

## Lightsource Test Report

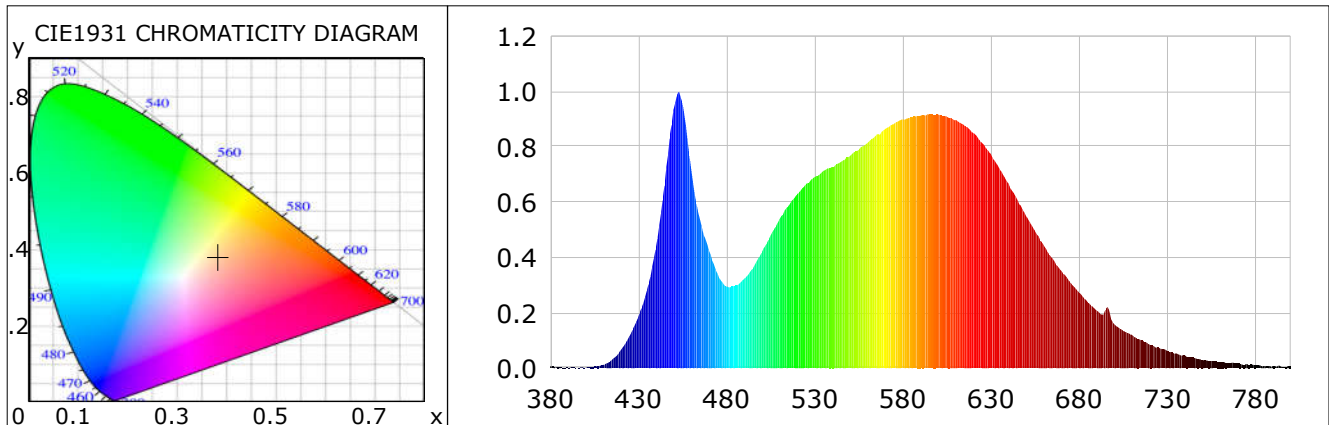
### Product Information

Product Category: LED 0105.W.H641.6  
Product Number: 1

Product Type: ISN:60023  
Manufacturer: Brasled

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3814$   $y=0.3760$   $u(u')=0.2260$   $v=0.3343$   $v'=0.5014$   
CCT:  $T_c=3970K$  ( $duv=-0.00060$ )      Color Ratio:  $R=0.188$   $G=0.776$   $B=0.036$   
Peak Wavelength: 452.9nm      Half Bandwidth: 24.8nm  
Dominant Wavelength: 579.5nm      Color Purity: 0.273  
Color Render Index:  $R_a=85.1$   
R1 =84    R2 =90    R3 =94    R4 =84    R5 =84    R6 =86    R7 =88    R8 =71  
R9 =25    R10=76    R11=82    R12=64    R13=85    R14=96    R15=80



### Photometric Parameters

Luminous Flux: 2474.94 lm      Efficiency: 106.08 lm/W      Radiant Power: 7.745 W

### Electric Parameters

Voltage: 229.60V      Current: 0.1040A      Power: 23.33W  
Power Factor: 0.9720      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: 45424 (3118)      CCD Integration Time: 273.67 ms