

Lightsource Test Report

Product Infomation

Product Type: 24V 12mm 5050-108灯-RGBW-R

Product Number: 11

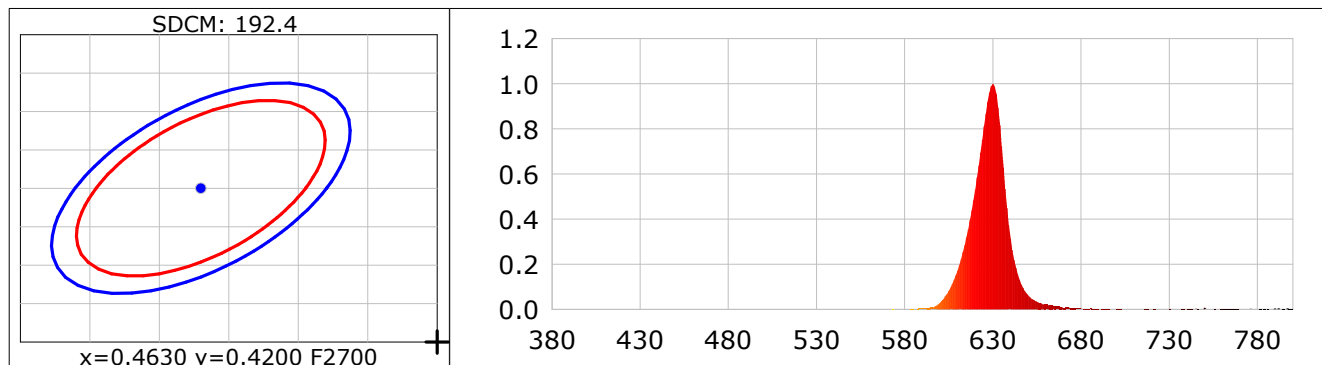
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.6936$ $y=0.3038$ $u(u')=0.5276$ $v=0.3466$ $v'=0.5200$
 CCT: $T_c=1000K$ ($duv=-0.07988$) Color Ratio: $R=0.981$ $G=0.019$ $B=0.000$
 Peak Wavelength: 630.0nm Half Bandwidth: 18.1nm
 Dominant Wavelength: 622.5nm Color Purity: 0.993
 Central Wave: 628.4nm Gravity Wave: 628.9nm
 CRI: $R_a=11.9$, $avgR(1\sim14)=5.7$, $avgR(1\sim15)=2.5$ TM30: $R_f=7$, $R_g=-1$
 GAI: $GAI_BB_8=18.2$, $GAI_BB_15=18.0$, $GAI_EES=0.2$

$R1=4$	$R2=78$	$R3=30$	$R4=-25$	$R5=4$	$R6=93$	$R7=-6$	$R8=-83$
$R9=-243$	$R10=71$	$R11=-8$	$R12=77$	$R13=29$	$R14=60$	$R15=-42$	

 Color Quality Scale: $Q_a=9.2$, $Q_f=28.7$, $Q_p=83.4$, $Q_g=6.8$

$Q1=5$	$Q2=13$	$Q3=18$	$Q4=14$	$Q5=12$	$Q6=9$	$Q7=4$	$Q8=2$
$Q9=11$	$Q10=17$	$Q11=16$	$Q12=13$	$Q13=10$	$Q14=6$	$Q15=6$	



Photometric Parameters

Luminous Flux: 119.05 lm Efficiency: 20.68 lm/W Radiant Power: 0.590 W
 Total mains efficacy: 20.68 lm/W Energy Efficiency Class: G (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 24.000V Current: 0.2399A Power: 5.76W
 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: 45606 (3245) CCD Integration Time: 397.03 ms

Condition: $T_x=28.3^{\circ}C$, $T_i=25.6^{\circ}C$, R.H.:60%
 Test Lab: Back Morning
 Operator: STY

Test Device: CMS-2S (Plus)
 Test Time: 2023-06-19 16:01:20
 Inspector: