

## Lightsource Test Report

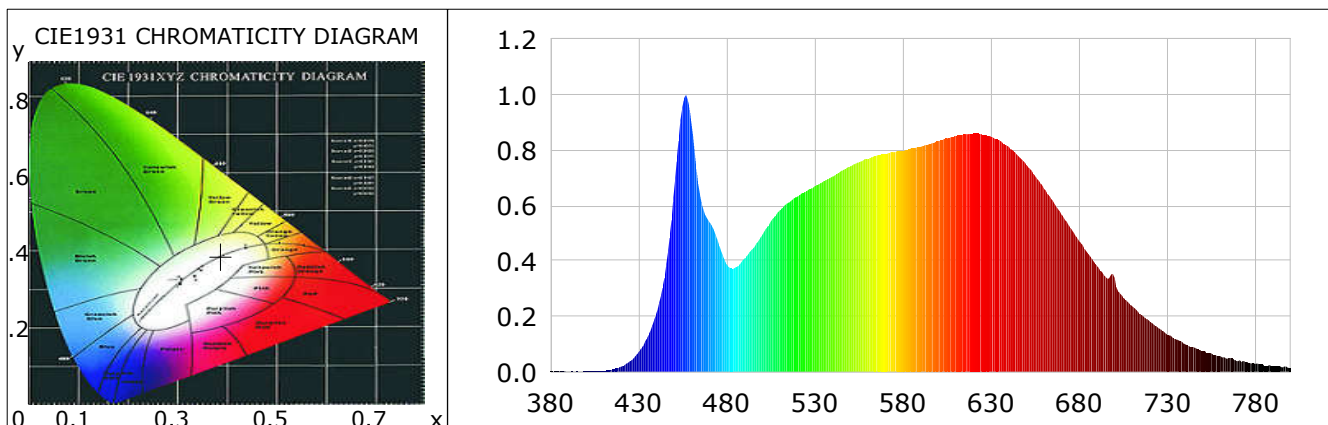
### Product Information

Product Category: VL-BASE-WH-NW  
 Product Spec: 35-LK

Product Type: 3411

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3865$   $y=0.3844$   $u(u')=0.2260$   $v=0.3372$   $v'=0.5058$   
 CCT:  $T_c=3899K$  ( $duv=0.00185$ ) Color Ratio:  $R=0.200$   $G=0.757$   $B=0.043$   
 Peak Wavelength: 457.0nm Half Bandwidth: 25.5nm  
 Dominant Wavelength: 578.5nm Color Purity: 0.314  
 CRI:  $R_a=93.4$ ,  $avgR(1\sim14)=90.3$ ,  $avgR(1\sim15)=90.4$  TM30:  $R_f=88$ ,  $R_g=96$   
 $R_1=93$   $R_2=97$   $R_3=98$   $R_4=90$   $R_5=91$   $R_6=94$   $R_7=93$   $R_8=87$   
 $R_9=71$   $R_{10}=91$   $R_{11}=91$   $R_{12}=69$   $R_{13}=95$   $R_{14}=98$   $R_{15}=91$   
 Color Quality Scale:  $Q_a=91.9$ ,  $Q_f=91.9$ ,  $Q_p=91.3$ ,  $Q_g=95.8$   
 $Q_1=89$   $Q_2=97$   $Q_3=90$   $Q_4=86$   $Q_5=88$   $Q_6=89$   $Q_7=93$   $Q_8=96$   
 $Q_9=99$   $Q_{10}=97$   $Q_{11}=96$   $Q_{12}=96$   $Q_{13}=96$   $Q_{14}=92$   $Q_{15}=92$



### Photometric Parameters

Luminous Flux: 1302.25 lm  
 EEI: 0.15

Efficiency: 87.93 lm/W

Radiant Power: 4.499 W

Energy Efficiency Class: A+ (EU 874-2012)

### Electric Parameters

Voltage: 224.50V  
 Power Factor: 0.6020

Current: 0.1090A  
 Frequency: 49.99Hz

Power: 14.81W

### Test Information

Scan Range: 380~800:1nm  
 Stabilization Time: 1 ms  
 Max of Signal: 51888 (3936)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 1.50m, 4PI  
 CCD Integration Time: 242.63 ms

Condition:  $T_x=26.8^{\circ}C$ ,  $T_i=24.1^{\circ}C$ , R.H.:60%  
 Test Lab:  
 Operator:

Test Device: Lisun LMS-9000A(Plus)  
 Test Time: 2019-03-15 12:42:30  
 Inspector: