

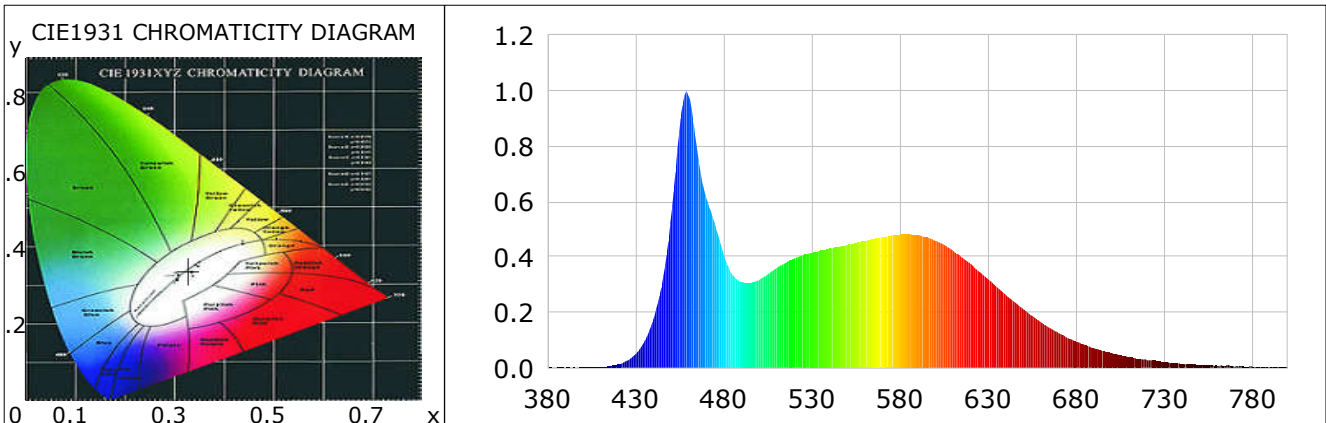
Lightsource Test Report

Product Information

Product Category: DSG3120-12-W-33 (BV) Product Type: 0525
Product Spec: BV-40 SW

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3266$ $y=0.3405$ $u(u')=0.2031$ $v=0.3176$ $v'=0.4764$
 CCT: $T_c=5762K$ ($duv=0.00236$) Color Ratio: $R=0.150$ $G=0.783$ $B=0.067$
 Peak Wavelength: 459.0nm Half Bandwidth: 26.5nm
 Dominant Wavelength: 506.7nm Color Purity: 0.020
 CRI: $R_a=87.2$, $avgR(1\sim14)=82.0$, $avgR(1\sim15)=82.3$ TM30: $R_f=78$, $R_g=89$
 $R_1=88$ $R_2=95$ $R_3=97$ $R_4=80$ $R_5=83$ $R_6=88$ $R_7=87$ $R_8=76$
 $R_9=37$ $R_{10}=85$ $R_{11}=81$ $R_{12}=54$ $R_{13}=92$ $R_{14}=98$ $R_{15}=86$
 Color Quality Scale: $Q_a=81.5$, $Q_f=81.8$, $Q_p=79.8$, $Q_g=88.8$
 $Q_1=76$ $Q_2=90$ $Q_3=87$ $Q_4=73$ $Q_5=72$ $Q_6=72$ $Q_7=80$ $Q_8=88$
 $Q_9=96$ $Q_{10}=96$ $Q_{11}=89$ $Q_{12}=86$ $Q_{13}=85$ $Q_{14}=79$ $Q_{15}=79$



Photometric Parameters

Luminous Flux: 862.07 lm Efficiency: 94.53 lm/W Radiant Power: 2.792 W
 EEI: 0.13 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 12.000V Current: 0.7600A Power: 9.12W
 Power Factor: 1.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 1 Sec Photometric Condition: Sphere diameter: 1.50m, 4PI
 Max of Signal: 45025 (3743) CCD Integration Time: 180.17 ms

Condition: $T_x:25.8^\circ C$, $T_i:24.0^\circ C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Lisun LMS-9000A(Plus)
 Test Time: 2018-12-12 14:32:15
 Inspector: