

Lightsource Test Report

Product Infomation

Product Type: 24V 10mm 2835-144灯 双色温

Product Number: 9

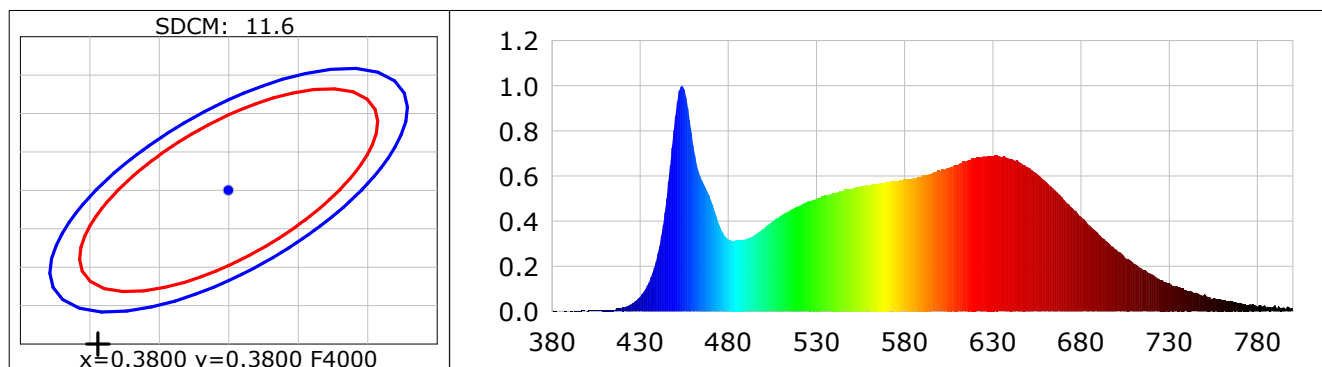
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3706$ $y=0.3511$ $u(u')=0.2290$ $v=0.3255$ $v'=0.4883$
 CCT: $T_c=4093K$ ($duv=-0.00952$) Color Ratio: $R=0.210$ $G=0.741$ $B=0.049$
 Peak Wavelength: 453.7nm Half Bandwidth: 24.8nm
 Dominant Wavelength: 587.2nm Color Purity: 0.166
 Central Wave: 457.4nm Gravity Wave: 456.2nm
 CRI: $R_a=96.1$, $avgR(1\sim14)=94.4$, $avgR(1\sim15)=94.3$ TM30: $R_f=91$, $R_g=101$
 GAI: $GAI_BB_8=113.3$, $GAI_BB_15=117.3$, $GAI_EES=91.0$

R1 =95	R2 =96	R3 =97	R4 =98	R5 =96	R6 =93	R7 =96	R8 =97
R9 =93	R10=95	R11=97	R12=74	R13=95	R14=98	R15=94	

 Color Quality Scale: $Q_a=92.7$, $Q_f=91.0$, $Q_p=96.3$, $Q_g=103.5$

Q1 =95	Q2 =100	Q3 =85	Q4 =84	Q5 =91	Q6 =96	Q7 =95	Q8 =97
Q9 =96	Q10=95	Q11=93	Q12=94	Q13=95	Q14=96	Q15=96	



Photometric Parameters

Luminous Flux: 906.93 lm Efficiency: 76.25 lm/W Radiant Power: 3.422 W
 Total mains efficacy: 76.25 lm/W Energy Efficiency Class: G (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 24.000V Current: 0.4956A Power: 11.89W
 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: 48773 (3197) CCD Integration Time: 300.14 ms

Condition: Tx:28.5'C, Ti:26.0'C, R.H.:60%
 Test Lab: Back Morning
 Operator: STY

Test Device: CMS-2S (Plus)
 Test Time: 2023-06-19 15:01:43
 Inspector: