

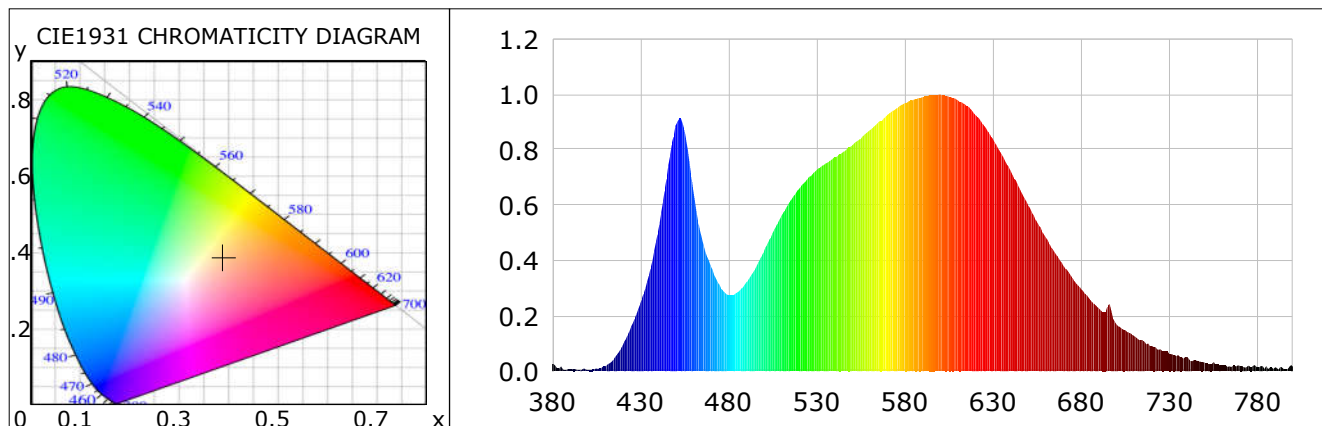
## Lightsource Test Report

### Product Information

Product Category: LED 0125.W.H241.6      Product Type: ISN:60015  
Product Spec: LF-GIR015YS0300H      Product Number: 1  
Manufacturer: Brasled

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3893$   $y=0.3818$      $u(u')=0.2289$   $v=0.3368$   $v'=0.5051$   
CCT:  $T_c=3805K$  ( $duv=-0.00012$ )      Color Ratio:  $R=0.192$   $G=0.775$   $B=0.033$   
Peak Wavelength: 599.8nm      Half Bandwidth: 153.2nm  
Dominant Wavelength: 579.8nm      Color Purity: 0.315  
Color Render Index:  $R_a=84.1$   
R1 =83    R2 =89    R3 =93    R4 =84    R5 =83    R6 =85    R7 =87    R8 =69  
R9 =21    R10=73    R11=82    R12=65    R13=84    R14=96    R15=78



### Photometric Parameters

Luminous Flux: 1102.00 lm      Efficiency: 85.16 lm/W      Radiant Power: 3.422 W

### Electric Parameters

Voltage: 229.40V      Current: 0.0570A      Power: 12.94W  
Power Factor: 0.9770      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: 44901 (3505)      CCD Integration Time: 618.34 ms