

## Lightsource Test Report

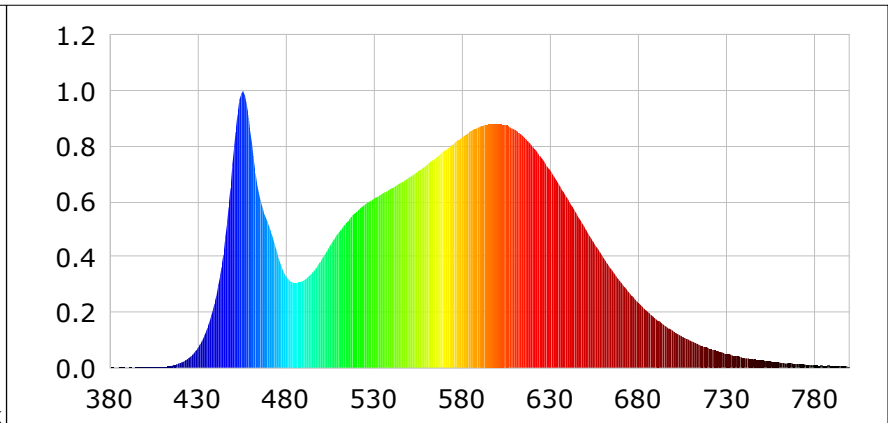
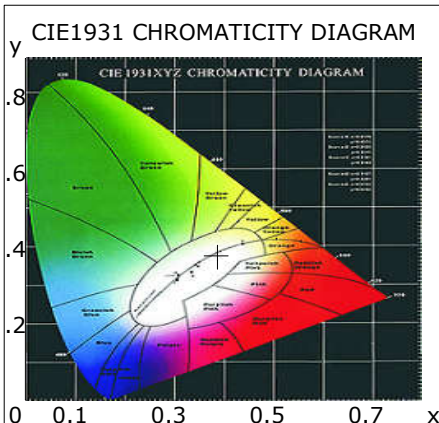
### Product Information

Product Category: DSG560-24-NW-33  
Product Spec: 35-BV

Product Type: 2118

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3851$   $y=0.3773$   $u(u')=0.2280$   $v=0.3350$   $v'=0.5025$   
 CCT:  $T_c=3878K$  ( $duv=-0.00108$ ) Color Ratio:  $R=0.193$   $G=0.767$   $B=0.040$   
 Peak Wavelength: 455.9nm Half Bandwidth: 24.9nm  
 Dominant Wavelength: 580.1nm Color Purity: 0.288  
 CRI:  $R_a=85.8$ ,  $avgR(1\sim14)=80.4$ ,  $avgR(1\sim15)=80.4$  TM30:  $R_f=82$ ,  $R_g=94$   
 $R_1=85$   $R_2=93$   $R_3=96$   $R_4=82$   $R_5=84$   $R_6=90$   $R_7=85$   $R_8=68$   
 $R_9=23$   $R_{10}=83$   $R_{11}=81$   $R_{12}=63$   $R_{13}=87$   $R_{14}=98$   $R_{15}=80$   
 Color Quality Scale:  $Q_a=84.4$ ,  $Q_f=84.7$ ,  $Q_p=83.9$ ,  $Q_g=92.8$   
 $Q_1=83$   $Q_2=97$   $Q_3=83$   $Q_4=77$   $Q_5=81$   $Q_6=83$   $Q_7=87$   $Q_8=90$   
 $Q_9=98$   $Q_{10}=92$   $Q_{11}=88$   $Q_{12}=86$   $Q_{13}=86$   $Q_{14}=77$   $Q_{15}=80$



### Photometric Parameters

Luminous Flux: 1522.23 lm  
EEI: 0.13

Efficiency: 104.89 lm/W  
Energy Efficiency Class: A+ (EU 874-2012)

Radiant Power: 4.725 W

### Electric Parameters

Voltage: 24.000V  
Power Factor: 1.0000

Current: 0.6047A  
Frequency: 0.00Hz

Power: 14.51W

### Test Information

Scan Range: 380~800:1nm  
Stabilization Time: 1 Sec  
Max of Signal: 50566 (3767)

Photometric Method: sphere-spectroradiometer  
Photometric Condition: Sphere diameter: 1.50m, 4PI  
CCD Integration Time: 194.28 ms

Condition:  $T_x=25.7^\circ C$ ,  $T_i=24.1^\circ C$ , R.H.:60%  
Test Lab:  
Operator:

Test Device: Lisun LMS-9000A(Plus)  
Test Time: 2018-11-27 11:01:10  
Inspector: