

Lightsource Test Report

Product Information

Product Category: LED Filament
Product Spec: 333100

Product Type: Edison ST64 Klarglas 2W
Product Number: 361

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4574$ $y=0.4199$ $u(u')=0.2568$ $v=0.3537$ $v'=0.5305$

CCT: $T_c=2807K$ ($duv=0.00366$)

Color Ratio: $R=0.243$ $G=0.732$ $B=0.025$

Peak Wavelength: 608.8nm

Half Bandwidth: 133.9nm

Dominant Wavelength: 582.5nm

Color Purity: 0.634

CRI: R_a : $R_a=84.8$

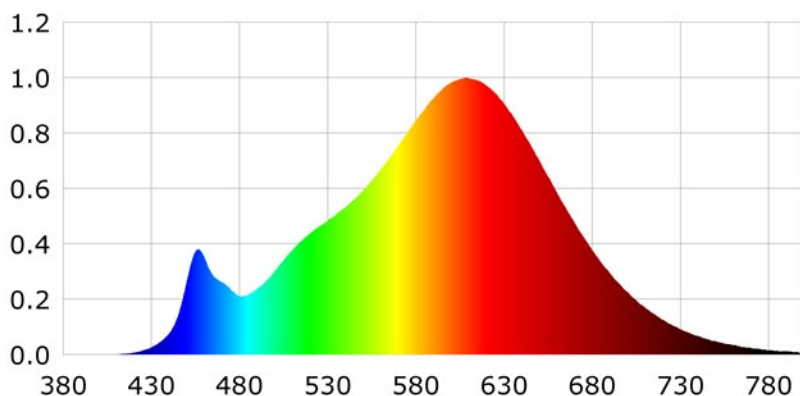
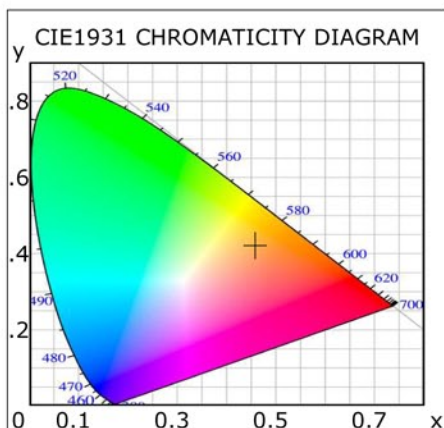
$R1=83$ $R2=92$ $R3=97$ $R4=82$ $R5=83$ $R6=92$ $R7=84$ $R8=64$

$R9=21$ $R10=82$ $R11=81$ $R12=72$ $R13=85$ $R14=99$ $R15=76$

Color Quality Scale: $Q_a=84.8$, $Q_f=87.1$, $Q_p=84.3$, $Q_g=87.0$

$Q1=81$ $Q2=93$ $Q3=89$ $Q4=83$ $Q5=83$ $Q6=83$ $Q7=85$ $Q8=90$

$Q9=93$ $Q10=90$ $Q11=89$ $Q12=88$ $Q13=86$ $Q14=76$ $Q15=78$



Photometric Parameters

Luminous Flux: 189.19 lm

Efficiency: 112.61 lm/W

Radiant Power: 0.596 W

Electric Parameters

Voltage: 229.60V

Current: 0.0170A

Power: 1.68W

Power Factor: 0.4270

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 45940 (2717)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 0.50m, 4PI

CCD Integration Time: 163.36 ms