

Lightsource Test Report

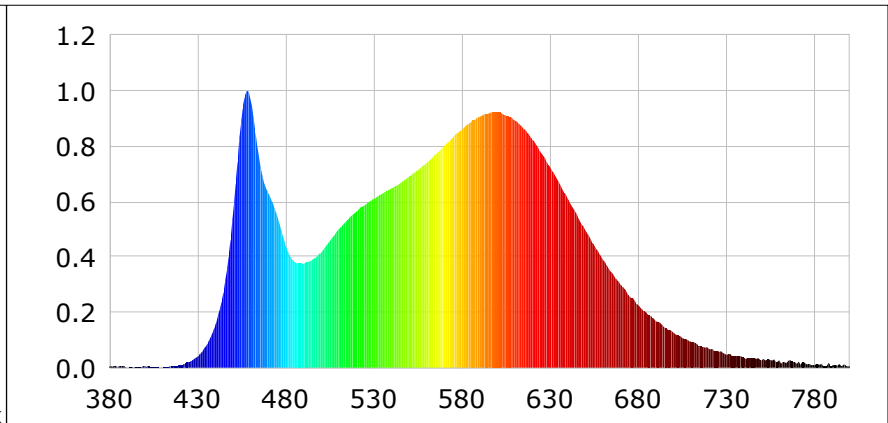
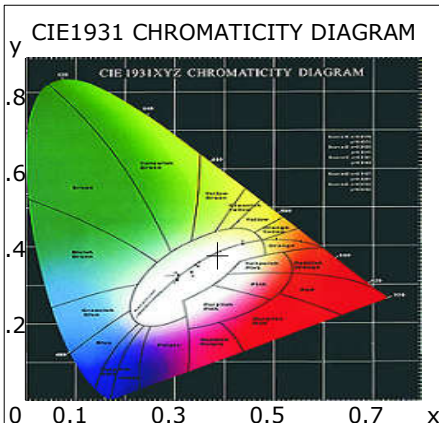
Product Information

Product Category: DSG360-12-NW-33
Product Spec: 35-BV

Product Type: 1818

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3879$ $y=0.3823$ $u(u')=0.2278$ $v=0.3367$ $v'=0.5051$
 CCT: $T_c=3845K$ ($duv=0.00046$) Color Ratio: $R=0.194$ $G=0.762$ $B=0.044$
 Peak Wavelength: 458.6nm Half Bandwidth: 28.1nm
 Dominant Wavelength: 579.4nm Color Purity: 0.312
 CRI: $R_a=85.1$, $avgR(1\sim14)=80.1$, $avgR(1\sim15)=80.0$ TM30: $R_f=80$, $R_g=91$
 $R_1=85$ $R_2=95$ $R_3=93$ $R_4=80$ $R_5=84$ $R_6=92$ $R_7=82$ $R_8=65$
 $R_9=19$ $R_{10}=88$ $R_{11}=79$ $R_{12}=65$ $R_{13}=89$ $R_{14}=97$ $R_{15}=79$
 Color Quality Scale: $Q_a=84.2$, $Q_f=84.7$, $Q_p=82.4$, $Q_g=90.1$
 $Q_1=79$ $Q_2=94$ $Q_3=87$ $Q_4=78$ $Q_5=79$ $Q_6=80$ $Q_7=85$ $Q_8=90$
 $Q_9=97$ $Q_{10}=96$ $Q_{11}=91$ $Q_{12}=88$ $Q_{13}=87$ $Q_{14}=77$ $Q_{15}=78$



Photometric Parameters

Luminous Flux: 432.01 lm
EEI: 0.11

Efficiency: 99.38 lm/W

Radiant Power: 1.332 W

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

Electric Parameters

Voltage: 12.000V
Power Factor: 1.0000

Current: 0.3623A
Frequency: 0.00Hz

Power: 4.35W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 1 Sec
Max of Signal: 45107 (4113)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 603.40 ms

Condition: $T_x=25.7^\circ C$, $T_i=24.1^\circ C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2018-11-27 11:16:42
Inspector: