

Lightsource Test Report

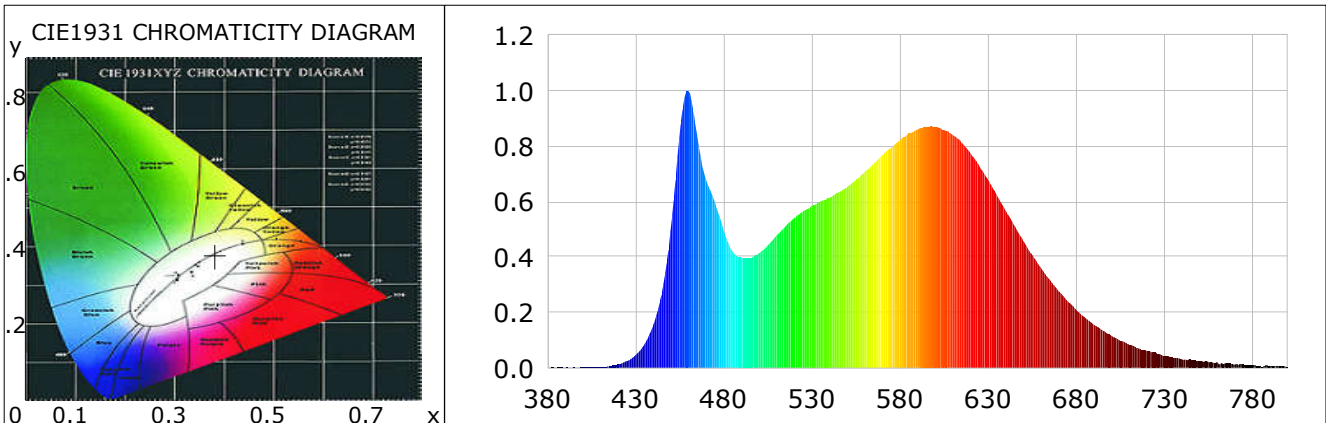
Product Information

Product Category: DSG3120-12-NW-33

Product Spec:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3815$ $y=0.3771$ $u(u')=0.2257$ $v=0.3346$ $v'=0.5019$
 CCT: $T_c=3974K$ ($duv=-0.00013$) Color Ratio: $R=0.191$ $G=0.761$ $B=0.049$
 Peak Wavelength: 459.6nm Half Bandwidth: 29.9nm
 Dominant Wavelength: 579.2nm Color Purity: 0.277
 CRI: $R_a=85.1$, $avgR(1\sim14)=80.5$, $avgR(1\sim15)=80.5$ TM30: $R_f=80$, $R_g=90$
 $R_1=86$ $R_2=97$ $R_3=91$ $R_4=79$ $R_5=85$ $R_6=93$ $R_7=81$ $R_8=65$
 $R_9=21$ $R_{10}=92$ $R_{11}=78$ $R_{12}=66$ $R_{13}=90$ $R_{14}=96$ $R_{15}=80$
 Color Quality Scale: $Q_a=84.0$, $Q_f=84.4$, $Q_p=82.2$, $Q_g=89.6$
 $Q_1=78$ $Q_2=92$ $Q_3=89$ $Q_4=79$ $Q_5=78$ $Q_6=78$ $Q_7=84$ $Q_8=89$
 $Q_9=96$ $Q_{10}=97$ $Q_{11}=91$ $Q_{12}=88$ $Q_{13}=87$ $Q_{14}=77$ $Q_{15}=78$



Photometric Parameters

Luminous Flux: 870.02 lm
 EEI: 0.14

Efficiency: 92.15 lm/W

Radiant Power: 2.701 W

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

Electric Parameters

Voltage: 12.000V
 Power Factor: 1.0000

Current: 0.7868A
 Frequency: 0.00Hz

Power: 9.44W

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 1 Sec
 Max of Signal: 44896 (3788)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4PI
 CCD Integration Time: 253.22 ms

Condition: $T_x=25.1^\circ C$, $T_i=24.3^\circ C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Lisun LMS-9000A(Plus)
 Test Time: 2018-09-19 12:34:14
 Inspector: