

Lightsource Test Report

Product Information

Product Category: LED Filament
 Product Spec: 333140

Product Type: Tubular T45 Klarglas 2W
 Product Number: 319

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4598$ $y=0.4103$ $u(u')=0.2626$ $v=0.3515$ $v'=0.5272$

CCT: $T_c=2698K$ ($duv=-0.00012$)

Color Ratio: $R=0.248$ $G=0.737$ $B=0.015$

Peak Wavelength: 610.1nm

Half Bandwidth: 145.5nm

Dominant Wavelength: 584.3nm

Color Purity: 0.612

CRI: $R_a=80.6$

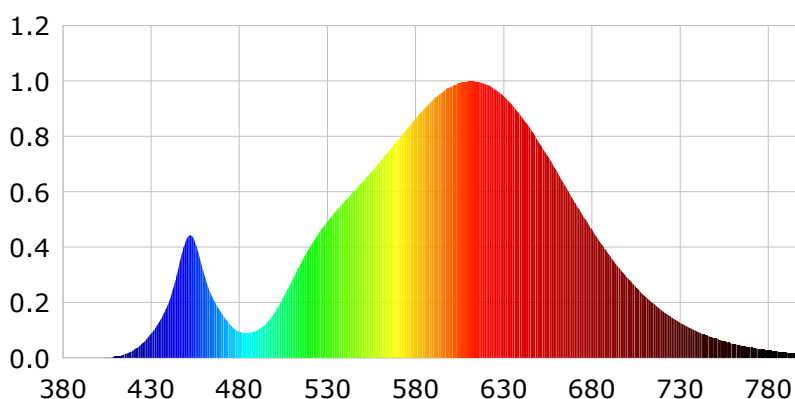
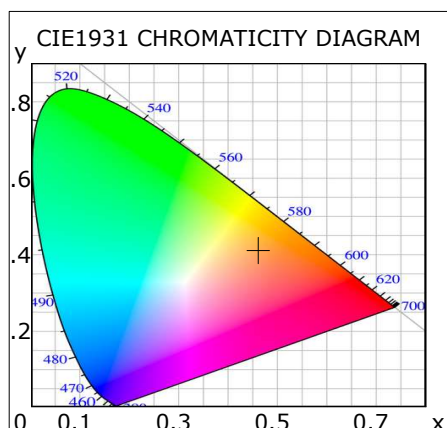
$R1=79$ $R2=87$ $R3=92$ $R4=79$ $R5=77$ $R6=81$ $R7=85$ $R8=65$

$R9=20$ $R10=68$ $R11=74$ $R12=57$ $R13=80$ $R14=95$ $R15=76$

Color Quality Scale: $Q_a=79.3$, $Q_f=80.3$, $Q_p=83.5$, $Q_g=94.2$

$Q1=78$ $Q2=96$ $Q3=76$ $Q4=73$ $Q5=77$ $Q6=76$ $Q7=75$ $Q8=81$

$Q9=95$ $Q10=84$ $Q11=82$ $Q12=81$ $Q13=82$ $Q14=75$ $Q15=76$



Photometric Parameters

Luminous Flux: 197.62 lm

Efficiency: 111.02 lm/W

Radiant Power: 0.647 W

Electric Parameters

Voltage: 229.60V

Current: 0.0160A

Power: 1.78W

Power Factor: 0.4680

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 46158 (2694)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 0.50m, 4PI

CCD Integration Time: 146.13 ms

Condition: $T_x=22.1^{\circ}C$, $T_i=19.9^{\circ}C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Lisun LMS-9000A(Plus)
 Test Time: 2016-10-19 10:32:50
 Inspector: