

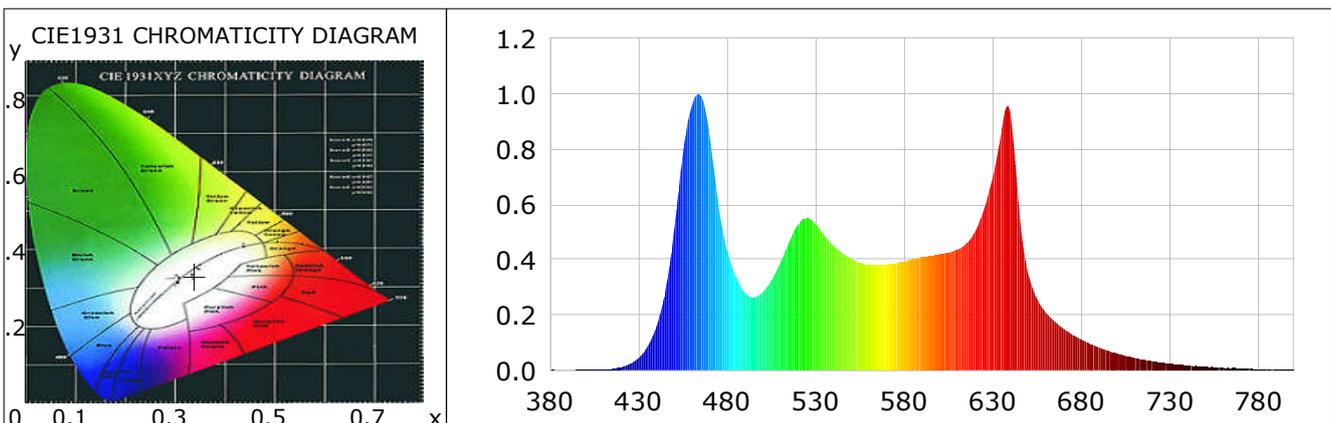
## Lightsource Test Report

### Product Information

Product Category: DSG5120-24-RGB+NW-33 (Product Type: 1205)  
Product Spec: BV-40 SW

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3389$   $y=0.3333$   $u(u')=0.2144$   $v=0.3163$   $v'=0.4745$   
CCT:  $T_c=5200K$  ( $duv=-0.00691$ ) Color Ratio:  $R=0.203$   $G=0.731$   $B=0.067$   
Peak Wavelength: 464.0nm Half Bandwidth: 27.8nm  
Dominant Wavelength: 609.6nm Color Purity: 0.017  
CRI:  $R_a=80.7$ ,  $avgR(1\sim14)=74.9$ ,  $avgR(1\sim15)=74.5$  TM30:  $R_f=81$ ,  $R_g=100$   
 $R_1=74$   $R_2=87$   $R_3=90$   $R_4=78$   $R_5=78$   $R_6=85$   $R_7=85$   $R_8=64$   
 $R_9=10$   $R_{10}=80$   $R_{11}=76$   $R_{12}=66$   $R_{13}=77$   $R_{14}=91$   $R_{15}=68$   
Color Quality Scale:  $Q_a=90.0$ ,  $Q_f=87.2$ ,  $Q_p=95.9$ ,  $Q_g=106.0$   
 $Q_1=82$   $Q_2=90$   $Q_3=96$   $Q_4=91$   $Q_5=89$   $Q_6=88$   $Q_7=91$   $Q_8=93$   
 $Q_9=92$   $Q_{10}=94$   $Q_{11}=93$   $Q_{12}=92$   $Q_{13}=94$   $Q_{14}=90$   $Q_{15}=84$



### Photometric Parameters

Luminous Flux: 2039.47 lm Efficiency: 70.40 lm/W Radiant Power: 7.277 W  
EEI: 0.19 Energy Efficiency Class: A (EU 874-2012)

### Electric Parameters

Voltage: 24.000V Current: 1.2071A Power: 28.97W  
Power Factor: 1.0000 Frequency: 0.00Hz

### Test Information

Scan Range: 380~800:1nm  
Stabilization Time: 1 Sec  
Max of Signal: 49072 (3638)

Photometric Method: sphere-spectroradiometer  
Photometric Condition: Sphere diameter: 1.50m, 4PI  
CCD Integration Time: 81.88 ms

Condition:  $T_x=25.8^{\circ}C$ ,  $T_i=24.2^{\circ}C$ , R.H.:60%  
Test Lab:  
Operator:

Test Device: Lisun LMS-9000A(Plus)  
Test Time: 2018-12-12 11:48:52  
Inspector: