

Lightsource Test Report

Product Information

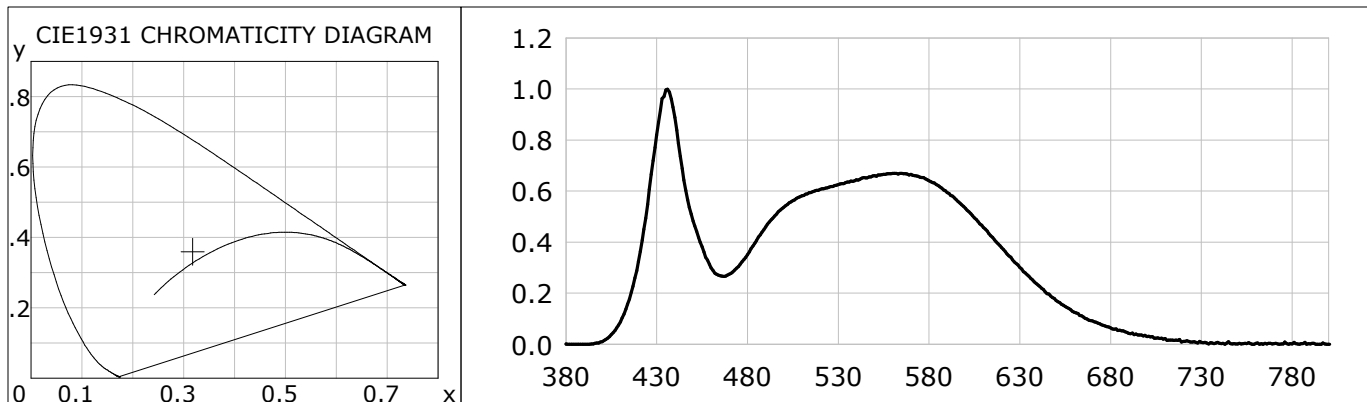
Product Type: LED BULB
Product Number: 2

Product Spec: 9W 230V

Remark: This report cannot be used for legal purpose

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3178$ $y=0.3598$ $u(u')=0.1902$ $v=0.3231$ $v'=0.4846$
 CCT: $T_c=6100K$ ($duv=0.01580$) Color Ratio: $R=0.115$ $G=0.835$ $B=0.050$
 Peak Wavelength: 435.6nm Half Bandwidth: 25.3nm
 Dominant Wavelength: 516.4nm Color Purity: 0.054
 CRI: $R_a=73.8$, $avgR(1\sim14)=63.6$, $avgR(1\sim15)=63.1$ TM30: $R_f=76$, $R_g=92$
 $R_1=67$ $R_2=78$ $R_3=91$ $R_4=74$ $R_5=71$ $R_6=75$ $R_7=82$ $R_8=53$
 $R_9=-54$ $R_{10}=52$ $R_{11}=73$ $R_{12}=65$ $R_{13}=68$ $R_{14}=95$ $R_{15}=56$
 Color Quality Scale: $Q_a=77.4$, $Q_f=78.3$, $Q_p=74.8$, $Q_g=85.3$
 $Q_1=76$ $Q_2=98$ $Q_3=87$ $Q_4=82$ $Q_5=81$ $Q_6=79$ $Q_7=79$ $Q_8=87$
 $Q_9=96$ $Q_{10}=85$ $Q_{11}=82$ $Q_{12}=79$ $Q_{13}=76$ $Q_{14}=53$ $Q_{15}=62$



Photometric Parameters

Luminous Flux: 1256.90 lm Efficiency: 141.07 lm/W Radiant Power: 3.832 W
 EEI: 0.10 Energy Efficiency Class: A++ (EU 874-2012)
 Mesopic Flux (CIE R.): 1684.42 lm ($L_p=0.100$ cd/m², $S/P=2.11$)

Electric Parameters

Voltage: 220.50V Current: 0.0420A Power: 8.91W
 Power Factor: 0.9530 Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 0 ms
 Max of Signal: 44215 (3344)

Photometric Method: sphere-photometer (spec_rev)
 Photometric Condition: Sphere diameter: 1.50m, 4PI
 CCD Integration Time: 144.66 ms

Condition: $T_x=30.4^\circ C$, $T_i=29.8^\circ C$, R.H.:60%
 Test Lab: NIELIT Calicut
 Operator:

Test Device: Lisun LMS-9000B
 Test Time:
 Inspector: