R10=-1$	$R11=47$	$R12=62$	$R13=35$	$R14=81$	$R15=10$	

 Color Quality Scale:  $Q_a=57.5$ ,  $Q_f=46.9$ ,  $Q_p=78.4$ ,  $Q_g=126.5$   

$Q1=61$	$Q2=72$	$Q3=79$	$Q4=67$	$Q5=85$	$Q6=91$	$Q7=79$	$Q8=71$
$Q9=74$	$Q10=49$	$Q11=26$	$Q12=21$	$Q13=39$	$Q14=72$	$Q15=56$	



### Photometric Parameters

Luminous Flux: 350.33 lm Efficiency: 27.48 lm/W Radiant Power: 1.691 W  
 Total mains efficacy: 27.48 lm/W Energy Efficiency Class: G (EU 2019/2015)  
 Auxiliary lamp correction factor: 1.00

### Electric Parameters

Voltage: 12.001V Current: 1.0624A Power: 12.75W  
 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: 44870 (3168) CCD Integration Time: 240.87 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 13:41:27  
 Inspector: