

Lightsource Test Report

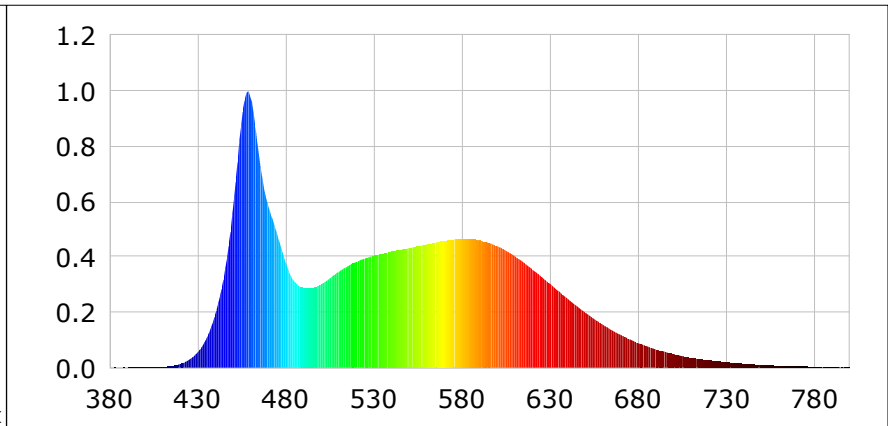
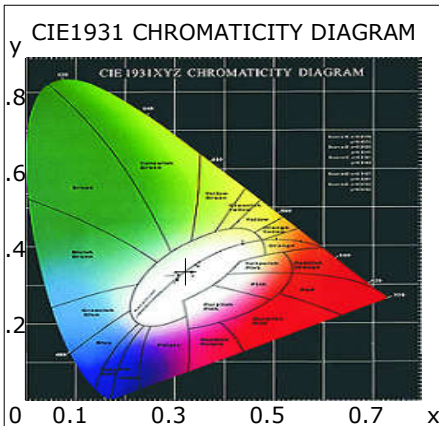
Product Information

Product Category: DSG5120-24-W-33
Product Spec: 35-BV

Product Type: 0522

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3231$ $y=0.3358$ $u(u')=0.2024$ $v=0.3156$ $v'=0.4734$
 CCT: $T_c=5940K$ ($duv=0.00160$) Color Ratio: $R=0.147$ $G=0.786$ $B=0.067$
 Peak Wavelength: 458.8nm Half Bandwidth: 25.5nm
 Dominant Wavelength: 494.8nm Color Purity: 0.033
 CRI: $R_a=87.1$, $avgR(1\sim14)=81.6$, $avgR(1\sim15)=81.9$ TM30: $R_f=78$, $R_g=90$
 $R_1=87$ $R_2=95$ $R_3=95$ $R_4=81$ $R_5=83$ $R_6=86$ $R_7=88$ $R_8=77$
 $R_9=37$ $R_{10}=83$ $R_{11}=82$ $R_{12}=53$ $R_{13}=91$ $R_{14}=97$ $R_{15}=86$
 Color Quality Scale: $Q_a=81.2$, $Q_f=81.5$, $Q_p=79.7$, $Q_g=89.3$
 $Q_1=77$ $Q_2=92$ $Q_3=86$ $Q_4=71$ $Q_5=71$ $Q_6=72$ $Q_7=81$ $Q_8=89$
 $Q_9=97$ $Q_{10}=95$ $Q_{11}=87$ $Q_{12}=85$ $Q_{13}=84$ $Q_{14}=78$ $Q_{15}=79$



Photometric Parameters

Luminous Flux: 2858.89 lm
EEI: 0.14

Efficiency: 100.54 lm/W

Radiant Power: 9.299 W

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

Electric Parameters

Voltage: 24.000V
Power Factor: 1.0000

Current: 1.1848A
Frequency: 0.00Hz

Power: 28.44W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 1 Sec
Max of Signal: 45181 (3577)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 52.80 ms

Condition: $T_x=25.6^\circ C$, $T_i=24.1^\circ C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2018-11-27 10:35:57
Inspector: