

Lightsource Test Report

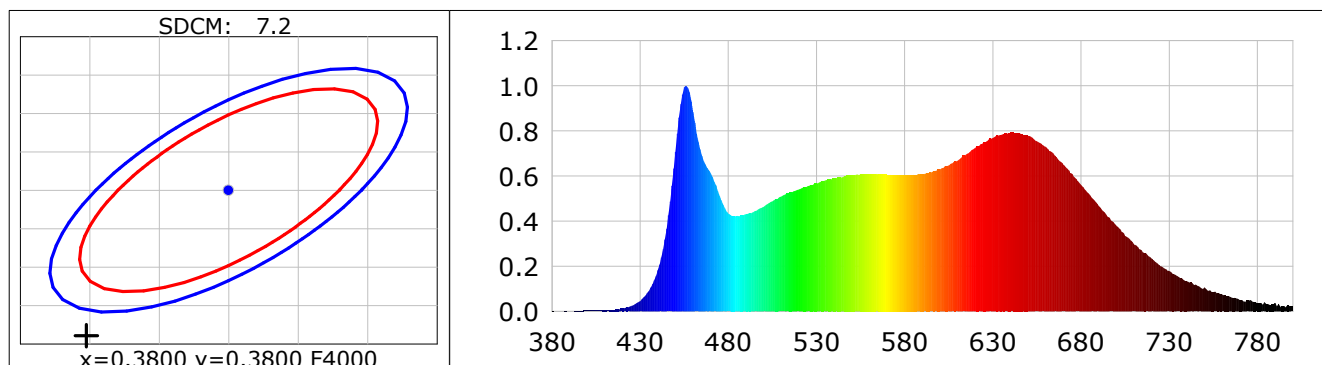
Product Infomation

Product Type: 24V 10mm 2835-192灯 双色温

Product Number: 8

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3697$ $y=0.3611$ $u(u')=0.2243$ $v=0.3286$ $v'=0.4929$
 CCT: $T_c=4197K$ ($duv=-0.00426$) Color Ratio: $R=0.208$ $G=0.737$ $B=0.055$
 Peak Wavelength: 455.8nm Half Bandwidth: 28.5nm
 Dominant Wavelength: 581.5nm Color Purity: 0.193
 Central Wave: 461.4nm Gravity Wave: 459.6nm
 CRI: $R_a=93.8$, $avgR(1\sim14)=91.0$, $avgR(1\sim15)=90.9$ TM30: $R_f=89$, $R_g=99$
 GAI: $GAI_BB_8=106.3$, $GAI_BB_15=111.0$, $GAI_EES=87.0$
 R1 =92 R2 =94 R3 =99 R4 =95 R5 =93 R6 =93 R7 =94 R8 =89
 R9 =72 R10=90 R11=97 R12=74 R13=92 R14=99 R15=89
 Color Quality Scale: $Q_a=94.5$, $Q_f=93.3$, $Q_p=97.1$, $Q_g=102.2$
 Q1 =89 Q2 =96 Q3 =94 Q4 =91 Q5 =92 Q6 =93 Q7 =99 Q8 =99
 Q9 =98 Q10=98 Q11=99 Q12=98 Q13=98 Q14=96 Q15=92



Photometric Parameters

Luminous Flux: 1085.1 lm Efficiency: 70.22 lm/W Radiant Power: 4.277 W
 Total mains efficacy: 70.22 lm/W Energy Efficiency Class: G (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 24.000V Current: 0.6439A Power: 15.45W
 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: 44327 (3166) CCD Integration Time: 253.55 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 14:53:06
 Inspector: