

Lightsource Test Report

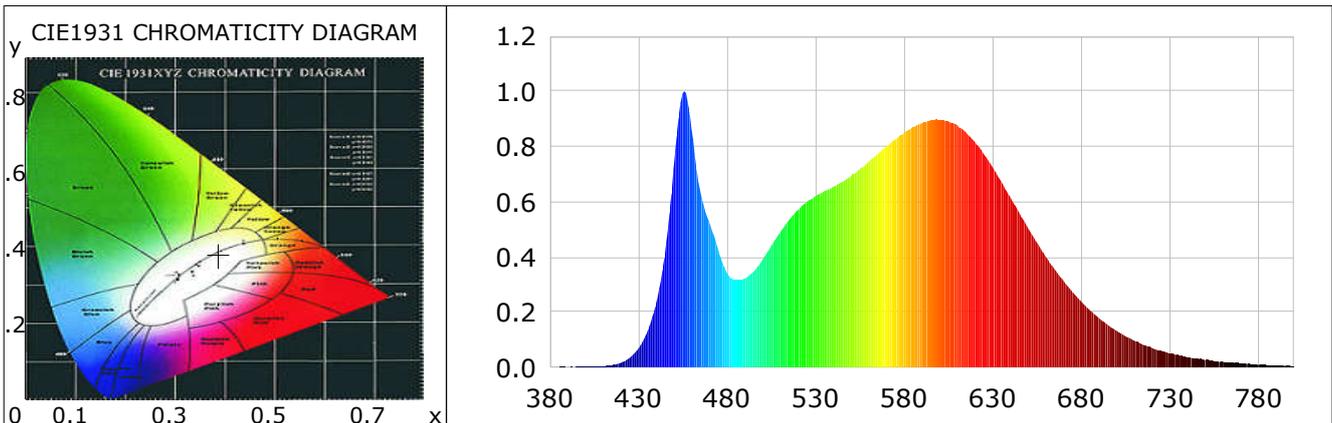
Product Infomation

Product Category: DSG5120-24-NW-33
Product Spec:

Product Type: 1133
Product Number: 36

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3865$ $y=0.3789$ $u(u')=0.2282$ $v=0.3356$ $v'=0.5034$
 CCT: $T_c=3855K$ ($duv=-0.00071$) Color Ratio: $R=0.193$ $G=0.767$ $B=0.040$
 Peak Wavelength: 456.1nm Half Bandwidth: 24.7nm
 Dominant Wavelength: 580.0nm Color Purity: 0.297
 CRI: $R_a=85.5$, $avgR(1\sim14)=80.0$, $avgR(1\sim15)=80.0$ TM30: $R_f=82$, $R_g=94$
 $R_1=84$ $R_2=93$ $R_3=96$ $R_4=82$ $R_5=84$ $R_6=90$ $R_7=85$ $R_8=67$
 $R_9=21$ $R_{10}=83$ $R_{11}=81$ $R_{12}=63$ $R_{13}=87$ $R_{14}=98$ $R_{15}=79$
 Color Quality Scale: $Q_a=84.3$, $Q_f=84.6$, $Q_p=83.5$, $Q_g=92.4$
 $Q_1=82$ $Q_2=97$ $Q_3=83$ $Q_4=77$ $Q_5=80$ $Q_6=83$ $Q_7=86$ $Q_8=90$
 $Q_9=98$ $Q_{10}=92$ $Q_{11}=88$ $Q_{12}=86$ $Q_{13}=86$ $Q_{14}=77$ $Q_{15}=79$



Photometric Parameters

Luminous Flux: 2807.48 lm
EEI: 0.14

Efficiency: 96.58 lm/W

Radiant Power: 8.679 W

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

Electric Parameters

Voltage: 24.000V
Power Factor: 1.0000

Current: 1.2114A
Frequency: 0.00Hz

Power: 29.07W

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 1 Sec
Max of Signal: 44906 (3650)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 85.88 ms

Condition: $T_x=25.9^{\circ}C$, $T_i=24.1^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2018-11-15 17:23:38
Inspector: