

Lightsource Test Report

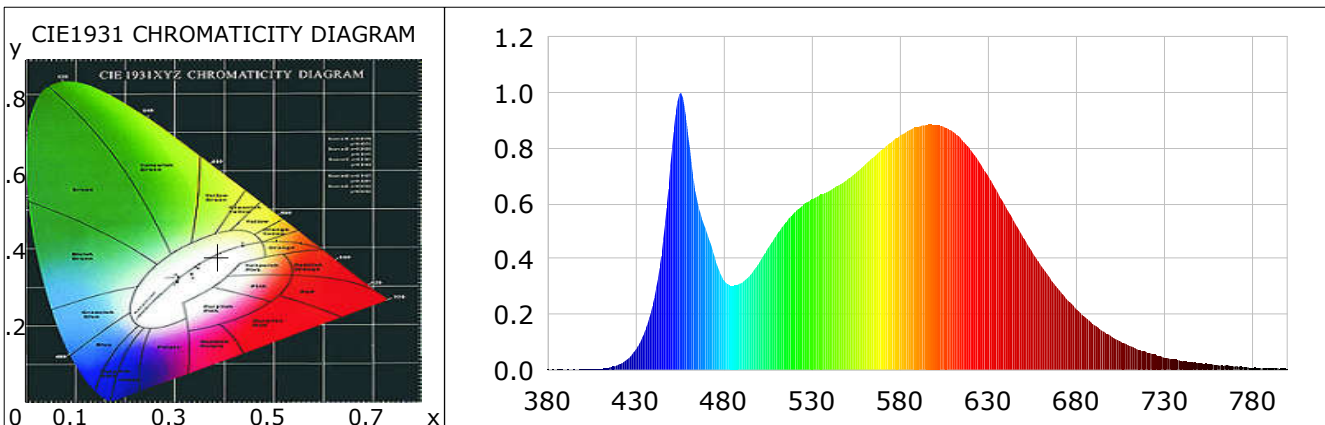
Product Information

Product Category: DSG298-24-NW-33

Product Spec:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3852$ $y=0.3788$ $u(u')=0.2274$ $v=0.3355$ $v'=0.5032$
 CCT: $T_c=3888K$ ($duv=-0.00039$) Color Ratio: $R=0.191$ $G=0.770$ $B=0.039$
 Peak Wavelength: 455.7nm Half Bandwidth: 23.9nm
 Dominant Wavelength: 579.7nm Color Purity: 0.293
 CRI: $R_a=84.7$, $avgR(1\sim14)=78.9$, $avgR(1\sim15)=78.8$ TM30: $R_f=82$, $R_g=94$
 $R_1=83$ $R_2=92$ $R_3=96$ $R_4=81$ $R_5=83$ $R_6=89$ $R_7=84$ $R_8=65$
 $R_9=17$ $R_{10}=81$ $R_{11}=80$ $R_{12}=62$ $R_{13}=86$ $R_{14}=98$ $R_{15}=78$
 Color Quality Scale: $Q_a=83.6$, $Q_f=83.9$, $Q_p=82.8$, $Q_g=92.0$
 $Q_1=82$ $Q_2=97$ $Q_3=82$ $Q_4=76$ $Q_5=80$ $Q_6=82$ $Q_7=86$ $Q_8=89$
 $Q_9=98$ $Q_{10}=92$ $Q_{11}=87$ $Q_{12}=86$ $Q_{13}=85$ $Q_{14}=75$ $Q_{15}=78$



Photometric Parameters

 Luminous Flux: 1388.37 lm
 EEI: 0.10

Efficiency: 135.80 lm/W

Radiant Power: 4.250 W

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

Electric Parameters

 Voltage: 24.000V
 Power Factor: 1.0000

 Current: 0.4260A
 Frequency: 0.00Hz

Power: 10.22W

Test Information

 Scan Range: 380~800:1nm
 Stabilization Time: 1 Sec
 Max of Signal: 52919 (3726)

 Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4PI
 CCD Integration Time: 203.45 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 11:21:01
 Inspector: