

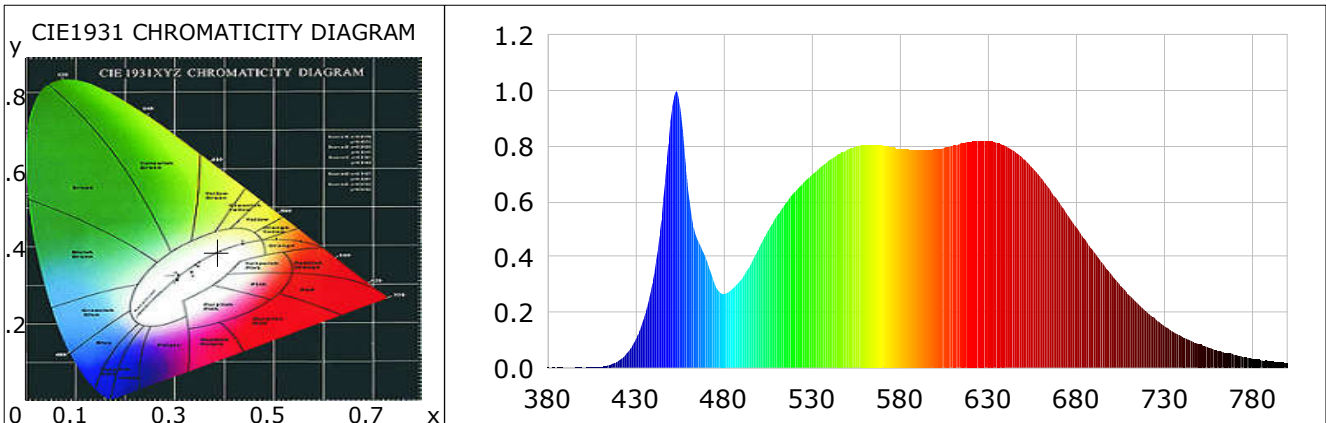
## Lightsource Test Report

### Product Information

Product Category: SY-601203-BL-30-36-NW Product Type: 4836  
Product Spec: 6-SY

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3857$   $y=0.3868$   $u(u')=0.2245$   $v=0.3378$   $v'=0.5067$   
 CCT:  $T_c=3936K$  ( $duv=0.00315$ ) Color Ratio:  $R=0.193$   $G=0.772$   $B=0.035$   
 Peak Wavelength: 453.3nm Half Bandwidth: 19.2nm  
 Dominant Wavelength: 577.8nm Color Purity: 0.318  
 CRI:  $R_a=90.0$ ,  $avgR(1\sim14)=85.5$ ,  $avgR(1\sim15)=85.7$  TM30:  $R_f=87$ ,  $R_g=98$   
 $R_1=89$   $R_2=91$   $R_3=90$   $R_4=89$   $R_5=87$   $R_6=86$   $R_7=96$   $R_8=88$   
 $R_9=66$   $R_{10}=77$   $R_{11}=87$   $R_{12}=61$   $R_{13}=89$   $R_{14}=94$   $R_{15}=88$   
 Color Quality Scale:  $Q_a=89.7$ ,  $Q_f=89.5$ ,  $Q_p=90.1$ ,  $Q_g=97.2$   
 $Q_1=93$   $Q_2=99$   $Q_3=83$   $Q_4=81$   $Q_5=86$   $Q_6=88$   $Q_7=90$   $Q_8=94$   
 $Q_9=96$   $Q_{10}=92$   $Q_{11}=91$   $Q_{12}=92$   $Q_{13}=93$   $Q_{14}=91$   $Q_{15}=92$



### Photometric Parameters

Luminous Flux: 2701.81 lm Efficiency: 109.62 lm/W Radiant Power: 9.319 W  
 EEI: 0.12 Energy Efficiency Class: A+ (EU 874-2012)

### Electric Parameters

Voltage: 24.000V Current: 1.0270A Power: 24.65W  
 Power Factor: 1.0000 Frequency: 0.00Hz

### Test Information

Scan Range: 380~800:1nm  
 Stabilization Time: 1 ms  
 Max of Signal: 45155 (3584)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 1.50m, 4PI  
 CCD Integration Time: 113.28 ms

Condition:  $T_x=24.9^\circ C$ ,  $T_i=23.7^\circ C$ , R.H.:60%  
 Test Lab:  
 Operator:

Test Device: Lisun LMS-9000A(Plus)  
 Test Time: 2019-01-28 11:01:59  
 Inspector: