

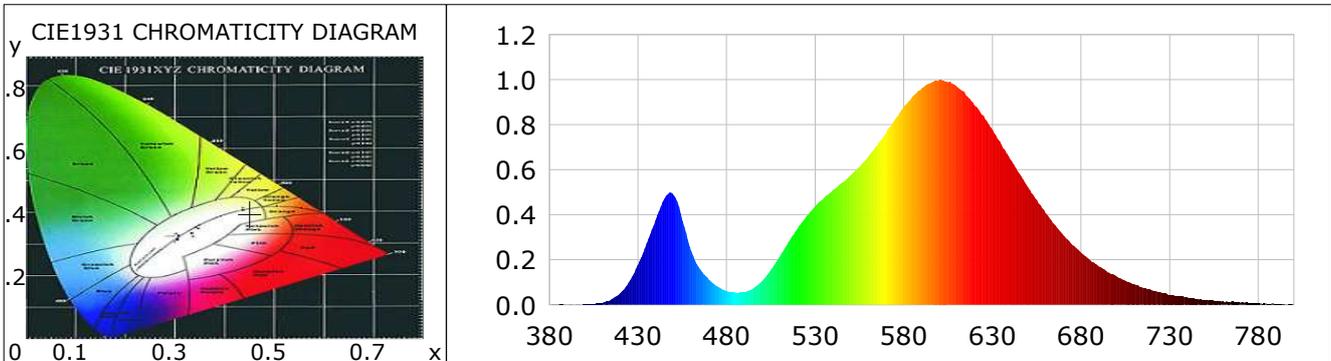
## Lightsource Test Report

### Product Infomation

Product Category: SWG3120-24-9.6-WW-66-M      Product Type: 14781  
Product Number: 357-BR

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4507$   $y=0.3961$      $u(u')=0.2631$   $v=0.3469$   $v'=0.5203$   
 CCT:  $T_c=2717K$  ( $duv=-0.00468$ )      Color Ratio:  $R=0.238$   $G=0.749$   $B=0.013$   
 Peak Wavelength: 600.7nm      Half Bandwidth: 113.1nm  
 Dominant Wavelength: 585.8nm      Color Purity: 0.542  
 CRI:  $R_a=72.0$       TM30:  $R_f=71$ ,  $R_g=98$   
 GAI:  $GAI\_BB\_8=109.7$ ,  $GAI\_BB\_15=114.4$ ,  $GAI\_EES=53.9$   
 R1 =70    R2 =82    R3 =92    R4 =68    R5 =68    R6 =76    R7 =76    R8 =45  
 R9 =-24    R10=58    R11=61    R12=50    R13=72    R14=95    R15=64  
 Color Quality Scale:  $Q_a=69.6$ ,  $Q_f=68.5$ ,  $Q_p=77.6$ ,  $Q_g=93.8$   
 Q1 =65    Q2 =95    Q3 =67    Q4 =63    Q5 =69    Q6 =66    Q7 =64    Q8 =73  
 Q9 =94    Q10=77    Q11=72    Q12=69    Q13=72    Q14=62    Q15=63



### Photometric Parameters

Luminous Flux: 554.57 lm      Efficiency: 69.25 lm/W      Radiant Power: 1.635 W  
EEI: 0.17      Energy Efficiency Class: A+ (EU 874-2012)

### Electric Parameters

Voltage: 23.999V      Current: 0.3337A      Power: 8.01W  
Power Factor: 1.0000      Frequency: 0.00Hz

### Test Infomation

Scan Range: 380~800:1nm      Photometric Method: sphere-spectroradiometer  
 Stabilization Time: 0 Min    ALC.: 1.0000      Photometric Condition: Sphere diameter: 1.50m, 4PI  
 Max of Signal: 45128 (3320)      CCD Integration Time: 435.19 ms

Condition:  $T_x:19.3^{\circ}C$ ,  $T_i:18.3^{\circ}C$ , R.H.:60%  
Test Lab:  
Operator:

Test Device: Lisun LMS-9000A(Plus)  
Test Time: 2024-02-22 10:44:24  
Inspector: