

Lightsource Test Report

Product Information

Product Category: DSG3120-24-W-33

Product Type: 2482

CIE Colorimetric Parameters

 Chromaticity coordinates: $x=0.3256$ $y=0.3396$ $u(u')=0.2027$ $v=0.3172$ $v'=0.4758$

 CCT: $T_c=5812K$ ($duv=0.00237$)

 Color Ratio: $R=0.149$ $G=0.785$ $B=0.065$

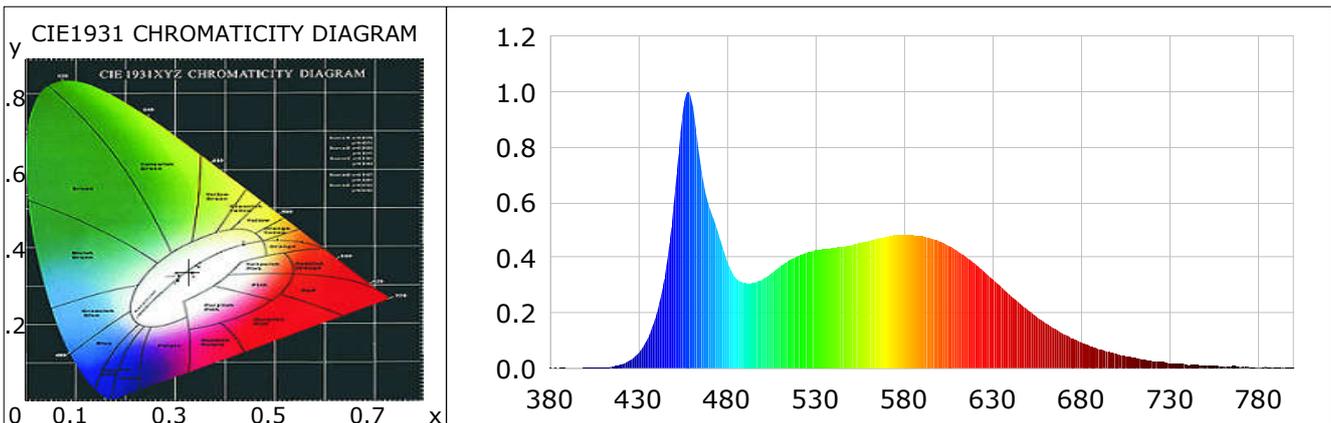
Peak Wavelength: 458.4nm

Half Bandwidth: 26.1nm

Dominant Wavelength: 502.7nm

Color Purity: 0.023

 CRI: $R_a=87.5$, $avgR(1\sim14)=82.0$, $avgR(1\sim15)=82.3$ TM30: $R_f=79$, $R_g=90$
 $R_1=88$ $R_2=95$ $R_3=96$ $R_4=82$ $R_5=84$ $R_6=87$ $R_7=88$ $R_8=77$
 $R_9=37$ $R_{10}=84$ $R_{11}=83$ $R_{12}=54$ $R_{13}=91$ $R_{14}=97$ $R_{15}=86$

 Color Quality Scale: $Q_a=82.0$, $Q_f=82.3$, $Q_p=80.4$, $Q_g=89.4$
 $Q_1=77$ $Q_2=92$ $Q_3=86$ $Q_4=73$ $Q_5=73$ $Q_6=73$ $Q_7=82$ $Q_8=89$
 $Q_9=97$ $Q_{10}=95$ $Q_{11}=89$ $Q_{12}=86$ $Q_{13}=85$ $Q_{14}=79$ $Q_{15}=80$


Photometric Parameters

 Luminous Flux: 952.66 lm
 EEI: 0.13

Efficiency: 97.58 lm/W

Radiant Power: 3.079 W

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

Electric Parameters

 Voltage: 24.000V
 Power Factor: 1.0000

 Current: 0.4068A
 Frequency: 0.00Hz

Power: 9.76W

Test Information

 Scan Range: 380~800:1nm
 Stabilization Time: 1 Sec
 Max of Signal: 44575 (4222)

 Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4PI
 CCD Integration Time: 148.05 ms

 Condition: $T_x=29.8^\circ C$, $T_i=28.6^\circ C$, R.H.:60%
 Test Lab:
 Operator:

 Test Device: Lisun LMS-9000A(Plus)
 Test Time: 2018-08-02 14:33:34
 Inspector: