

## Lightsource Test Report

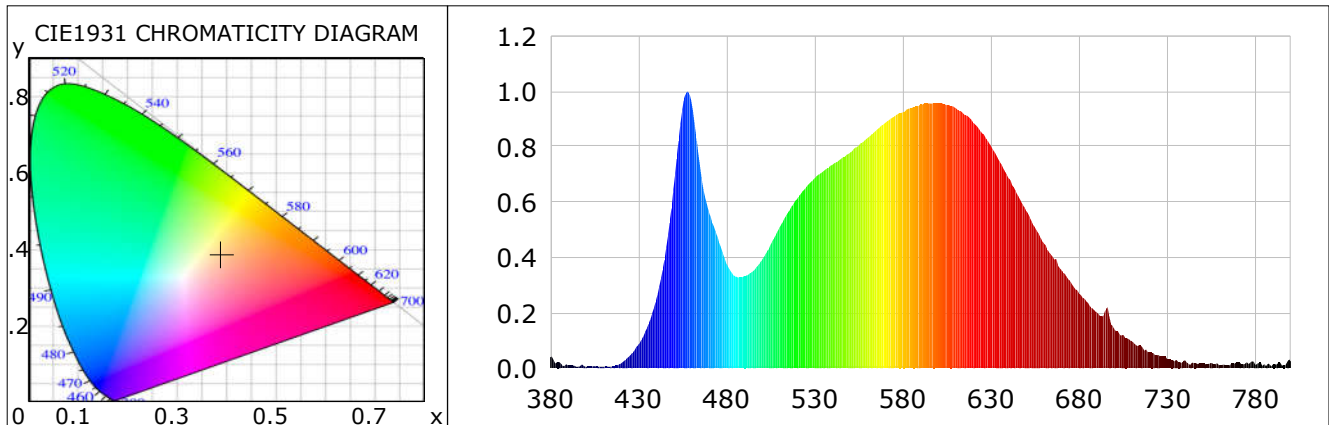
### Product Information

Product Category: LED 0400.W.H242.6  
Product Number: 1

Product Type: ISN:60037  
Manufacturer: Brasled

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3897$   $y=0.3849$   $u(u')=0.2280$   $v=0.3377$   $v'=0.5065$   
CCT:  $T_c=3818K$  ( $duv=0.00115$ )      Color Ratio:  $R=0.192$   $G=0.770$   $B=0.038$   
Peak Wavelength: 457.9nm      Half Bandwidth: 26.3nm  
Dominant Wavelength: 579.2nm      Color Purity: 0.325  
Color Render Index:  $R_a=84.7$   
R1 =84    R2 =92    R3 =96    R4 =81    R5 =82    R6 =88    R7 =86    R8 =68  
R9 =22    R10=79    R11=79    R12=61    R13=86    R14=98    R15=79



### Photometric Parameters

Luminous Flux: 652.12 lm      Efficiency: 96.90 lm/W      Radiant Power: 1.996 W

### Electric Parameters

Voltage: 229.70V      Current: 0.0680A      Power: 6.73W  
Power Factor: 0.4280      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: 42976 (3643)      CCD Integration Time: 1000.00 ms