

Lightsource Test Report

Product Infomation

Product Type: 24V 10mm 2835-192灯 高光效

Product Number: 2

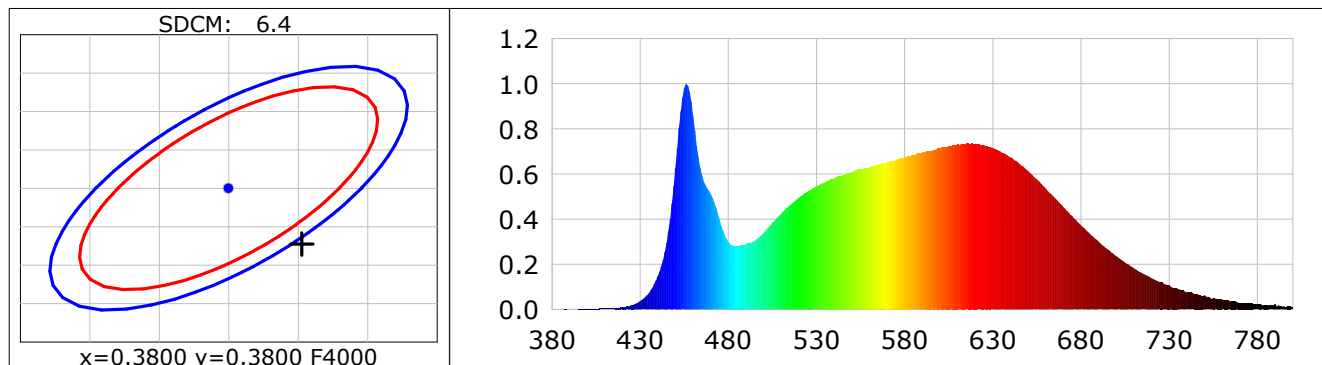
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3853$ $y=0.3727$ $u(u')=0.2299$ $v=0.3337$ $v'=0.5005$
 CCT: $T_c=3839K$ ($duv=-0.00326$) Color Ratio: $R=0.205$ $G=0.753$ $B=0.042$
 Peak Wavelength: 456.2nm Half Bandwidth: 22.4nm
 Dominant Wavelength: 581.5nm Color Purity: 0.275
 Central Wave: 459.6nm Gravity Wave: 458.4nm
 CRI: $R_a=92.8$, $avgR(1\sim14)=89.6$, $avgR(1\sim15)=89.9$ TM30: $R_f=88$, $R_g=97$
 GAI: $GAI_BB_8=101.4$, $GAI_BB_15=108.5$, $GAI_EES=77.2$

R1 =94	R2 =98	R3 =97	R4 =90	R5 =92	R6 =93	R7 =92	R8 =86
R9 =70	R10=92	R11=89	R12=67	R13=96	R14=98	R15=93	

 Color Quality Scale: $Q_a=89.6$, $Q_f=89.2$, $Q_p=90.6$, $Q_g=97.8$

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



Photometric Parameters

Luminous Flux: 1754.0 lm Efficiency: 123.21 lm/W Radiant Power: 6.068 W
 Total mains efficacy: 123.21 lm/W Energy Efficiency Class: E (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 24.000V Current: 0.5932A Power: 14.24W
 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: 53083 (3114) CCD Integration Time: 187.68 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 14:45:25
 Inspector: