

Lightsource Test Report

Product Infomation

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

Product Number: 6

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.2992$ $y=0.2868$ $u(u')=0.2048$ $v=0.2945$ $v'=0.4418$

CCT: $T_c=8170K$ ($duv=-0.01227$)

Color Ratio: $R=0.210$ $G=0.702$ $B=0.088$

Peak Wavelength: 461.4nm

Half Bandwidth: 26.5nm

Dominant Wavelength: 468.8nm

Color Purity: 0.165

Central Wave: 462.0nm

Gravity Wave: 461.6nm

CRI: $R_a=67.0$, $avgR(1\sim14)=55.8$, $avgR(1\sim15)=55.0$

TM30: $R_f=75$, $R_g=106$

GAI: $GAI_BB_8=123.8$, $GAI_BB_15=121.5$, $GAI_EES=126.9$

$R1=53$

$R2=72$

$R3=92$

$R4=64$

$R5=63$

$R6=68$

$R7=80$

$R8=45$

$R9=-61$

$R10=43$

$R11=55$

$R12=61$

$R13=56$

$R14=91$

$R15=45$

Color Quality Scale: $Q_a=83.6$, $Q_f=76.4$, $Q_p=97.1$, $Q_g=116.3$

$Q1=78$

$Q2=88$

$Q3=95$

$Q4=93$

$Q5=98$

$Q6=92$

$Q7=85$

$Q8=84$

$Q9=89$

$Q10=84$

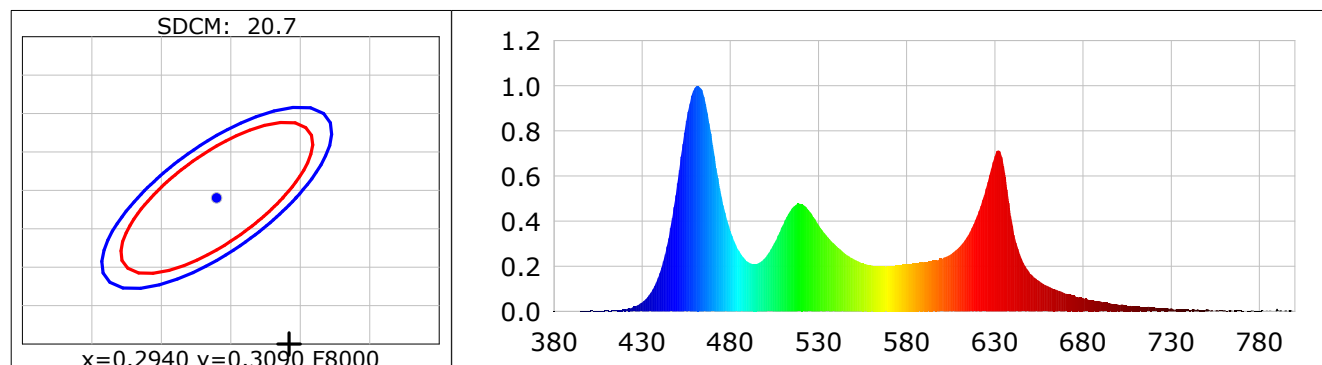
$Q11=76$

$Q12=75$

$Q13=82$

$Q14=84$

$Q15=76$



Photometric Parameters

Luminous Flux: 692.36 lm

Efficiency: 47.34 lm/W

Radiant Power: 2.733 W

Total mains efficacy: 47.34 lm/W

Energy Efficiency Class: G (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 24.000V

Current: 0.6094A

Power: 14.63W

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: 43969 (3107)

CCD Integration Time: 203.73 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 15:38:31

Inspector: