

Lightsource Test Report

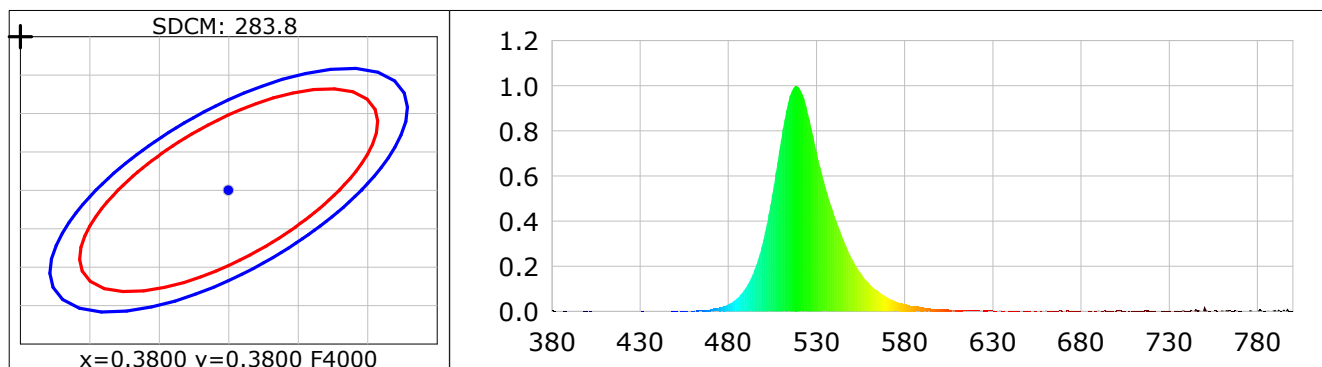
Product Infomation

Product Type: 12V 10mm 1934-60灯RGB-G

Product Number: 4

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.1644$ $y=0.7223$ $u(u')=0.0580$ $v=0.3822$ $v'=0.5733$
 CCT: $T_c=7930K$ ($duv=0.15870$) Color Ratio: $R=0.003$ $G=0.974$ $B=0.023$
 Peak Wavelength: 518.4nm Half Bandwidth: 32.5nm
 Dominant Wavelength: 525.8nm Color Purity: 0.794
 Central Wave: 520.8nm Gravity Wave: 519.9nm
 CRI: $R_a=-23.8$, $avgR(1\sim14)=-55.4$, $avgR(1\sim15)=-53.8$ TM30: $R_f=2$, $R_g=9$
 GAI: $GAI_BB_8=0.7$, $GAI_BB_15=1.1$, $GAI_EES=0.7$
 R1 =-34 R2 =-8 R3 =-23 R4 =-65 R5 =-9 R6 =-14 R7 =-5 R8 =-31
 R9 =-354 R10=-105 R11=-94 R12=-30 R13=-40 R14=38 R15=-32
 Color Quality Scale: $Q_a=0.3$, $Q_f=0.7$, $Q_p=0.0$, $Q_g=5.2$
 Q1 =2 Q2 =3 Q3 =18 Q4 =37 Q5 =22 Q6 =1 Q7 =0 Q8 =0
 Q9 =0 Q10=0 Q11=0 Q12=0 Q13=0 Q14=0 Q15=0



Photometric Parameters

Luminous Flux: 202.15 lm Efficiency: 41.01 lm/W Radiant Power: 0.427 W
 Total mains efficacy: 41.01 lm/W Energy Efficiency Class: G (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 12.000V Current: 0.4108A Power: 4.93W
 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: 46234 (3400) CCD Integration Time: 648.46 ms

Condition: $T_x:28.6^{\circ}C$, $T_i:26.1^{\circ}C$, R.H.:60%
 Test Lab: Back Morning
 Operator: STY

Test Device: CMS-2S (Plus)
 Test Time: 2023-06-19 14:25:17
 Inspector: