

Lightsource Test Report

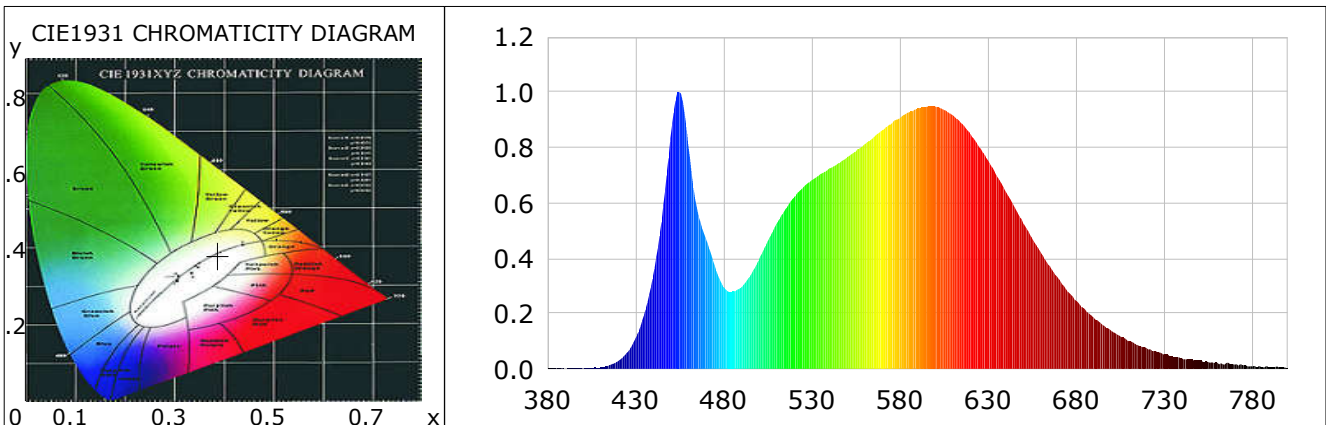
Product Information

Product Category: SWG2P80-24-7.2-NW
Product Spec: BR-91

Product Type: 3595
Product Number: 3

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3863$ $y=0.3815$ $u(u')=0.2270$ $v=0.3363$ $v'=0.5045$
 CCT: $T_c=3881K$ ($duv=0.00055$) Color Ratio: $R=0.189$ $G=0.776$ $B=0.035$
 Peak Wavelength: 454.6nm Half Bandwidth: 24.2nm
 Dominant Wavelength: 579.2nm Color Purity: 0.304
 CRI: $R_a=83.8$, $avgR(1\sim14)=77.4$, $avgR(1\sim15)=77.4$ TM30: $R_f=82$, $R_g=95$
 $R_1=82$ $R_2=90$ $R_3=95$ $R_4=81$ $R_5=81$ $R_6=86$ $R_7=86$ $R_8=66$
 $R_9=15$ $R_{10}=75$ $R_{11}=79$ $R_{12}=60$ $R_{13}=84$ $R_{14}=97$ $R_{15}=77$
 Color Quality Scale: $Q_a=83.2$, $Q_f=83.4$, $Q_p=82.8$, $Q_g=92.6$
 $Q_1=83$ $Q_2=98$ $Q_3=80$ $Q_4=75$ $Q_5=80$ $Q_6=82$ $Q_7=85$ $Q_8=89$
 $Q_9=98$ $Q_{10}=89$ $Q_{11}=86$ $Q_{12}=85$ $Q_{13}=85$ $Q_{14}=75$ $Q_{15}=78$



Photometric Parameters

Luminous Flux: 1089.53 lm
EEI: 0.09

Efficiency: 142.05 lm/W

Radiant Power: 3.323 W

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

Electric Parameters

Voltage: 23.999V
Power Factor: 1.0000

Current: 0.3196A
Frequency: 0.00Hz

Power: 7.67W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 1 Sec
Max of Signal: 52738 (3879)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 309.92 ms

Condition: $T_x=25.5^{\circ}C$, $T_i=23.9^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2018-12-14 12:29:47
Inspector: