

## Lightsource Test Report

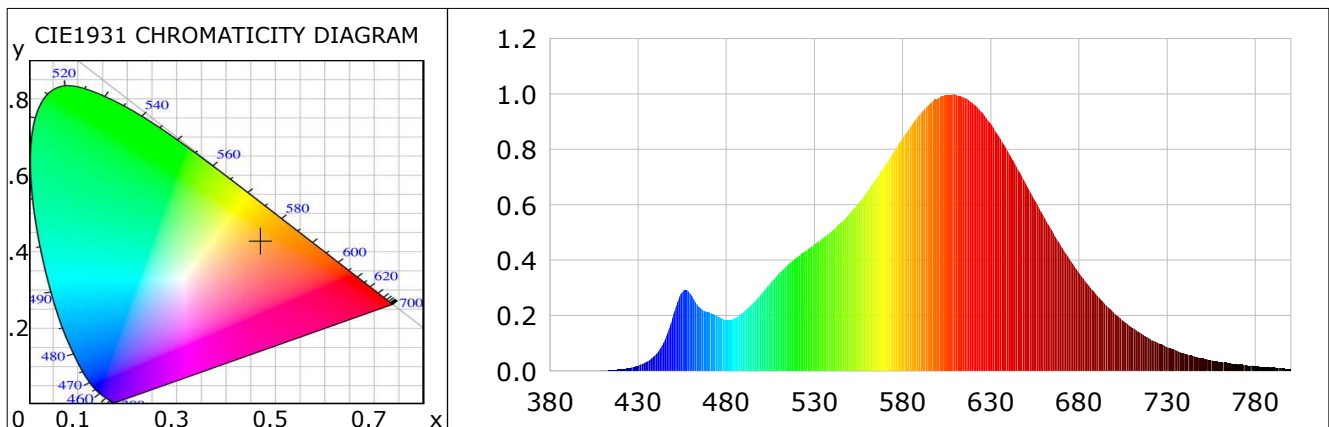
### Product Information

Product Category: LED Filament  
 Product Spec: 333068

Product Type: Globe G95 Klarglas 2W  
 Product Number: 321

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4683$   $y=0.4272$   $u(u')=0.2606$   $v=0.3565$   $v'=0.5348$   
 CCT:  $T_c=2710K$  ( $duv=0.00528$ ) Color Ratio:  $R=0.247$   $G=0.731$   $B=0.022$   
 Peak Wavelength: 609.1nm Half Bandwidth: 126.3nm  
 Dominant Wavelength: 582.6nm Color Purity: 0.688  
 CRI:  $R_a=82.9$   
 R1 =81 R2 =91 R3 =97 R4 =80 R5 =81 R6 =90 R7 =83 R8 =60  
 R9 =12 R10=79 R11=79 R12=70 R13=83 R14=99 R15=73  
 Color Quality Scale:  $Q_a=82.4$ ,  $Q_f=85.1$ ,  $Q_p=81.4$ ,  $Q_g=83.5$   
 Q1 =79 Q2 =92 Q3 =89 Q4 =83 Q5 =82 Q6 =81 Q7 =82 Q8 =87  
 Q9 =88 Q10=83 Q11=84 Q12=85 Q13=84 Q14=73 Q15=76



### Photometric Parameters

Luminous Flux: 182.71 lm Efficiency: 115.64 lm/W Radiant Power: 0.566 W

### Electric Parameters

Voltage: 229.50V Current: 0.0160A Power: 1.58W  
 Power Factor: 0.4190 Frequency: 49.99Hz

### Test Information

Scan Range: 380~800:1nm  
 Stabilization Time: 0 ms  
 Max of Signal: 45656 (2716)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 0.50m, 4PI  
 CCD Integration Time: 151.79 ms

Condition:  $T_x=22.3^\circ C$ ,  $T_i=19.9^\circ C$ , R.H.:60%  
 Test Lab:  
 Operator:

Test Device: Lisun LMS-9000A(Plus)  
 Test Time: 2016-10-19 10:53:34  
 Inspector: