

Lightsource Test Report

Product Infomation

Product Type: 24V 10mm 2835-144灯 高光效

Product Number: 1

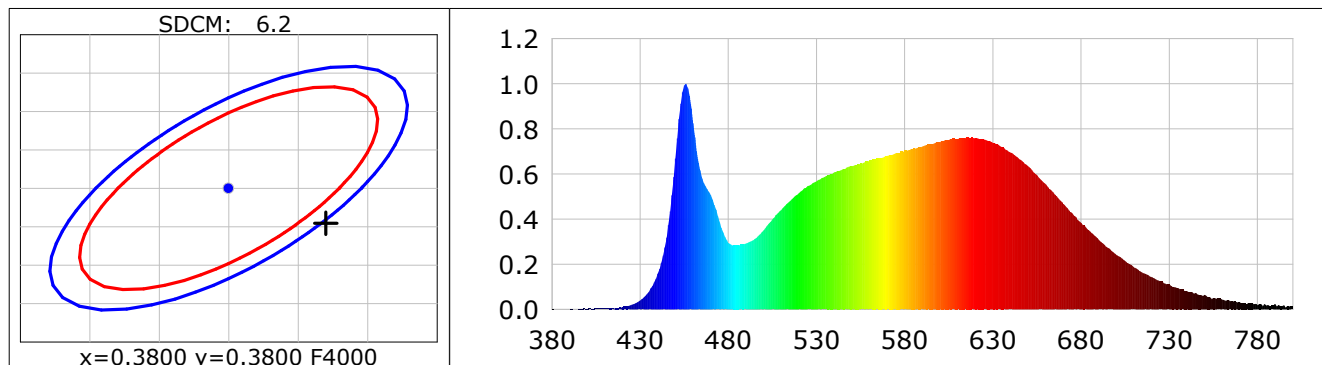
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3870$ $y=0.3754$ $u(u')=0.2300$ $v=0.3347$ $v'=0.5020$
 CCT: $T_c=3815K$ ($duv=-0.00246$) Color Ratio: $R=0.205$ $G=0.755$ $B=0.041$
 Peak Wavelength: 455.8nm Half Bandwidth: 22.5nm
 Dominant Wavelength: 581.1nm Color Purity: 0.288
 Central Wave: 459.1nm Gravity Wave: 458.1nm
 CRI: $R_a=92.3$, $avgR(1\sim14)=88.8$, $avgR(1\sim15)=89.1$ TM30: $R_f=88$, $R_g=97$
 GAI: $GAI_BB_8=100.3$, $GAI_BB_15=107.5$, $GAI_EES=75.9$

R1 =93	R2 =97	R3 =97	R4 =90	R5 =91	R6 =93	R7 =92	R8 =85
R9 =67	R10=90	R11=89	R12=66	R13=95	R14=98	R15=92	

 Color Quality Scale: $Q_a=89.5$, $Q_f=89.1$, $Q_p=90.3$, $Q_g=97.6$

Q1 =90	Q2 =98	Q3 =84	Q4 =80	Q5 =85	Q6 =88	Q7 =92	Q8 =93
Q9 =98	Q10=94	Q11=91	Q12=92	Q13=93	Q14=90	Q15=91	



Photometric Parameters

Luminous Flux: 1517.1 lm Efficiency: 123.32 lm/W Radiant Power: 5.212 W
 Total mains efficacy: 123.32 lm/W Energy Efficiency Class: E (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 24.000V Current: 0.5126A Power: 12.30W
 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: 51945 (3141)	CCD Integration Time: 220.80 ms

Condition: $T_x:28.6^{\circ}C$, $T_i:26.0^{\circ}C$, R.H.:60%
 Test Lab: Back Morning
 Operator: STY

Test Device: CMS-2S (Plus)
 Test Time: 2023-06-19 14:35:51
 Inspector: