

Lightsource Test Report

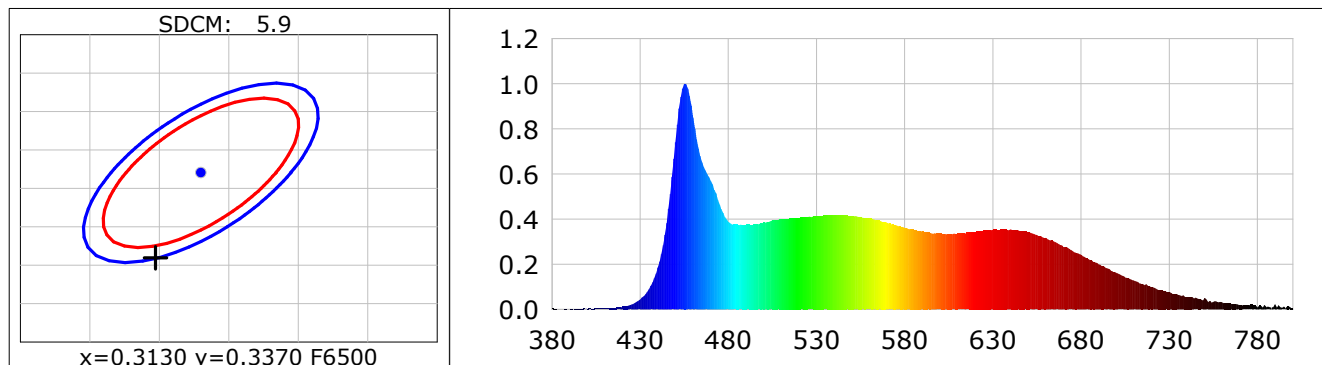
Product Infomation

Product Type: 24V 10mm 2835-192灯-C

Product Number: 8

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3097$ $y=0.3259$ $u(u')=0.1969$ $v=0.3108$ $v'=0.4662$
 CCT: $T_c=6696K$ ($duv=0.00313$) Color Ratio: $R=0.155$ $G=0.768$ $B=0.077$
 Peak Wavelength: 455.4nm Half Bandwidth: 26.8nm
 Dominant Wavelength: 487.6nm Color Purity: 0.085
 Central Wave: 460.2nm Gravity Wave: 458.5nm
 CRI: $R_a=94.1$, $avgR(1\sim14)=92.3$, $avgR(1\sim15)=92.3$ TM30: $R_f=88$, $R_g=97$
 GAI: $GAI_BB_8=97.6$, $GAI_BB_15=102.4$, $GAI_EES=96.0$
 R1 =97 R2 =96 R3 =97 R4 =90 R5 =93 R6 =96 R7 =91 R8 =92
 R9 =88 R10=94 R11=94 R12=67 R13=97 R14=99 R15=92
 Color Quality Scale: $Q_a=92.5$, $Q_f=92.1$, $Q_p=92.9$, $Q_g=98.1$
 Q1 =87 Q2 =93 Q3 =93 Q4 =87 Q5 =87 Q6 =88 Q7 =95 Q8 =97
 Q9 =97 Q10=96 Q11=99 Q12=99 Q13=100 Q14=98 Q15=94



Photometric Parameters

Luminous Flux: 603.10 lm Efficiency: 76.36 lm/W Radiant Power: 2.319 W
 Total mains efficacy: 76.36 lm/W Energy Efficiency Class: G (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 24.000V Current: 0.3291A Power: 7.90W
 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: 45569 (3200) CCD Integration Time: 300.14 ms

Condition: $T_x:28.6^{\circ}C$, $T_i:25.8^{\circ}C$, R.H.:60%
 Test Lab: Back Morning
 Operator: STY

Test Device: CMS-2S (Plus)
 Test Time: 2023-06-19 14:56:46
 Inspector: