

Lightsource Test Report

Product Information

Product Category: DSG2280-24-NW-33

Product Type: 0531

CIE Colorimetric Parameters

 Chromaticity coordinates: $x=0.3849$ $y=0.3771$ $u(u')=0.2279$ $v=0.3349$ $v'=0.5024$

 CCT: $T_c=3882K$ ($duv=-0.00114$)

 Color Ratio: $R=0.192$ $G=0.769$ $B=0.040$

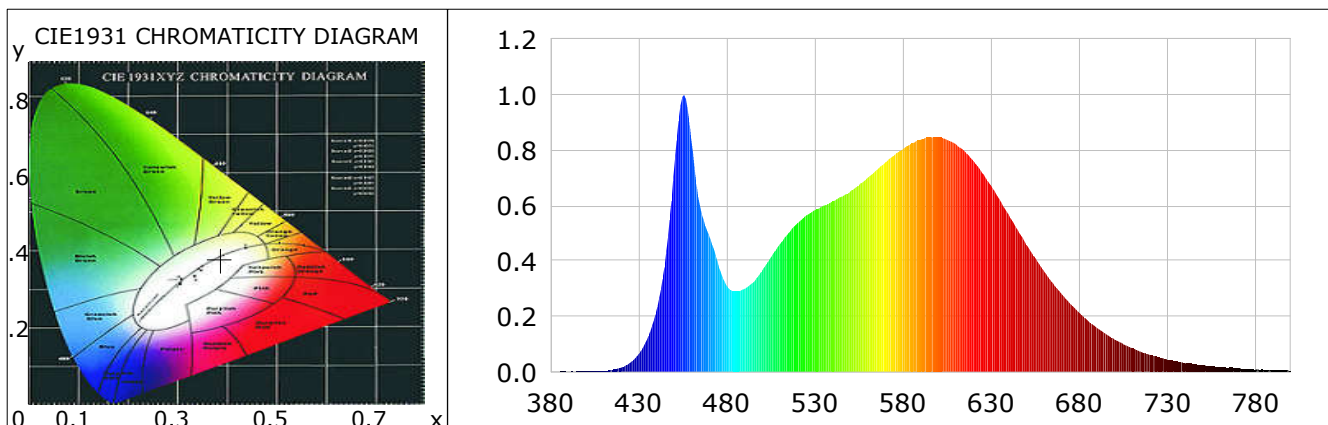
Peak Wavelength: 455.8nm

Half Bandwidth: 22.6nm

Dominant Wavelength: 580.1nm

Color Purity: 0.287

 CRI: $R_a=84.9$, $avgR(1\sim14)=79.3$, $avgR(1\sim15)=79.3$ TM30: $R_f=82$, $R_g=94$
 $R_1=84$ $R_2=93$ $R_3=95$ $R_4=81$ $R_5=83$ $R_6=89$ $R_7=84$ $R_8=66$
 $R_9=18$ $R_{10}=82$ $R_{11}=80$ $R_{12}=62$ $R_{13}=87$ $R_{14}=98$ $R_{15}=79$

 Color Quality Scale: $Q_a=83.6$, $Q_f=83.9$, $Q_p=83.0$, $Q_g=92.3$
 $Q_1=82$ $Q_2=97$ $Q_3=82$ $Q_4=76$ $Q_5=80$ $Q_6=82$ $Q_7=86$ $Q_8=89$
 $Q_9=98$ $Q_{10}=92$ $Q_{11}=87$ $Q_{12}=85$ $Q_{13}=85$ $Q_{14}=76$ $Q_{15}=78$


Photometric Parameters

 Luminous Flux: 3654.52 lm
 EEI: 0.10

Efficiency: 141.70 lm/W

Radiant Power: 11.247 W

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

Electric Parameters

Voltage: 24.000V

Current: 1.0746A

Power: 25.79W

Power Factor: 1.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 1 Sec

Max of Signal: 44268 (4101)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI

CCD Integration Time: 61.54 ms

 Condition: $T_x=29.9^\circ C$, $T_i=29.0^\circ C$, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2018-08-02 17:11:00

Inspector: