

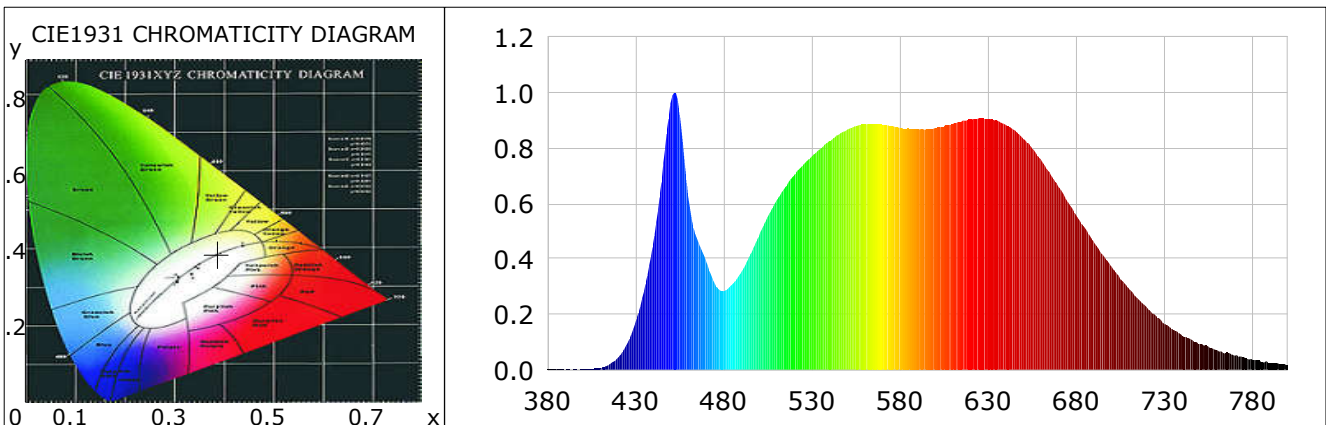
## Lightsource Test Report

### Product Information

Product Category: SY-601201-BL-10-36-NW Product Type: 4833  
Product Spec: 6-SY

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3857$   $y=0.3860$   $u(u')=0.2249$   $v=0.3376$   $v'=0.5064$   
 CCT:  $T_c=3929K$  ( $duv=0.00276$ ) Color Ratio:  $R=0.193$   $G=0.772$   $B=0.035$   
 Peak Wavelength: 452.4nm Half Bandwidth: 22.4nm  
 Dominant Wavelength: 578.0nm Color Purity: 0.316  
 CRI:  $R_a=89.8$ ,  $avgR(1\sim14)=85.5$ ,  $avgR(1\sim15)=85.8$  TM30:  $R_f=88$ ,  $R_g=99$   
 $R_1=89$   $R_2=90$   $R_3=90$   $R_4=90$   $R_5=88$   $R_6=85$   $R_7=95$   $R_8=88$   
 $R_9=66$   $R_{10}=76$   $R_{11}=88$   $R_{12}=64$   $R_{13}=89$   $R_{14}=94$   $R_{15}=89$   
 Color Quality Scale:  $Q_a=89.9$ ,  $Q_f=89.6$ ,  $Q_p=90.6$ ,  $Q_g=97.9$   
 $Q_1=94$   $Q_2=99$   $Q_3=83$   $Q_4=82$   $Q_5=87$   $Q_6=89$   $Q_7=90$   $Q_8=94$   
 $Q_9=96$   $Q_{10}=91$   $Q_{11}=91$   $Q_{12}=92$   $Q_{13}=93$   $Q_{14}=90$   $Q_{15}=92$



### Photometric Parameters

Luminous Flux: 1120.80 lm Efficiency: 90.19 lm/W Radiant Power: 3.876 W  
 EEI: 0.15 Energy Efficiency Class: A+ (EU 874-2012)

### Electric Parameters

Voltage: 24.000V Current: 0.5178A Power: 12.43W  
 Power Factor: 1.0000 Frequency: 0.00Hz

### Test Information

Scan Range: 380~800:1nm  
 Stabilization Time: 1 ms  
 Max of Signal: 44844 (3779)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 1.50m, 4PI  
 CCD Integration Time: 290.21 ms

Condition:  $T_x=24.9^\circ C$ ,  $T_i=23.6^\circ C$ , R.H.:60%  
 Test Lab:  
 Operator:

Test Device: Lisun LMS-9000A(Plus)  
 Test Time: 2019-01-28 11:09:57  
 Inspector: