

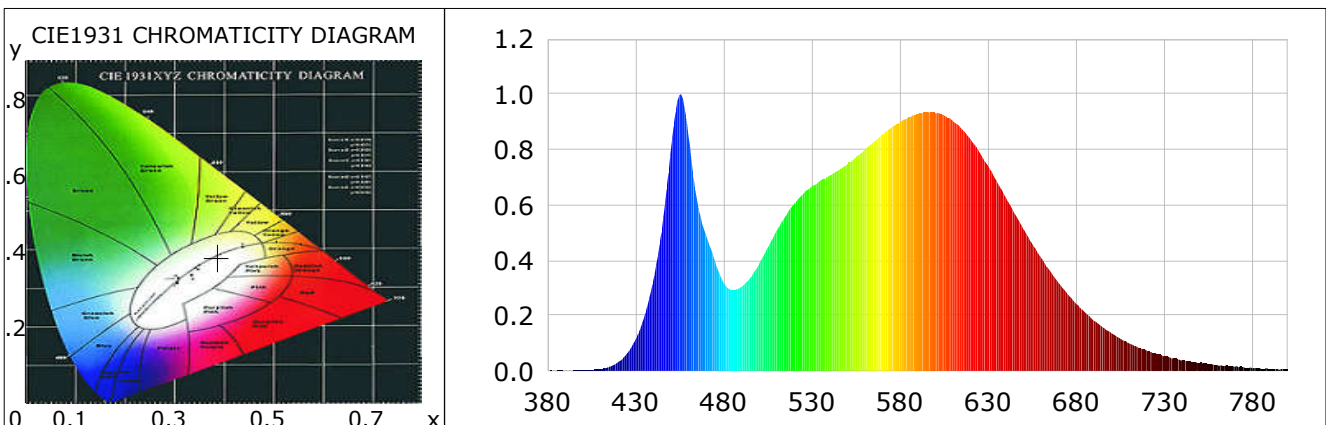
## Lightsource Test Report

### Product Information

Product Category: SWG2P160-24-14.4-NW BRProduct Type: 3607  
Product Spec: Product Number: 6

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3851$   $y=0.3792$   $u(u')=0.2272$   $v=0.3356$   $v'=0.5034$   
 CCT:  $T_c=3893K$  ( $duv=-0.00018$ ) Color Ratio:  $R=0.189$   $G=0.774$   $B=0.037$   
 Peak Wavelength: 455.7nm Half Bandwidth: 24.8nm  
 Dominant Wavelength: 579.6nm Color Purity: 0.294  
 CRI:  $R_a=83.9$ ,  $avgR(1\sim14)=77.7$ ,  $avgR(1\sim15)=77.7$  TM30:  $R_f=82$ ,  $R_g=95$   
 $R_1=82$   $R_2=90$   $R_3=95$   $R_4=81$   $R_5=82$   $R_6=86$   $R_7=85$   $R_8=66$   
 $R_9=15$   $R_{10}=77$   $R_{11}=79$   $R_{12}=61$   $R_{13}=84$   $R_{14}=97$   $R_{15}=77$   
 Color Quality Scale:  $Q_a=83.0$ ,  $Q_f=83.2$ ,  $Q_p=82.6$ ,  $Q_g=92.5$   
 $Q_1=82$   $Q_2=98$   $Q_3=80$   $Q_4=75$   $Q_5=79$   $Q_6=82$   $Q_7=85$   $Q_8=89$   
 $Q_9=98$   $Q_{10}=90$   $Q_{11}=86$   $Q_{12}=85$   $Q_{13}=84$   $Q_{14}=75$   $Q_{15}=78$



### Photometric Parameters

Luminous Flux: 1864.14 lm Efficiency: 129.35 lm/W Radiant Power: 5.712 W  
 EEI: 0.11 Energy Efficiency Class: A++ (EU 874-2012)

### Electric Parameters

Voltage: 24.000V Current: 0.6005A Power: 14.41W  
 Power Factor: 1.0000 Frequency: 0.00Hz

### Test Information

Scan Range: 380~800:1nm  
 Stabilization Time: 1 Sec  
 Max of Signal: 44937 (3692)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 1.50m, 4PI  
 CCD Integration Time: 137.16 ms

Condition:  $T_x=25.7^\circ C$ ,  $T_i=23.9^\circ C$ , R.H.:60%  
 Test Lab:  
 Operator:

Test Device: Lisun LMS-9000A(Plus)  
 Test Time: 2018-11-14 15:54:28  
 Inspector: