

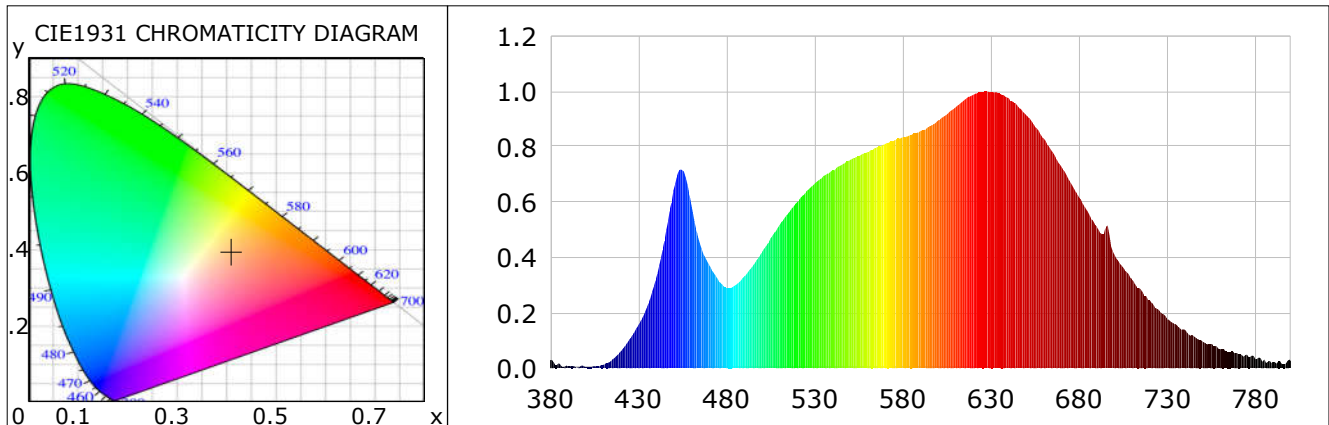
## Lightsource Test Report

### Product Information

Product Category: LED 0409.WGB.A231.6      Product Type: ISN:60012  
 Product Number: 1      Manufacturer: Brasled

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4093$   $y=0.3895$      $u(u')=0.2388$   $v=0.3409$   $v'=0.5114$   
 CCT:  $T_c=3403K$  ( $duv=-0.00139$ )      Color Ratio:  $R=0.222$   $G=0.744$   $B=0.033$   
 Peak Wavelength: 627.7nm      Half Bandwidth: 182.6nm  
 Dominant Wavelength: 581.8nm      Color Purity: 0.398  
 Color Render Index:  $R_a=94.2$   
 $R_1=95$      $R_2=96$      $R_3=94$      $R_4=94$      $R_5=94$      $R_6=93$      $R_7=96$      $R_8=92$   
 $R_9=79$      $R_{10}=88$      $R_{11}=93$      $R_{12}=77$      $R_{13}=95$      $R_{14}=96$      $R_{15}=95$



### Photometric Parameters

Luminous Flux: 904.91 lm      Efficiency: 70.53 lm/W      Radiant Power: 3.265 W

### Electric Parameters

Voltage: 229.70V      Current: 0.0570A      Power: 12.83W  
 Power Factor: 0.9760      Frequency: 50.00Hz

### Test Information

Scan Range: 380~800:1nm      Photometric Method: sphere-spectroradiometer  
 Stabilization Time: 30 Min      Photometric Condition: Sphere diameter: 1.50m, 2PI  
 Max of Signal: 48489 (3604)      CCD Integration Time: 850.00 ms