

Lightsource Test Report

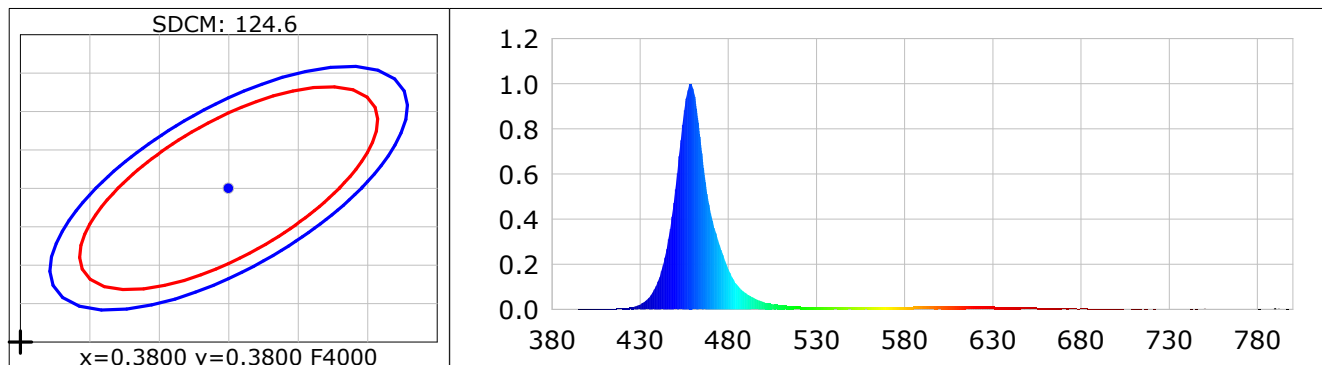
Product Infomation

Product Type: 24V 12mm 5050-108灯-RGBW-B

Product Number: 11

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.1567$ $y=0.0609$ $u(u')=0.1835$ $v=0.1069$ $v'=0.1603$
 CCT: $T_c=100000K$ ($duv=-0.15910$) Color Ratio: $R=0.080$ $G=0.324$ $B=0.596$
 Peak Wavelength: 458.6nm Half Bandwidth: 18.8nm
 Dominant Wavelength: 462.7nm Color Purity: 0.912
 Central Wave: 458.9nm Gravity Wave: 458.9nm
 CRI: $R_a=-23.3$, $avgR(1\sim14)=-39.7$, $avgR(1\sim15)=-33.3$ TM30: $R_f=36$, $R_g=94$
 GAI: $GAI_BB_8=24.5$, $GAI_BB_15=33.7$, $GAI_EES=26.6$
 R1 =77 R2 =-35 R3 =-156 R4 =-57 R5 =76 R6 =-26 R7 =-48 R8 =-18
 R9 =21 R10=-249 R11=-67 R12=-71 R13=26 R14=-30 R15=57
 Color Quality Scale: $Q_a=65.9$, $Q_f=57.0$, $Q_p=79.8$, $Q_g=102.3$
 Q1 =76 Q2 =64 Q3 =62 Q4 =71 Q5 =70 Q6 =89 Q7 =72 Q8 =50
 Q9 =48 Q10=48 Q11=64 Q12=66 Q13=69 Q14=84 Q15=94



Photometric Parameters

Luminous Flux: 107.71 lm Efficiency: 15.79 lm/W Radiant Power: 1.461 W
 Total mains efficacy: 15.79 lm/W Energy Efficiency Class: G (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 24.000V Current: 0.2842A Power: 6.82W
 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: 45046 (3017) CCD Integration Time: 114.95 ms

Condition: Tx:28.4'C, Ti:25.6'C, R.H.:60%
 Test Lab: Back Morning
 Operator: STY

Test Device: CMS-2S (Plus)
 Test Time: 2023-06-19 16:04:04
 Inspector: