

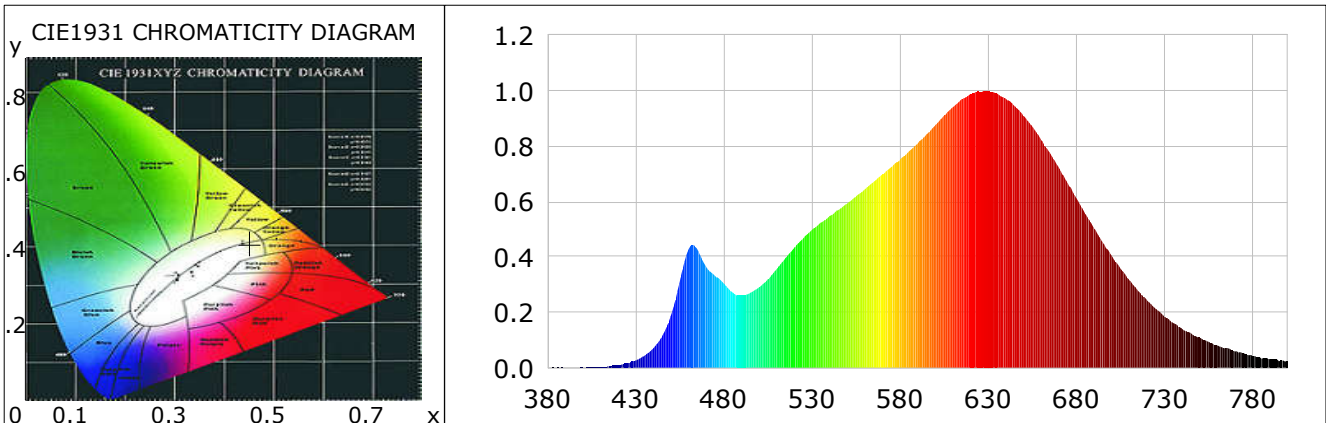
Lightsource Test Report

Product Information

Product Category: DSG2A300-24-WW-33 Product Type: 2840

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4539$ $y=0.4112$ $u(u')=0.2584$ $v=0.3511$ $v'=0.5267$
 CCT: $T_c=2791K$ ($duv=0.00078$) Color Ratio: $R=0.257$ $G=0.713$ $B=0.029$
 Peak Wavelength: 628.3nm Half Bandwidth: 159.9nm
 Dominant Wavelength: 583.5nm Color Purity: 0.597
 CRI: $R_a=93.7$, $avgR(1\sim14)=91.3$, $avgR(1\sim15)=91.3$ TM30: $R_f=87$, $R_g=95$
 $R_1=94$ $R_2=98$ $R_3=99$ $R_4=91$ $R_5=93$ $R_6=97$ $R_7=91$ $R_8=84$
 $R_9=68$ $R_{10}=94$ $R_{11}=90$ $R_{12}=80$ $R_{13}=95$ $R_{14}=99$ $R_{15}=91$
 Color Quality Scale: $Q_a=90.5$, $Q_f=92.3$, $Q_p=91.9$, $Q_g=93.1$
 $Q_1=87$ $Q_2=93$ $Q_3=92$ $Q_4=87$ $Q_5=86$ $Q_6=87$ $Q_7=91$ $Q_8=94$
 $Q_9=95$ $Q_{10}=95$ $Q_{11}=95$ $Q_{12}=94$ $Q_{13}=94$ $Q_{14}=90$ $Q_{15}=90$



Photometric Parameters

Luminous Flux: 1365.79 lm Efficiency: 70.08 lm/W Radiant Power: 4.999 W
 EEI: 0.19 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 24.000V Current: 0.8120A Power: 19.49W
 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: 44658 (4326) CCD Integration Time: 213.93 ms

Condition: $T_x=29.8^\circ C$, $T_i=28.8^\circ C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Lisun LMS-9000A(Plus)
 Test Time: 2018-08-02 15:14:36
 Inspector: