

Lightsource Test Report

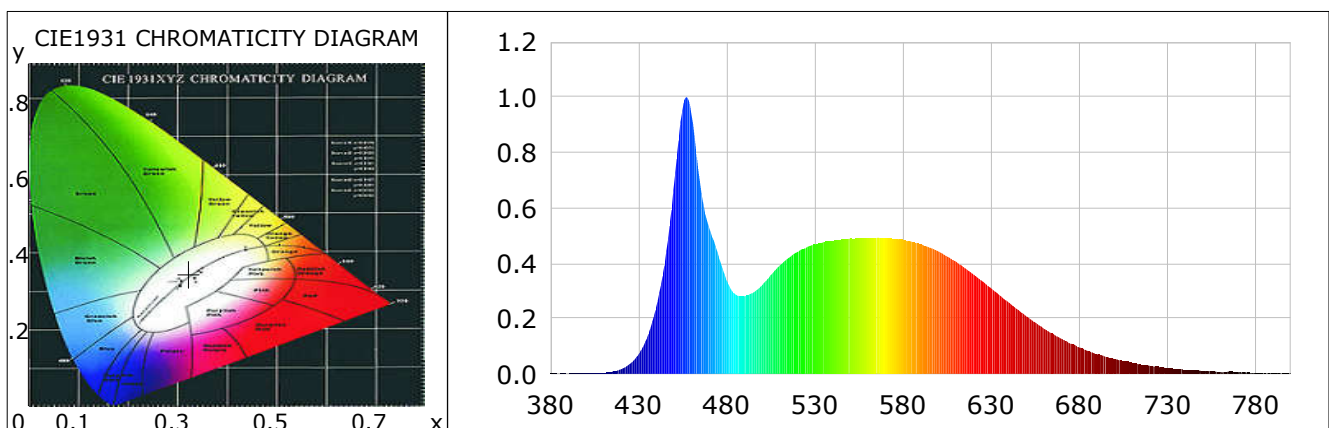
Product Information

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

Product Type: 3594
 Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3211$ $y=0.3439$ $u(u')=0.1980$ $v=0.3182$ $v'=0.4773$
 CCT: $T_c=6010K$ ($duv=0.00666$) Color Ratio: $R=0.139$ $G=0.801$ $B=0.060$
 Peak Wavelength: 457.3nm Half Bandwidth: 24.6nm
 Dominant Wavelength: 503.4nm Color Purity: 0.037
 CRI: $R_a=85.3$, $avgR(1\sim14)=78.2$, $avgR(1\sim15)=78.4$ TM30: $R_f=79$, $R_g=91$
 $R_1=84$ $R_2=89$ $R_3=90$ $R_4=83$ $R_5=82$ $R_6=82$ $R_7=91$ $R_8=77$
 $R_9=26$ $R_{10}=72$ $R_{11}=82$ $R_{12}=48$ $R_{13}=86$ $R_{14}=94$ $R_{15}=81$
 Color Quality Scale: $Q_a=81.4$, $Q_f=81.7$, $Q_p=79.6$, $Q_g=88.8$
 $Q_1=79$ $Q_2=95$ $Q_3=83$ $Q_4=71$ $Q_5=73$ $Q_6=74$ $Q_7=82$ $Q_8=90$
 $Q_9=97$ $Q_{10}=92$ $Q_{11}=87$ $Q_{12}=85$ $Q_{13}=85$ $Q_{14}=77$ $Q_{15}=79$



Photometric Parameters

Luminous Flux: 1007.53 lm
 EEI: 0.09

Efficiency: 143.83 lm/W

Radiant Power: 3.205 W

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

Electric Parameters

Voltage: 23.999V
 Power Factor: 1.0000

Current: 0.2919A
 Frequency: 0.00Hz

Power: 7.01W

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 1 Sec
 Max of Signal: 44950 (3704)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4PI
 CCD Integration Time: 162.81 ms

Condition: $T_x=25.6^\circ C$, $T_i=23.9^\circ C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Lisun LMS-9000A(Plus)
 Test Time: 2018-12-14 12:17:53
 Inspector: