

Lightsource Test Report

Product Infomation

Product Type: 24V 10mm 2835-240灯 双色温-全亮 Product Number: 10

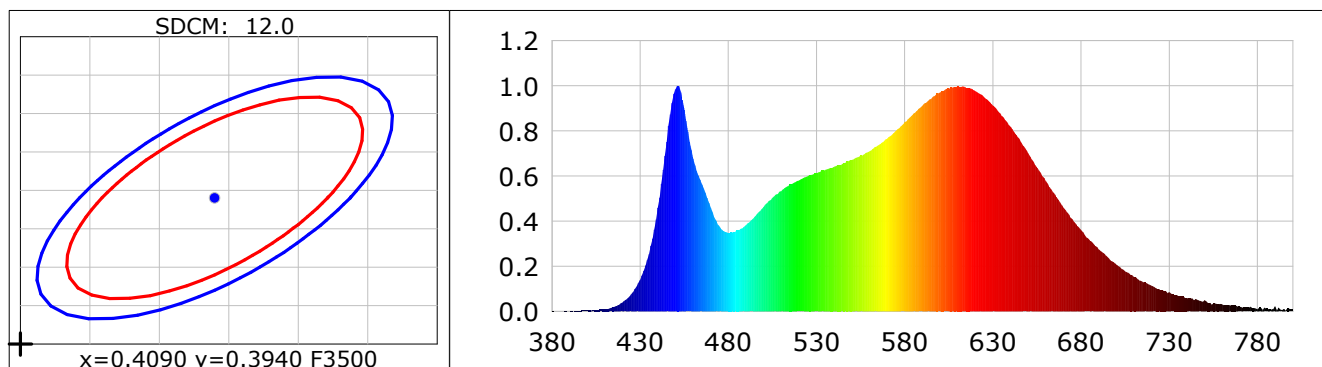
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3913$ $y=0.3624$ $u(u')=0.2384$ $v=0.3311$ $v'=0.4967$
 CCT: $T_c=3588K$ ($duv=-0.00980$) Color Ratio: $R=0.222$ $G=0.737$ $B=0.041$
 Peak Wavelength: 451.4nm Half Bandwidth: 27.3nm
 Dominant Wavelength: 586.6nm Color Purity: 0.262
 Central Wave: 454.5nm Gravity Wave: 453.3nm
 CRI: $R_a=92.9$, $avgR(1\sim14)=91.0$, $avgR(1\sim15)=91.2$ TM30: $R_f=90$, $R_g=101$
 GAI: $GAI_BB_8=115.5$, $GAI_BB_15=118.5$, $GAI_EES=82.5$

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|--------|--------|--------|--------|--------|--------|--------|--------|
| R1 =96 | R2 =97 | R3 =96 | R4 =94 | R5 =97 | R6 =93 | R7 =88 | R8 =82 |
| R9 =61 | R10=96 | R11=94 | R12=83 | R13=97 | R14=99 | R15=94 | |

 Color Quality Scale: $Q_a=90.2$, $Q_f=88.5$, $Q_p=94.0$, $Q_g=101.5$

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|--------|--------|--------|--------|--------|--------|--------|--------|
| Q1 =91 | Q2 =99 | Q3 =85 | Q4 =86 | Q5 =92 | Q6 =95 | Q7 =91 | Q8 =93 |
| Q9 =99 | Q10=93 | Q11=90 | Q12=88 | Q13=89 | Q14=87 | Q15=88 | |



Photometric Parameters

Luminous Flux: 1579.8 lm Efficiency: 85.78 lm/W Radiant Power: 5.370 W
 Total mains efficacy: 85.78 lm/W Energy Efficiency Class: F (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 24.000V Current: 0.7674A Power: 18.42W
 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: 45877 (3129) CCD Integration Time: 214.25 ms

Condition: $T_x:28.5^{\circ}C$, $T_i:25.8^{\circ}C$, R.H.:60%
 Test Lab: Back Morning
 Operator: STY

Test Device: CMS-2S (Plus)
 Test Time: 2023-06-19 15:10:16
 Inspector: