

## Lightsource Test Report

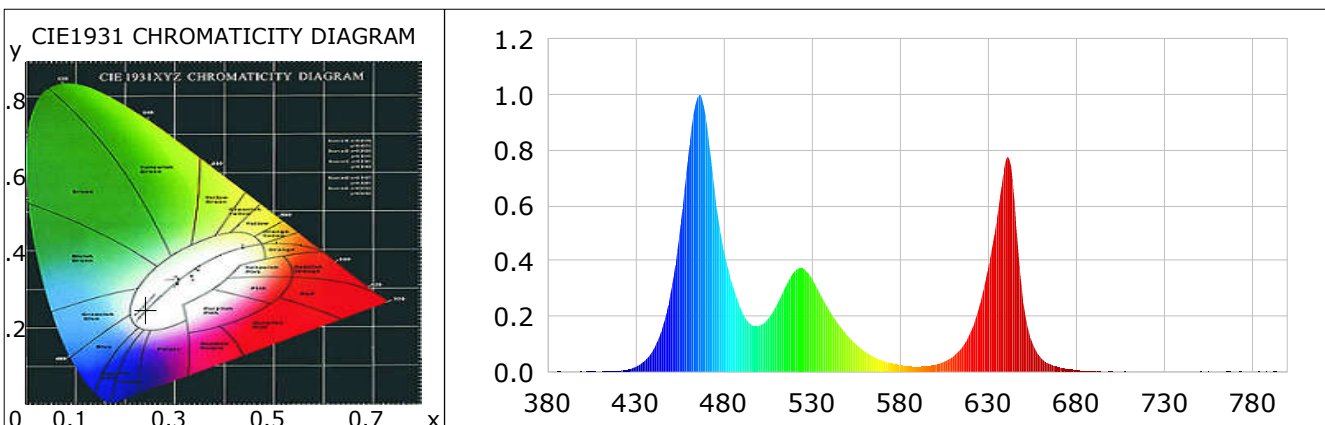
### Product Information

Product Category: DSG560-24-RGB-33

Product Type: 1653

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.2400$   $y=0.2487$   $u(u')=0.1744$   $v=0.2711$   $v'=0.4066$   
 CCT:  $T_c=44650K$  ( $duv=0.00730$ ) Color Ratio:  $R=0.192$   $G=0.658$   $B=0.150$   
 Peak Wavelength: 466.6nm Half Bandwidth: 23.2nm  
 Dominant Wavelength: 478.7nm Color Purity: 0.394  
 CRI:  $R_a=46.5$ ,  $avgR(1\sim14)=23.3$ ,  $avgR(1\sim15)=21.8$  TM30:  $R_f=44$ ,  $R_g=99$   
 $R_1=33$   $R_2=56$   $R_3=74$   $R_4=52$   $R_5=56$   $R_6=65$   $R_7=50$   $R_8=-18$   
 $R_9=-286$   $R_{10}=7$   $R_{11}=57$   $R_{12}=59$   $R_{13}=34$   $R_{14}=81$   $R_{15}=0$   
 Color Quality Scale:  $Q_a=57.0$ ,  $Q_f=46.4$ ,  $Q_p=74.4$ ,  $Q_g=124.4$   
 $Q_1=52$   $Q_2=63$   $Q_3=77$   $Q_4=76$   $Q_5=93$   $Q_6=84$   $Q_7=79$   $Q_8=75$   
 $Q_9=74$   $Q_{10}=45$   $Q_{11}=32$   $Q_{12}=22$   $Q_{13}=39$   $Q_{14}=72$   $Q_{15}=51$



### Photometric Parameters

 Luminous Flux: 556.54 lm  
 EEI: 0.33

Efficiency: 35.07 lm/W

Radiant Power: 2.707 W

Energy Efficiency Class: B (EU 874-2012)

### Electric Parameters

 Voltage: 24.000V  
 Power Factor: 1.0000

 Current: 0.6612A  
 Frequency: 0.00Hz

Power: 15.87W

### Test Information

 Scan Range: 380~800:1nm  
 Stabilization Time: 1 Sec  
 Max of Signal: 44452 (4133)

 Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 1.50m, 4PI  
 CCD Integration Time: 93.97 ms

 Condition:  $T_x=29.8^{\circ}C$ ,  $T_i=28.8^{\circ}C$ , R.H.:60%  
 Test Lab:  
 Operator:

 Test Device: Lisun LMS-9000A(Plus)  
 Test Time: 2018-08-02 14:44:58  
 Inspector: