

Lightsource Test Report

Product Infomation

Product Type: 24V 12mm 5050-120灯 RGBW-全亮 Product Number: 7

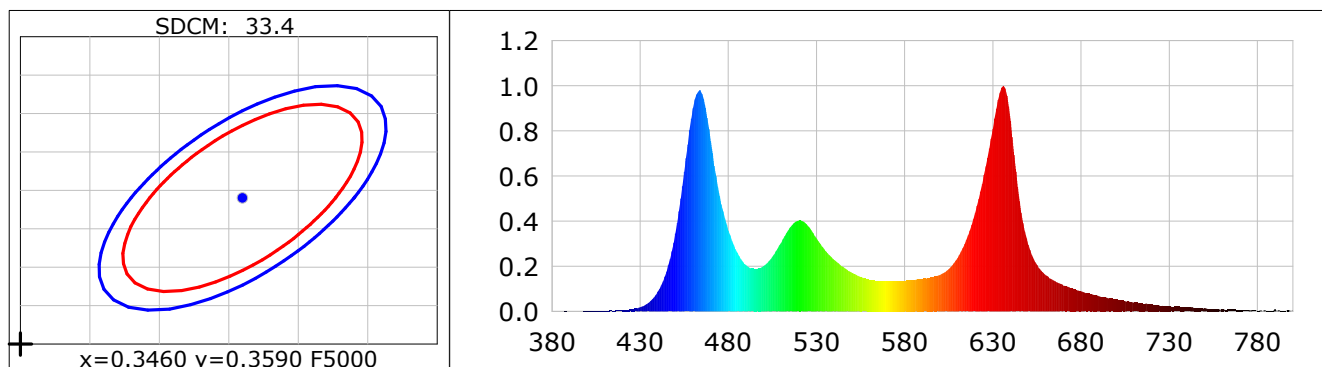
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3221$ $y=0.2803$ $u(u')=0.2252$ $v=0.2940$ $v'=0.4411$
 CCT: $T_c=6290K$ ($duv=-0.02966$) Color Ratio: $R=0.280$ $G=0.625$ $B=0.095$
 Peak Wavelength: 635.9nm Half Bandwidth: 22.9nm
 Dominant Wavelength: 379.7nm Color Purity: 0.466
 Central Wave: 633.4nm Gravity Wave: 634.3nm
 CRI: $R_a=33.5$, $avgR(1\sim14)=13.0$, $avgR(1\sim15)=11.6$ TM30: $R_f=60$, $R_g=113$
 GAI: $GAI_BB_8=150.8$, $GAI_BB_15=141.2$, $GAI_EES=145.7$

$R1=10$	$R2=45$	$R3=86$	$R4=26$	$R5=21$	$R6=35$	$R7=64$	$R8=-18$
$R9=-200$	$R10=-17$	$R11=10$	$R12=20$	$R13=15$	$R14=87$	$R15=-8$	

 Color Quality Scale: $Q_a=70.8$, $Q_f=54.8$, $Q_p=99.4$, $Q_g=130.9$

$Q1=58$	$Q2=85$	$Q3=80$	$Q4=72$	$Q5=86$	$Q6=95$	$Q7=74$	$Q8=68$
$Q9=82$	$Q10=72$	$Q11=58$	$Q12=57$	$Q13=69$	$Q14=73$	$Q15=63$	



Photometric Parameters

Luminous Flux: 830.71 lm Efficiency: 32.20 lm/W Radiant Power: 3.739 W
 Total mains efficacy: 32.20 lm/W Energy Efficiency Class: G (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 24.000V Current: 1.0751A Power: 25.80W
 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: 45684 (3070) CCD Integration Time: 156.63 ms

Condition: $T_x:28.4^{\circ}C$, $T_i:25.8^{\circ}C$, R.H.:60%
 Test Lab: Back Morning
 Operator: STY

Test Device: CMS-2S (Plus)
 Test Time: 2023-06-19 15:22:11
 Inspector: