

## Lightsource Test Report

### Product Information

Product Category: 2835 LED Strip  
 Product Spec: 3000K R90 S5  
 Submitted Unit: QC

Product Type: 24V 240LED 15W/M IP20 1M  
 Product Number: 1

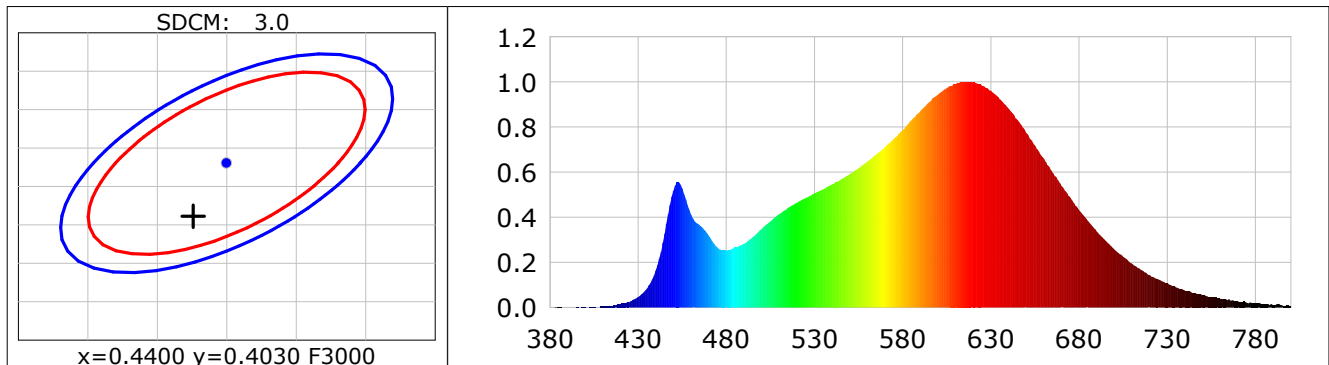
### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4376$   $y=0.3961$   $u(u')=0.2545$   $v=0.3455$   $v'=0.5183$   
 CCT:  $T_c=2923K$  ( $duv=-0.00329$ ) Color Ratio:  $R=0.249$   $G=0.720$   $B=0.031$   
 Peak Wavelength: 618.8nm Half Bandwidth: 145.3nm  
 Dominant Wavelength: 584.4nm Color Purity: 0.502  
 Central Wave: 601.1nm Gravity Wave: 607.1nm  
 CRI:  $R_a=91.3$  TM30:  $R_f=90$ ,  $R_g=99$   
 GAI:  $GAI\_BB\_8=106.6$ ,  $GAI\_BB\_15=112.3$ ,  $GAI\_EES=58.9$

R1 =92	R2 =98	R3 =96	R4 =91	R5 =93	R6 =96	R7 =87	R8 =76
R9 =51	R10=95	R11=92	R12=83	R13=94	R14=99	R15=88	

Color Quality Scale:  $Q_a=89.3$ ,  $Q_f=90.2$ ,  $Q_p=93.0$ ,  $Q_g=96.7$

Q1 =87	Q2 =95	Q3 =88	Q4 =87	Q5 =90	Q6 =92	Q7 =90	Q8 =90
Q9 =96	Q10=94	Q11=91	Q12=89	Q13=89	Q14=85	Q15=85	



### Photometric Parameters

Luminous Flux: 1936.5 lm Efficiency: 133.52 lm/W Radiant Power: 6.556 W  
 Total mains efficacy: 133.52 lm/W Energy Efficiency Class: E (EU 2019/2015)  
 Auxiliary lamp correction factor: 1.00

### Electric Parameters

Voltage: 24.001V Current: 0.6043A Power: 14.50W  
 Power Factor: 1.0000 Frequency: 0.00Hz

### Test Information

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: 48651 (3990) CCD Integration Time: 408.23 ms

Condition:  $T_x:26.8^{\circ}C$ ,  $T_i:24.4^{\circ}C$ , R.H.:60%  
 Test Lab:  
 Operator:

Test Device: CMS-2S (Plus)  
 Test Time: 2023-03-15 11:02:32  
 Inspector: