

Lightsource Test Report

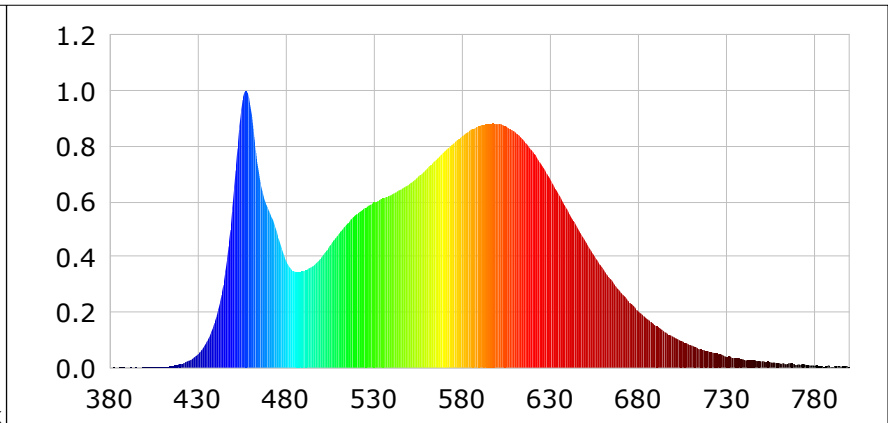
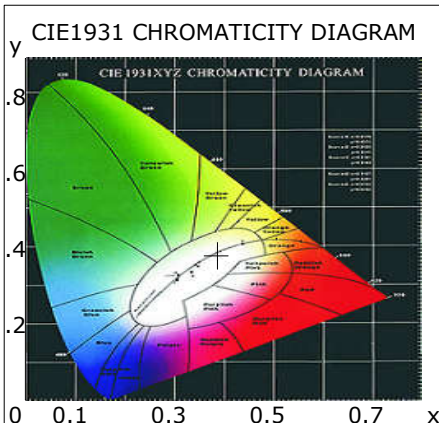
Product Information

Product Category: DSG3120-24-NW-33

Product Spec:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3853$ $y=0.3804$ $u(u')=0.2268$ $v=0.3359$ $v'=0.5039$
 CCT: $T_c=3898K$ ($duv=0.00030$) Color Ratio: $R=0.191$ $G=0.766$ $B=0.043$
 Peak Wavelength: 457.5nm Half Bandwidth: 25.8nm
 Dominant Wavelength: 579.3nm Color Purity: 0.298
 CRI: $R_a=84.5$, $avgR(1\sim14)=79.0$, $avgR(1\sim15)=79.0$ TM30: $R_f=80$, $R_g=92$
 $R_1=84$ $R_2=94$ $R_3=94$ $R_4=79$ $R_5=83$ $R_6=91$ $R_7=82$ $R_8=64$
 $R_9=15$ $R_{10}=86$ $R_{11}=79$ $R_{12}=63$ $R_{13}=87$ $R_{14}=97$ $R_{15}=78$
 Color Quality Scale: $Q_a=83.6$, $Q_f=84.1$, $Q_p=81.9$, $Q_g=90.3$
 $Q_1=79$ $Q_2=95$ $Q_3=85$ $Q_4=77$ $Q_5=79$ $Q_6=80$ $Q_7=85$ $Q_8=90$
 $Q_9=97$ $Q_{10}=94$ $Q_{11}=90$ $Q_{12}=87$ $Q_{13}=86$ $Q_{14}=75$ $Q_{15}=77$



Photometric Parameters

Luminous Flux: 957.01 lm
 EEI: 0.13

Efficiency: 97.12 lm/W

Radiant Power: 2.923 W

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

Electric Parameters

Voltage: 24.000V
 Power Factor: 1.0000

Current: 0.4106A
 Frequency: 0.00Hz

Power: 9.85W

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 1 Sec
 Max of Signal: 45102 (3739)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4PI
 CCD Integration Time: 239.36 ms

Condition: $T_x=25.0^\circ C$, $T_i=24.3^\circ C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Lisun LMS-9000A(Plus)
 Test Time: 2018-09-19 11:10:27
 Inspector: