

# Lightsource Test Report

## Product Infomation

Product Type: 24V 10mm 2835-144灯 双色温-C

Product Number: 9

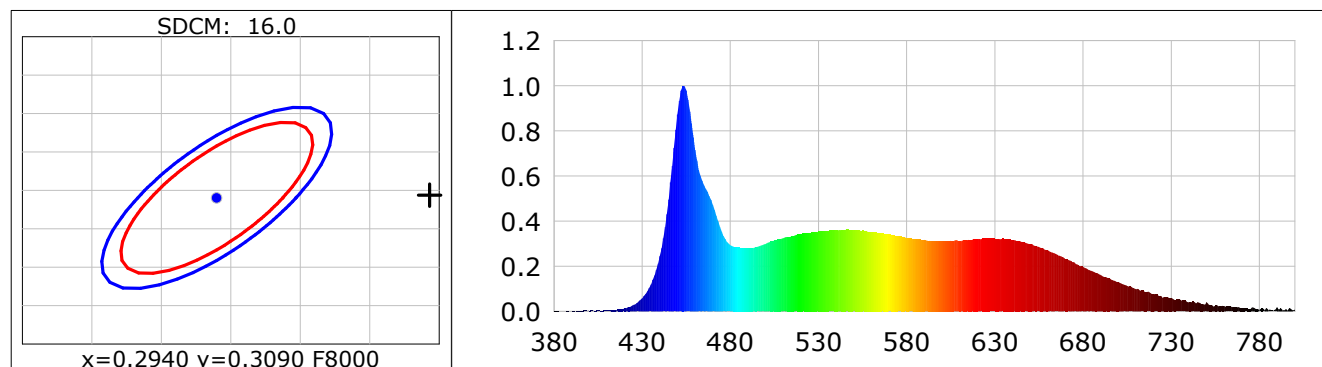
## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3093$   $y=0.3093$   $u(u')=0.2031$   $v=0.3046$   $v'=0.4569$   
 CCT:  $T_c=6904K$  ( $duv=-0.00546$ ) Color Ratio:  $R=0.163$   $G=0.764$   $B=0.073$   
 Peak Wavelength: 453.5nm Half Bandwidth: 23.7nm  
 Dominant Wavelength: 485.7nm Color Purity: 0.104  
 Central Wave: 456.9nm Gravity Wave: 455.6nm  
 CRI:  $R_a=94.0$ ,  $avgR(1\sim14)=91.3$ ,  $avgR(1\sim15)=91.1$  TM30:  $R_f=89$ ,  $R_g=100$   
 GAI:  $GAI\_BB\_8=105.0$ ,  $GAI\_BB\_15=108.4$ ,  $GAI\_EES=104.0$   

R1 =93	R2 =95	R3 =96	R4 =95	R5 =93	R6 =92	R7 =96	R8 =92
R9 =77	R10=94	R11=97	R12=67	R13=93	R14=97	R15=89	

 Color Quality Scale:  $Q_a=91.5$ ,  $Q_f=90.3$ ,  $Q_p=94.1$ ,  $Q_g=102.1$   

Q1 =92	Q2 =100	Q3 =86	Q4 =81	Q5 =86	Q6 =91	Q7 =98	Q8 =99
Q9 =95	Q10=96	Q11=93	Q12=94	Q13=95	Q14=96	Q15=94	



## Photometric Parameters

Luminous Flux: 488.24 lm Efficiency: 79.91 lm/W Radiant Power: 1.897 W  
 Total mains efficacy: 79.91 lm/W Energy Efficiency Class: G (EU 2019/2015)  
 Auxiliary lamp correction factor: 1.00

## Electric Parameters

Voltage: 24.000V Current: 0.2546A Power: 6.11W  
 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: 45516 (3210) CCD Integration Time: 320.53 ms

Condition:  $T_x=28.5^{\circ}C$ ,  $T_i=25.9^{\circ}C$ , R.H.:60%  
 Test Lab: Back Morning  
 Operator: STY

Test Device: CMS-2S (Plus)  
 Test Time: 2023-06-19 15:06:23  
 Inspector: