

Lightsource Test Report

Product Infomation

Product Category: DSG560-12-RGB-33

Product Type: 0603

CIE Colorimetric Parameters

 Chromaticity coordinates: $x=0.2593$ $y=0.2587$ $u(u')=0.1857$ $v=0.2779$ $v'=0.4168$

 CCT: $T_c=18540K$ ($duv=-0.00148$)

 Color Ratio: $R=0.223$ $G=0.643$ $B=0.134$

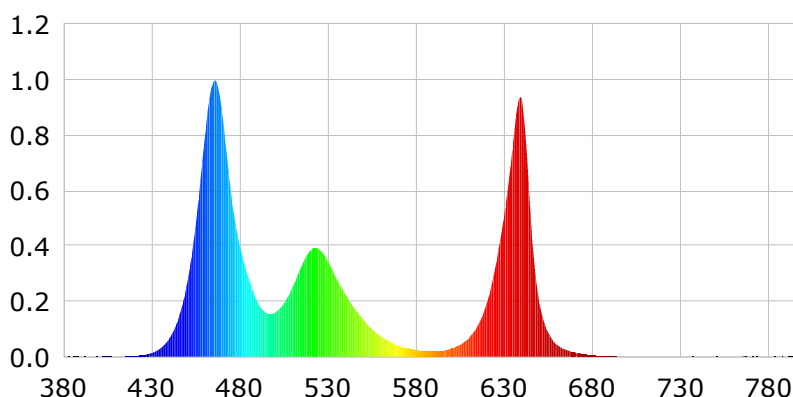
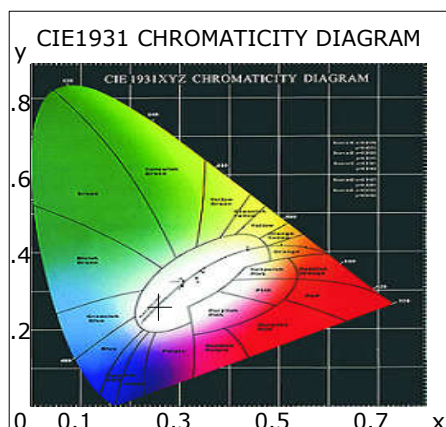
Peak Wavelength: 466.1nm

Half Bandwidth: 21.6nm

Dominant Wavelength: 476.8nm

Color Purity: 0.322

 CRI: $R_a=34.4$, $avgR(1\sim14)=9.4$, $avgR(1\sim15)=7.6$ TM30: $R_f=41$, $R_g=103$
 $R_1=14$ $R_2=50$ $R_3=71$ $R_4=36$ $R_5=40$ $R_6=56$ $R_7=45$ $R_8=-40$
 $R_9=-323$ $R_{10}=-5$ $R_{11}=32$ $R_{12}=54$ $R_{13}=19$ $R_{14}=78$ $R_{15}=-17$

 Color Quality Scale: $Q_a=55.1$, $Q_f=41.6$, $Q_p=79.1$, $Q_g=130.3$
 $Q_1=48$ $Q_2=66$ $Q_3=75$ $Q_4=70$ $Q_5=91$ $Q_6=85$ $Q_7=73$ $Q_8=67$
 $Q_9=73$ $Q_{10}=46$ $Q_{11}=30$ $Q_{12}=20$ $Q_{13}=38$ $Q_{14}=68$ $Q_{15}=48$


Photometric Parameters

 Luminous Flux: 570.61 lm
 EEI: 0.31

Efficiency: 38.01 lm/W

Radiant Power: 2.701 W

Energy Efficiency Class: B (EU 874-2012)

Electric Parameters

Voltage: 12.000V

Current: 1.2510A

Power: 15.01W

Power Factor: 1.0000

Frequency: 0.00Hz

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 1 ms

Max of Signal: 45042 (3600)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI

CCD Integration Time: 115.76 ms

 Condition: $T_x=25.1^\circ C$, $T_i=23.3^\circ C$, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2019-01-24 16:29:21

Inspector: