

Lightsource Test Report

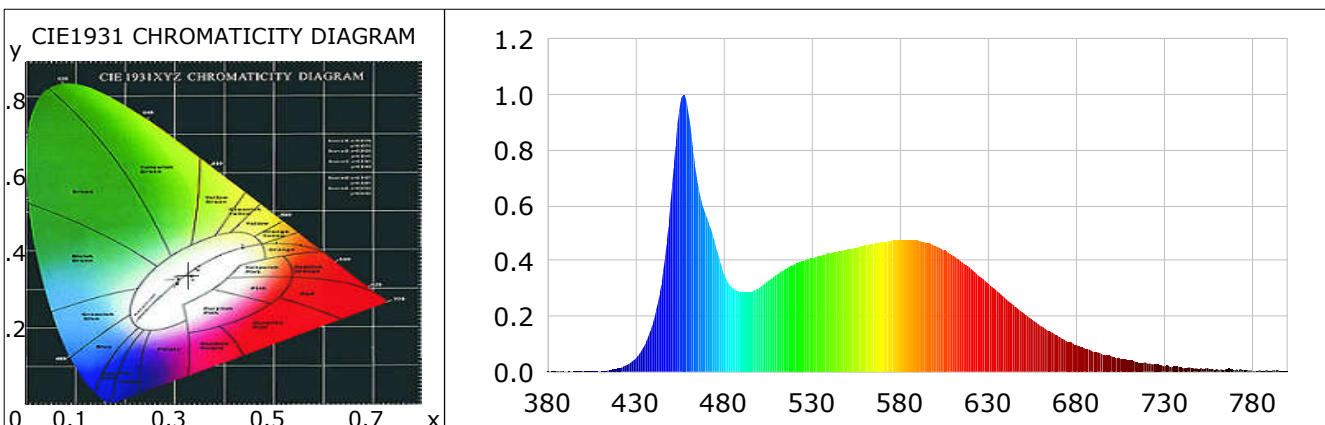
Product Information

Product Category: DSG360-12-W-33

Product Type: 0524

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3277$ $y=0.3391$ $u(u')=0.2044$ $v=0.3172$ $v'=0.4758$
 CCT: $T_c=5716K$ ($duv=0.00113$) Color Ratio: $R=0.151$ $G=0.785$ $B=0.064$
 Peak Wavelength: 457.5nm Half Bandwidth: 25.3nm
 Dominant Wavelength: 505.8nm Color Purity: 0.017
 CRI: $R_a=87.3$, $avgR(1\sim14)=81.7$, $avgR(1\sim15)=82.0$ TM30: $R_f=78$, $R_g=91$
 $R_1=87$ $R_2=94$ $R_3=94$ $R_4=82$ $R_5=84$ $R_6=86$ $R_7=89$ $R_8=78$
 $R_9=38$ $R_{10}=82$ $R_{11}=83$ $R_{12}=53$ $R_{13}=91$ $R_{14}=96$ $R_{15}=86$
 Color Quality Scale: $Q_a=81.6$, $Q_f=81.8$, $Q_p=80.0$, $Q_g=89.8$
 $Q_1=78$ $Q_2=93$ $Q_3=85$ $Q_4=71$ $Q_5=72$ $Q_6=73$ $Q_7=82$ $Q_8=90$
 $Q_9=98$ $Q_{10}=94$ $Q_{11}=87$ $Q_{12}=85$ $Q_{13}=84$ $Q_{14}=79$ $Q_{15}=80$



Photometric Parameters

 Luminous Flux: 450.54 lm
 EEI: 0.11

Efficiency: 96.46 lm/W

Radiant Power: 1.460 W

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

Electric Parameters

 Voltage: 12.000V
 Power Factor: 1.0000

 Current: 0.3893A
 Frequency: 0.00Hz

Power: 4.67W

Test Information

 Scan Range: 380~800:1nm
 Stabilization Time: 1 ms
 Max of Signal: 45262 (3834)

 Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4PI
 CCD Integration Time: 367.16 ms

 Condition: $T_x=25.1^\circ C$, $T_i=23.3^\circ C$, R.H.:60%
 Test Lab:
 Operator:

 Test Device: Lisun LMS-9000A(Plus)
 Test Time: 2019-01-24 16:26:14
 Inspector: