

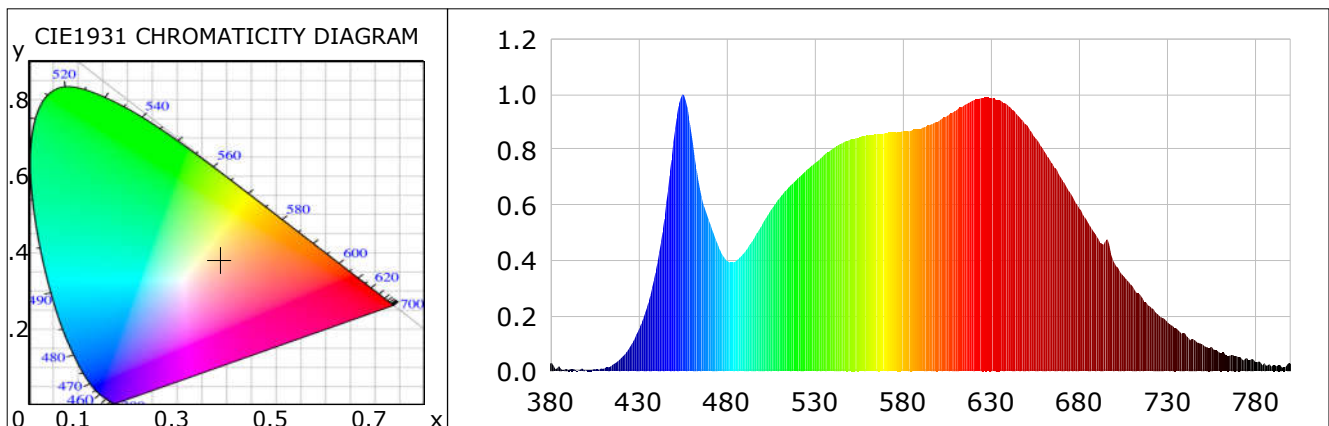
## Lightsource Test Report

### Product Information

Product Category: LED 0409.WGB.U241.6      Product Type: ISN:60084  
 Product Number: 1      Manufacturer: Brasled

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3856$   $y=0.3784$      $u(u')=0.2279$   $v=0.3354$   $v'=0.5031$   
 CCT:  $T_c=3874K$  ( $duv=-0.00071$ )      Color Ratio:  $R=0.205$   $G=0.754$   $B=0.041$   
 Peak Wavelength: 455.4nm      Half Bandwidth: 28.9nm  
 Dominant Wavelength: 579.9nm      Color Purity: 0.293  
 Color Render Index:  $R_a=95.2$   
 $R1=96$      $R2=97$      $R3=95$      $R4=95$      $R5=94$      $R6=94$      $R7=97$      $R8=94$   
 $R9=84$      $R10=91$      $R11=94$      $R12=73$      $R13=97$      $R14=97$      $R15=96$



### Photometric Parameters

Luminous Flux: 1102.21 lm      Efficiency: 86.18 lm/W      Radiant Power: 3.944 W

### Electric Parameters

Voltage: 229.60V      Current: 0.0570A      Power: 12.79W  
 Power Factor: 0.9740      Frequency: 49.99Hz

### 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: 45670 (3627)      CCD Integration Time: 652.71 ms