

Lightsource Test Report

Product Infomation

Product Type: 12V 10mm 1934-60灯RGB-R

Product Number: 4

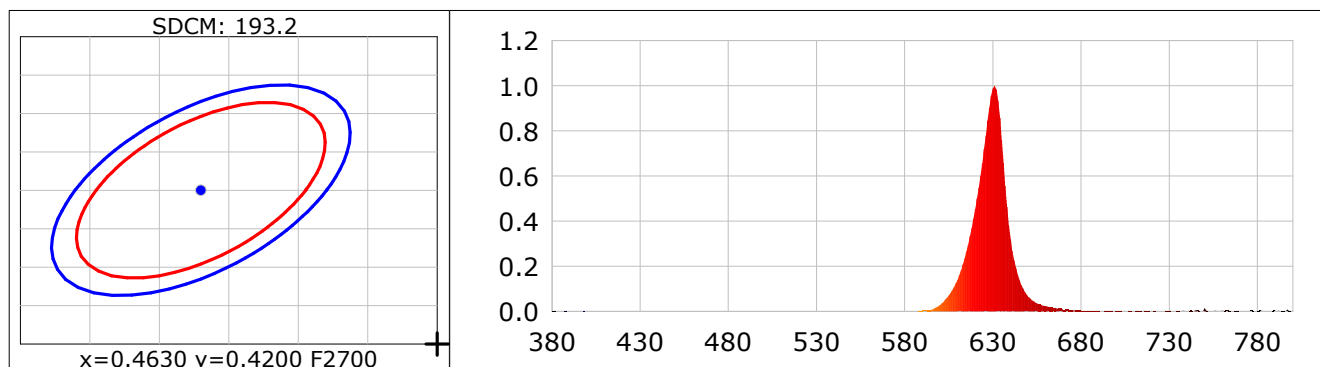
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.6941$ $y=0.3026$ $u(u')=0.5296$ $v=0.3463$ $v'=0.5194$
 CCT: $T_c=1000K$ ($duv=-0.08185$) Color Ratio: $R=0.979$ $G=0.020$ $B=0.001$
 Peak Wavelength: 630.9nm Half Bandwidth: 16.7nm
 Dominant Wavelength: 623.2nm Color Purity: 0.991
 Central Wave: 629.3nm Gravity Wave: 629.9nm
 CRI: $R_a=13.6$, $avgR(1\sim14)=7.5$, $avgR(1\sim15)=4.3$ TM30: $R_f=7$, $R_g=-1$
 GAI: $GAI_BB_8=25.1$, $GAI_BB_15=26.3$, $GAI_EES=0.2$

$R1=6$	$R2=79$	$R3=31$	$R4=-22$	$R5=7$	$R6=94$	$R7=-5$	$R8=-80$
$R9=-239$	$R10=73$	$R11=-4$	$R12=75$	$R13=31$	$R14=60$	$R15=-40$	

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

$Q1=6$	$Q2=13$	$Q3=18$	$Q4=14$	$Q5=12$	$Q6=11$	$Q7=6$	$Q8=1$
$Q9=9$	$Q10=0$	$Q11=0$	$Q12=0$	$Q13=0$	$Q14=0$	$Q15=7$	



Photometric Parameters

Luminous Flux: 68.381 lm Efficiency: 13.99 lm/W Radiant Power: 0.349 W
 Total mains efficacy: 13.99 lm/W Energy Efficiency Class: G (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 12.000V Current: 0.4073A Power: 4.89W
 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: 45803 (3394) CCD Integration Time: 640.89 ms

Condition: $T_x:28.6^{\circ}C$, $T_i:26.1^{\circ}C$, R.H.:60%
 Test Lab: Back Morning
 Operator: STY

Test Device: CMS-2S (Plus)
 Test Time: 2023-06-19 14:23:26
 Inspector: