

# Lightsource Test Report

## Product Infomation

Product Type: 24V 10mm 2835-240灯 双色温-WW Product Number: 10

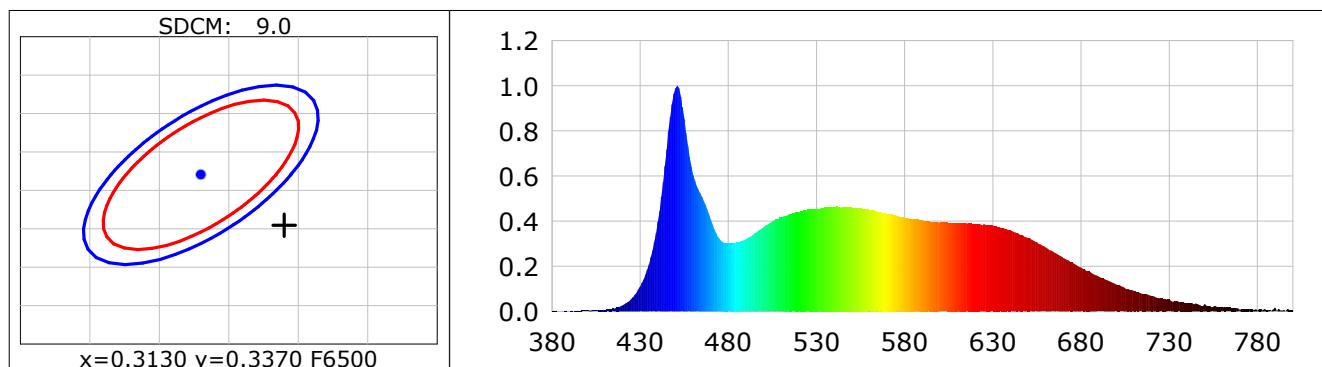
## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3190$   $y=0.3304$   $u(u')=0.2017$   $v=0.3134$   $v'=0.4700$   
 CCT:  $T_c=6164K$  ( $duv=0.00081$ ) Color Ratio:  $R=0.156$   $G=0.782$   $B=0.062$   
 Peak Wavelength: 451.0nm Half Bandwidth: 23.6nm  
 Dominant Wavelength: 489.1nm Color Purity: 0.050  
 Central Wave: 453.7nm Gravity Wave: 452.8nm  
 CRI:  $R_a=94.4$ ,  $avgR(1\sim14)=91.5$ ,  $avgR(1\sim15)=91.8$  TM30:  $R_f=91$ ,  $R_g=100$   
 GAI:  $GAI\_BB\_8=99.9$ ,  $GAI\_BB\_15=103.8$ ,  $GAI\_EES=95.9$   

R1 =95	R2 =96	R3 =93	R4 =95	R5 =94	R6 =91	R7 =97	R8 =94
R9 =82	R10=88	R11=94	R12=70	R13=96	R14=96	R15=96	

 Color Quality Scale:  $Q_a=91.4$ ,  $Q_f=90.7$ ,  $Q_p=92.9$ ,  $Q_g=99.3$   

Q1 =95	Q2 =99	Q3 =84	Q4 =82	Q5 =89	Q6 =92	Q7 =95	Q8 =97
Q9 =96	Q10=93	Q11=91	Q12=93	Q13=94	Q14=94	Q15=95	



## Photometric Parameters

Luminous Flux: 830.26 lm Efficiency: 85.67 lm/W Radiant Power: 2.968 W  
 Total mains efficacy: 85.67 lm/W Energy Efficiency Class: F (EU 2019/2015)  
 Auxiliary lamp correction factor: 1.00

## Electric Parameters

Voltage: 24.000V Current: 0.4038A Power: 9.69W  
 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: 45679 (3144)	CCD Integration Time: 235.92 ms

Condition:  $T_x=28.5^{\circ}C$ ,  $T_i=25.8^{\circ}C$ , R.H.:60%  
 Test Lab: Back Morning  
 Operator: STY

Test Device: CMS-2S (Plus)  
 Test Time: 2023-06-19 15:14:46  
 Inspector: