

Lightsource Test Report

Product Infomation

Product Type: 24V 10mm 5050-60灯 RGBW-R

Product Number: 6

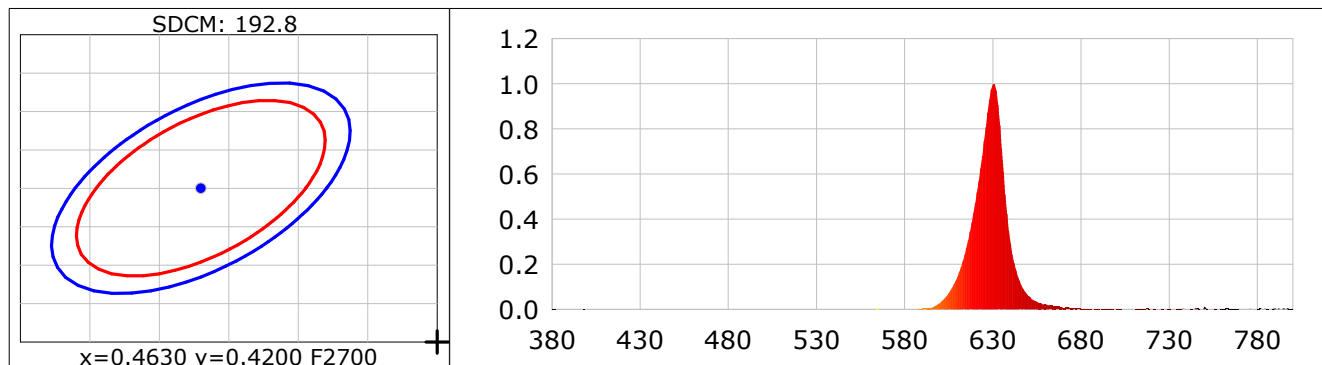
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.6938$ $y=0.3030$ $u(u')=0.5287$ $v=0.3464$ $v'=0.5196$
 CCT: $T_c=1000K$ ($duv=-0.08098$) Color Ratio: $R=0.979$ $G=0.020$ $B=0.001$
 Peak Wavelength: 630.6nm Half Bandwidth: 16.6nm
 Dominant Wavelength: 623.0nm Color Purity: 0.991
 Central Wave: 628.9nm Gravity Wave: 629.6nm
 CRI: $R_a=13.1$, $avgR(1\sim14)=6.9$, $avgR(1\sim15)=3.7$ TM30: $R_f=7$, $R_g=-1$
 GAI: $GAI_BB_8=23.9$, $GAI_BB_15=24.8$, $GAI_EES=0.2$

$R1=6$	$R2=79$	$R3=30$	$R4=-23$	$R5=6$	$R6=94$	$R7=-6$	$R8=-81$
$R9=-241$	$R10=73$	$R11=-5$	$R12=75$	$R13=30$	$R14=60$	$R15=-41$	

 Color Quality Scale: $Q_a=-1.\$$, $Q_f=-1.\$$, $Q_p=-1.\$$, $Q_g=-1.\$$

$Q1=6$	$Q2=13$	$Q3=18$	$Q4=14$	$Q5=12$	$Q6=10$	$Q7=5$	$Q8=1$
$Q9=9$	$Q10=0$	$Q11=0$	$Q12=0$	$Q13=7$	$Q14=1$	$Q15=7$	



Photometric Parameters

Luminous Flux: 79.538 lm Efficiency: 22.41 lm/W Radiant Power: 0.401 W
 Total mains efficacy: 22.41 lm/W Energy Efficiency Class: G (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 24.000V Current: 0.1479A Power: 3.55W
 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: 44584 (3330) CCD Integration Time: 538.81 ms

Condition: $T_x:28.4^{\circ}C$, $T_i:25.7^{\circ}C$, R.H.:60%
 Test Lab: Back Morning
 Operator: STY

Test Device: CMS-2S (Plus)
 Test Time: 2023-06-19 15:42:34
 Inspector: