

Lightsource Test Report

Product Infomation

Product Type: 24V 10mm 5050-60灯RGB-R

Product Number: 5

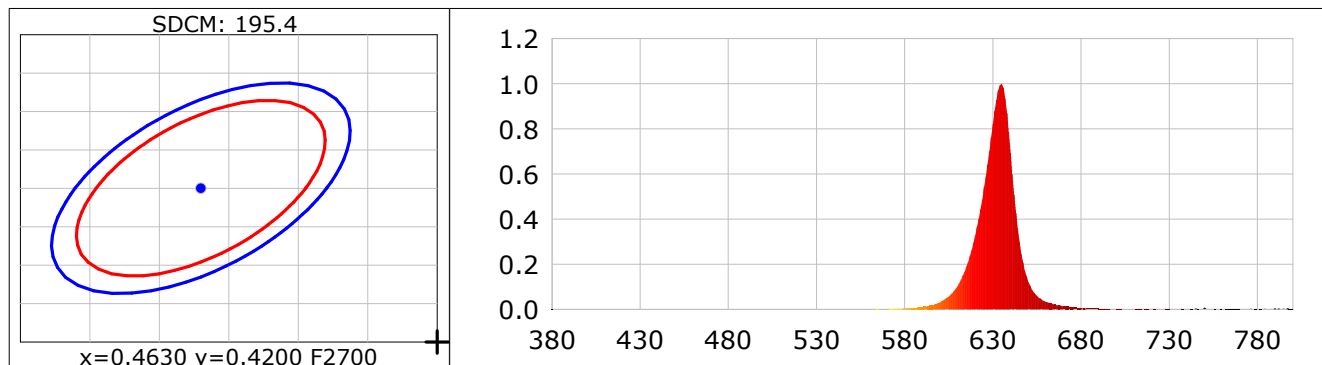
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.6964$ $y=0.3006$ $u(u')=0.5342$ $v=0.3459$ $v'=0.5188$
 CCT: $T_c=1000K$ ($duv=-0.08651$) Color Ratio: $R=0.959$ $G=0.040$ $B=0.000$
 Peak Wavelength: 634.7nm Half Bandwidth: 17.9nm
 Dominant Wavelength: 624.4nm Color Purity: 0.991
 Central Wave: 633.2nm Gravity Wave: 633.8nm
 CRI: $R_a=20.9$, $avgR(1\sim14)=14.9$, $avgR(1\sim15)=12.1$ TM30: $R_f=15$, $R_g=-1$
 GAI: $GAI_BB_8=29.9$, $GAI_BB_15=28.7$, $GAI_EES=0.3$

$R1=11$	$R2=78$	$R3=39$	$R4=-13$	$R5=14$	$R6=94$	$R7=6$	$R8=-61$
$R9=-207$	$R10=73$	$R11=1$	$R12=77$	$R13=33$	$R14=64$	$R15=-27$	

 Color Quality Scale: $Q_a=9.3$, $Q_f=1.0$, $Q_p=135.3$, $Q_g=13.0$

$Q1=7$	$Q2=13$	$Q3=18$	$Q4=14$	$Q5=13$	$Q6=11$	$Q7=5$	$Q8=1$
$Q9=10$	$Q10=17$	$Q11=15$	$Q12=12$	$Q13=10$	$Q14=6$	$Q15=9$	



Photometric Parameters

Luminous Flux: 97.749 lm Efficiency: 22.84 lm/W Radiant Power: 0.554 W
 Total mains efficacy: 22.84 lm/W Energy Efficiency Class: G (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 23.999V Current: 0.1783A Power: 4.28W
 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: 43157 (3217) CCD Integration Time: 405.21 ms

Condition: $T_x:27.9^{\circ}C$, $T_i:25.4^{\circ}C$, R.H.:60%
 Test Lab: Back Morning
 Operator: STY

Test Device: CMS-2S (Plus)
 Test Time: 2023-06-19 17:11:30
 Inspector: