

## Lightsource Test Report

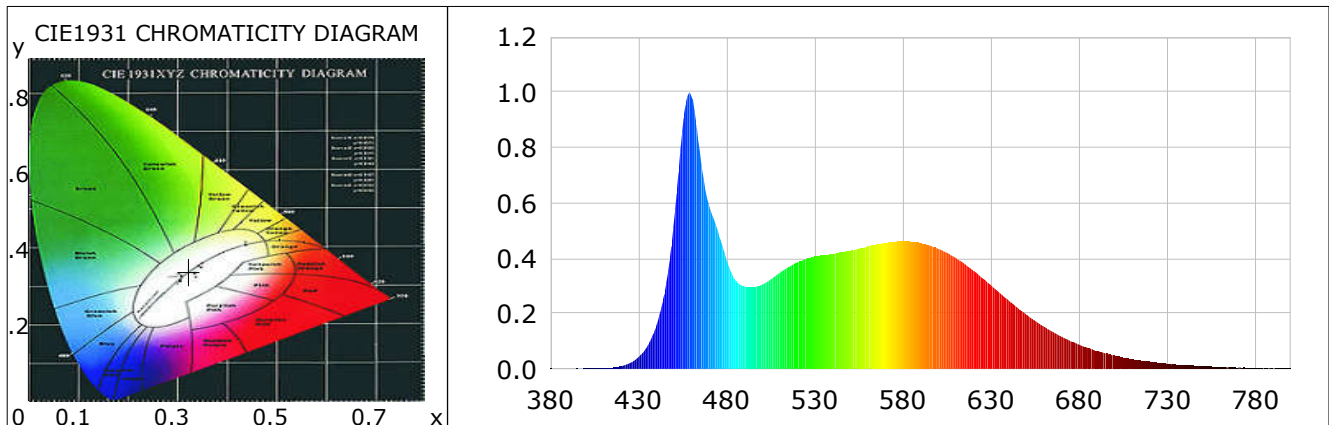
### Product Information

Product Category: DSG7120-24-W-33  
Product Spec:

Product Type: 1824  
Product Number: 34

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3240$   $y=0.3394$   $u(u')=0.2017$   $v=0.3170$   $v'=0.4754$   
 CCT:  $T_c=5886K$  ( $duv=0.00298$ ) Color Ratio:  $R=0.147$   $G=0.785$   $B=0.067$   
 Peak Wavelength: 459.1nm Half Bandwidth: 25.3nm  
 Dominant Wavelength: 500.3nm Color Purity: 0.029  
 CRI:  $R_a=86.9$ ,  $avgR(1\sim14)=81.5$ ,  $avgR(1\sim15)=81.8$  TM30:  $R_f=77$ ,  $R_g=89$   
 $R_1=87$   $R_2=95$   $R_3=97$   $R_4=79$   $R_5=83$   $R_6=87$   $R_7=86$   $R_8=76$   
 $R_9=36$   $R_{10}=85$   $R_{11}=81$   $R_{12}=53$   $R_{13}=91$   $R_{14}=98$   $R_{15}=85$   
 Color Quality Scale:  $Q_a=81.2$ ,  $Q_f=81.5$ ,  $Q_p=79.5$ ,  $Q_g=88.6$   
 $Q_1=76$   $Q_2=90$   $Q_3=87$   $Q_4=72$   $Q_5=71$   $Q_6=71$   $Q_7=80$   $Q_8=88$   
 $Q_9=96$   $Q_{10}=96$   $Q_{11}=89$   $Q_{12}=86$   $Q_{13}=85$   $Q_{14}=78$   $Q_{15}=79$



### Photometric Parameters

Luminous Flux: 2501.81 lm  
EEI: 0.13

Efficiency: 103.70 lm/W

Radiant Power: 8.087 W

Energy Efficiency Class: A+ (EU 874-2012)

### Electric Parameters

Voltage: 23.999V  
Power Factor: 1.0000

Current: 1.0053A  
Frequency: 0.00Hz

Power: 24.13W

### Test Information

Scan Range: 380~800:1nm  
Stabilization Time: 1 Sec  
Max of Signal: 53122 (3620)

Photometric Method: sphere-spectroradiometer  
Photometric Condition: Sphere diameter: 1.50m, 4PI  
CCD Integration Time: 63.61 ms

Condition:  $T_x=25.8^\circ C$ ,  $T_i=24.3^\circ C$ , R.H.:60%  
Test Lab:  
Operator:

Test Device: Lisun LMS-9000A(Plus)  
Test Time: 2018-11-15 15:22:11  
Inspector: