

Lightsource Test Report

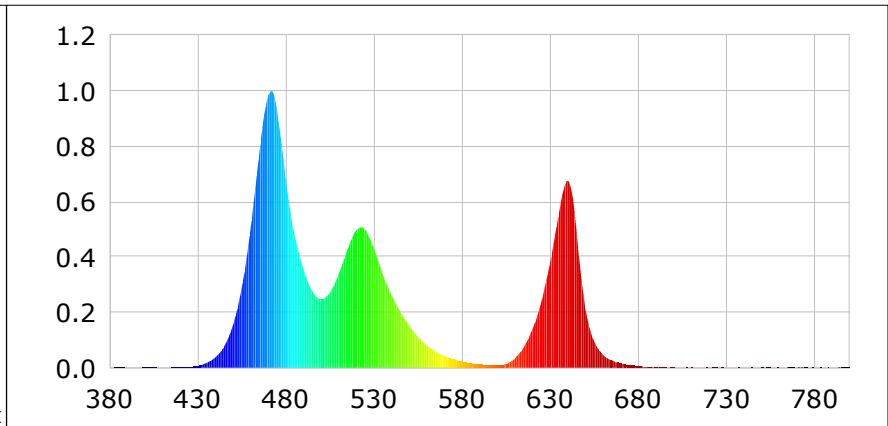
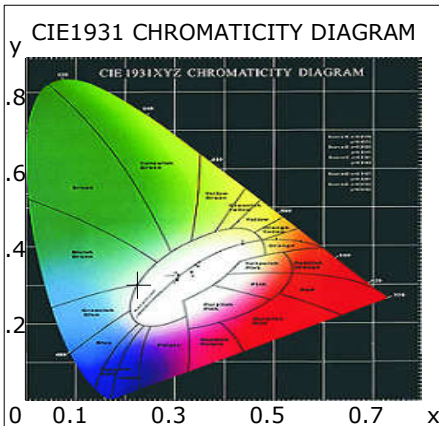
Product Information

Product Category: DSG3A60-24-RGB-33

Product Type: 2843

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.2276$ $y=0.3024$ $u(u')=0.1474$ $v=0.2939$ $v'=0.4409$
 CCT: $T_c=16390K$ ($duv=0.03989$) Color Ratio: $R=0.147$ $G=0.699$ $B=0.154$
 Peak Wavelength: 472.1nm Half Bandwidth: 24.3nm
 Dominant Wavelength: 487.9nm Color Purity: 0.380
 CRI: $R_a=60.3$, $avgR(1\sim14)=45.3$, $avgR(1\sim15)=45.0$ TM30: $R_f=44$, $R_g=84$
 $R_1=68$ $R_2=65$ $R_3=68$ $R_4=64$ $R_5=85$ $R_6=65$ $R_7=49$ $R_8=16$
 $R_9=-162$ $R_{10}=25$ $R_{11}=84$ $R_{12}=66$ $R_{13}=56$ $R_{14}=81$ $R_{15}=40$
 Color Quality Scale: $Q_a=51.1$, $Q_f=45.4$, $Q_p=58.9$, $Q_g=102.0$
 $Q_1=51$ $Q_2=49$ $Q_3=61$ $Q_4=69$ $Q_5=88$ $Q_6=82$ $Q_7=85$ $Q_8=72$
 $Q_9=54$ $Q_{10}=29$ $Q_{11}=24$ $Q_{12}=18$ $Q_{13}=33$ $Q_{14}=79$ $Q_{15}=57$



Photometric Parameters

Luminous Flux: 426.08 lm
 EEI: 0.37

Efficiency: 29.59 lm/W

Radiant Power: 1.843 W

Energy Efficiency Class: B (EU 874-2012)

Electric Parameters

Voltage: 24.000V
 Power Factor: 1.0000

Current: 0.5999A
 Frequency: 0.00Hz

Power: 14.40W

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 1 Sec
 Max of Signal: 44351 (4228)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4PI
 CCD Integration Time: 147.96 ms

Condition: $T_x=29.9^\circ C$, $T_i=28.8^\circ C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Lisun LMS-9000A(Plus)
 Test Time: 2018-08-02 15:51:18
 Inspector: