

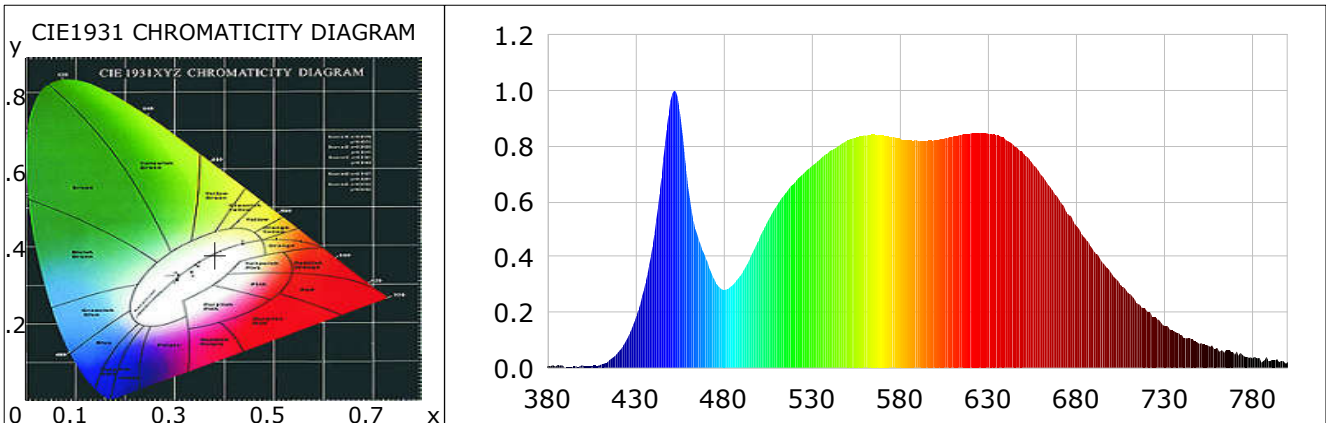
## Lightsource Test Report

### Product Information

Product Category: SY-601201-BL-7-NW      Product Type: 3586  
Product Spec: 6-SY

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3807$   $y=0.3802$      $u(u')=0.2239$   $v=0.3354$   $v'=0.5032$   
 CCT:  $T_c=4019K$  ( $duv=0.00155$ )      Color Ratio:  $R=0.191$   $G=0.773$   $B=0.036$   
 Peak Wavelength: 452.3nm      Half Bandwidth: 22.9nm  
 Dominant Wavelength: 578.2nm      Color Purity: 0.284  
 CRI:  $R_a=90.0$ ,  $avgR(1\sim14)=85.8$ ,  $avgR(1\sim15)=86.1$     TM30:  $R_f=88$ ,  $R_g=99$   
 $R_1=89$      $R_2=91$      $R_3=90$      $R_4=90$      $R_5=88$      $R_6=86$      $R_7=95$      $R_8=88$   
 $R_9=66$      $R_{10}=77$      $R_{11}=88$      $R_{12}=64$      $R_{13}=89$      $R_{14}=94$      $R_{15}=89$   
 Color Quality Scale:  $Q_a=89.6$ ,  $Q_f=89.2$ ,  $Q_p=90.6$ ,  $Q_g=98.3$   
 $Q_1=94$      $Q_2=99$      $Q_3=82$      $Q_4=81$      $Q_5=87$      $Q_6=89$      $Q_7=90$      $Q_8=94$   
 $Q_9=96$      $Q_{10}=91$      $Q_{11}=90$      $Q_{12}=92$      $Q_{13}=93$      $Q_{14}=90$      $Q_{15}=92$



### Photometric Parameters

Luminous Flux: 386.53 lm      Efficiency: 54.16 lm/W      Radiant Power: 1.342 W  
 EEI: 0.20      Energy Efficiency Class: A (EU 874-2012)

### Electric Parameters

Voltage: 24.000V      Current: 0.2974A      Power: 7.14W  
 Power Factor: 1.0000      Frequency: 0.00Hz

### Test Information

Scan Range: 380~800:1nm      Photometric Method: sphere-spectroradiometer  
 Stabilization Time: 1 ms      Photometric Condition: Sphere diameter: 1.50m, 4PI  
 Max of Signal: 44258 (4202)      CCD Integration Time: 765.78 ms

Condition:  $T_x=25.1^\circ C$ ,  $T_i=23.4^\circ C$ , R.H.:60%  
 Test Lab:  
 Operator:

Test Device: Lisun LMS-9000A(Plus)  
 Test Time: 2019-01-28 11:53:39  
 Inspector: