

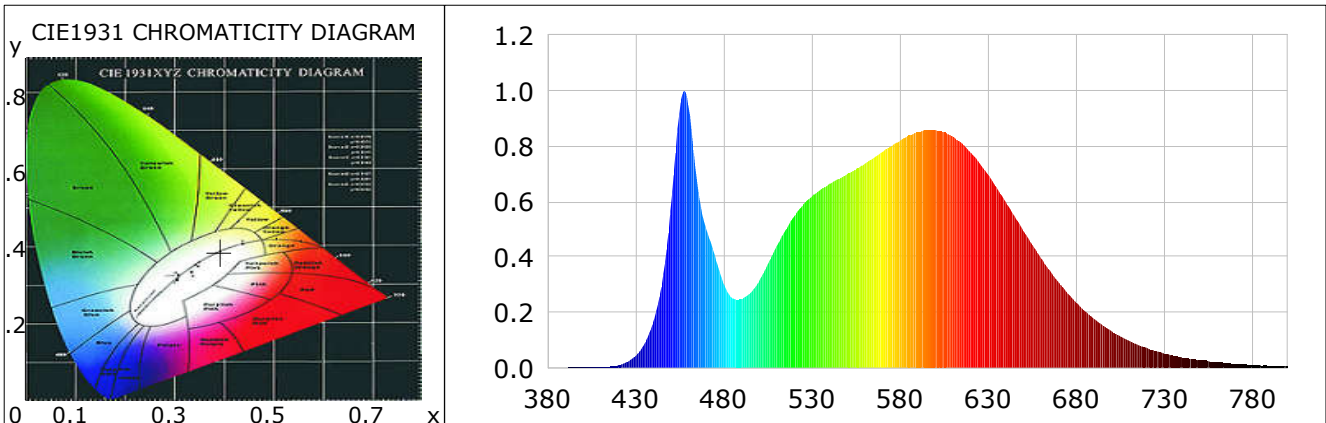
Lightsource Test Report

Product Information

Product Category: DSG2420-24-NW-33 Product Type: 3247
Product Spec: 35-BV

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3905$ $y=0.3859$ $u(u')=0.2280$ $v=0.3380$ $v'=0.5070$
 CCT: $T_c=3808K$ ($duv=0.00142$) Color Ratio: $R=0.191$ $G=0.773$ $B=0.036$
 Peak Wavelength: 457.8nm Half Bandwidth: 21.3nm
 Dominant Wavelength: 579.1nm Color Purity: 0.330
 CRI: $R_a=83.7$, $avgR(1\sim14)=77.2$, $avgR(1\sim15)=77.2$ TM30: $R_f=80$, $R_g=93$
 $R_1=82$ $R_2=91$ $R_3=95$ $R_4=79$ $R_5=81$ $R_6=86$ $R_7=85$ $R_8=66$
 $R_9=17$ $R_{10}=76$ $R_{11}=77$ $R_{12}=56$ $R_{13}=85$ $R_{14}=97$ $R_{15}=77$
 Color Quality Scale: $Q_a=82.6$, $Q_f=83.0$, $Q_p=81.4$, $Q_g=91.3$
 $Q_1=81$ $Q_2=97$ $Q_3=80$ $Q_4=73$ $Q_5=77$ $Q_6=79$ $Q_7=84$ $Q_8=89$
 $Q_9=98$ $Q_{10}=91$ $Q_{11}=87$ $Q_{12}=86$ $Q_{13}=86$ $Q_{14}=76$ $Q_{15}=79$



Photometric Parameters

Luminous Flux: 5347.66 lm Efficiency: 143.60 lm/W Radiant Power: 16.278 W
 EEI: 0.09 Energy Efficiency Class: A++ (EU 874-2012)

Electric Parameters

Voltage: 23.999V Current: 1.5517A Power: 37.24W
 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: 45126 (3583) CCD Integration Time: 47.13 ms

Condition: $T_x=25.6^\circ C$, $T_i=24.2^\circ C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Lisun LMS-9000A(Plus)
 Test Time: 2018-11-27 10:45:34
 Inspector: