

## Lightsource Test Report

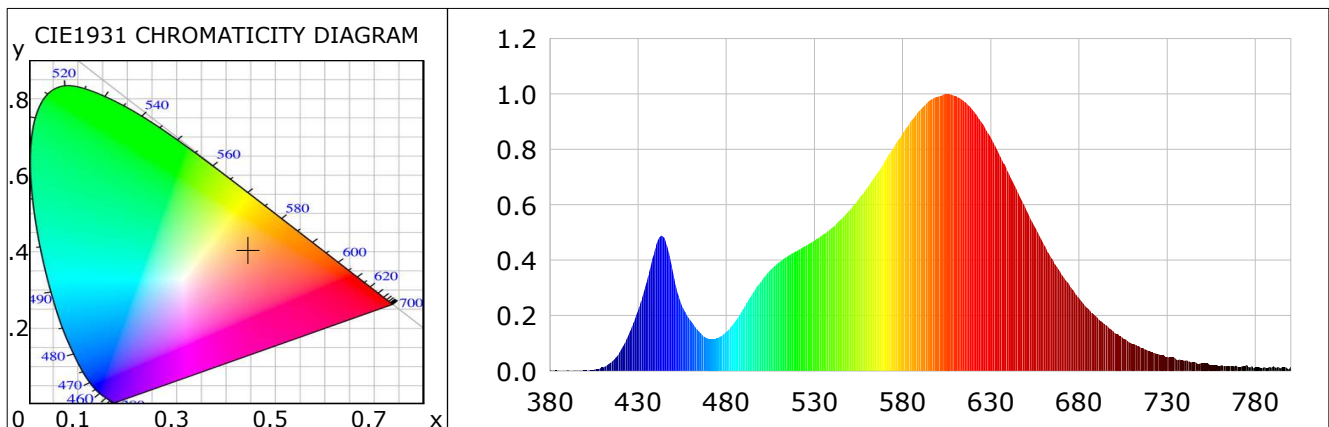
### Product Infomation

Product Category: LED Reflektorlampe  
 Product Spec: 333410

Product Type: GU10 6W  
 Product Number: 422

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4435$   $y=0.4031$   $u(u')=0.2552$   $v=0.3480$   $v'=0.5220$   
 CCT:  $T_c=2885K$  ( $duv=-0.00122$ ) Color Ratio:  $R=0.236$   $G=0.742$   $B=0.022$   
 Peak Wavelength: 604.3nm Half Bandwidth: 120.0nm  
 Dominant Wavelength: 583.8nm Color Purity: 0.541  
 CRI:  $R_a=81.7$   
 R1 =80 R2 =89 R3 =97 R4 =81 R5 =81 R6 =88 R7 =81 R8 =57  
 R9 =3 R10=77 R11=81 R12=77 R13=81 R14=98 R15=72  
 Color Quality Scale:  $Q_a=80.9$ ,  $Q_f=82.0$ ,  $Q_p=83.4$ ,  $Q_g=93.3$   
 Q1 =73 Q2 =96 Q3 =84 Q4 =82 Q5 =83 Q6 =81 Q7 =81 Q8 =85  
 Q9 =95 Q10=88 Q11=85 Q12=82 Q13=81 Q14=70 Q15=71



### Photometric Parameters

Luminous Flux: 615.87 lm Efficiency: 97.29 lm/W Radiant Power: 1.874 W

### Electric Parameters

Voltage: 229.50V Current: 0.0480A Power: 6.33W  
 Power Factor: 0.5700 Frequency: 49.99Hz

### Test Infomation

Scan Range: 380~800:1nm  
 Stabilization Time: 0 ms  
 Max of Signal: 45654 (3131)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 1.50m, 4PI  
 CCD Integration Time: 907.72 ms

Condition:  $T_x=23.1^\circ C$ ,  $T_i=19.8^\circ C$ , R.H.:60%  
 Test Lab:  
 Operator:

Test Device: Lisun LMS-9000A(Plus)  
 Test Time: 2016-10-20 18:58:00  
 Inspector: