

## Lightsource Test Report

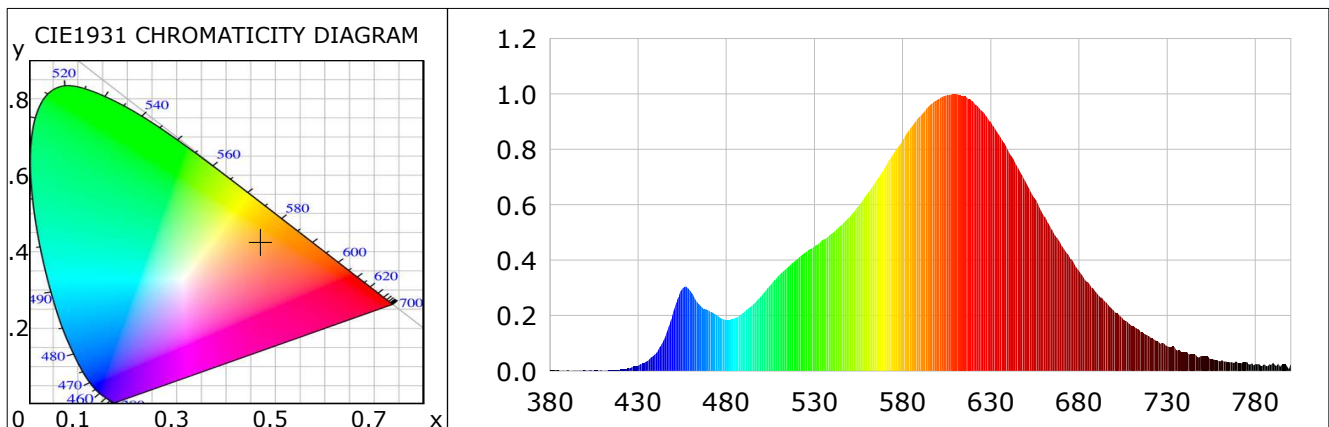
### Product Information

Product Category: LED Filament  
 Product Spec: 333104

Product Type: Edison ST64 Klarglas 4W  
 Product Number: 361

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4683$   $y=0.4243$   $u(u')=0.2618$   $v=0.3558$   $v'=0.5337$   
 CCT:  $T_c=2690K$  ( $duv=0.00427$ ) Color Ratio:  $R=0.250$   $G=0.728$   $B=0.022$   
 Peak Wavelength: 610.8nm Half Bandwidth: 124.9nm  
 Dominant Wavelength: 583.0nm Color Purity: 0.679  
 CRI:  $R_a=83.2$   
 R1 =81 R2 =91 R3 =97 R4 =80 R5 =81 R6 =91 R7 =83 R8 =60  
 R9 =14 R10=81 R11=79 R12=71 R13=83 R14=99 R15=73  
 Color Quality Scale:  $Q_a=83.2$ ,  $Q_f=85.9$ ,  $Q_p=82.6$ ,  $Q_g=84.8$   
 Q1 =79 Q2 =92 Q3 =88 Q4 =83 Q5 =82 Q6 =82 Q7 =83 Q8 =88  
 Q9 =90 Q10=86 Q11=86 Q12=86 Q13=85 Q14=73 Q15=76



### Photometric Parameters

Luminous Flux: 423.04 lm Efficiency: 130.57 lm/W Radiant Power: 1.326 W

### Electric Parameters

Voltage: 229.60V Current: 0.0290A Power: 3.24W  
 Power Factor: 0.4720 Frequency: 49.99Hz

### Test Information

Scan Range: 380~800:1nm  
 Stabilization Time: 0 ms  
 Max of Signal: 33807 (3168)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 1.50m, 4PI  
 CCD Integration Time: 1000.00 ms

Condition:  $T_x=23.1^\circ C$ ,  $T_i=19.9^\circ C$ , R.H.:60%  
 Test Lab:  
 Operator:

Test Device: Lisun LMS-9000A(Plus)  
 Test Time: 2016-10-19 19:13:42  
 Inspector: