

Lightsource Test Report

Product Information

Product Category: LED BULB
 Product Number: 8
 Remark: LED BULB 9W E27 6000K A

Product Type: LED BULB 9W E27 6000K A
 Manufacturer: Afrough

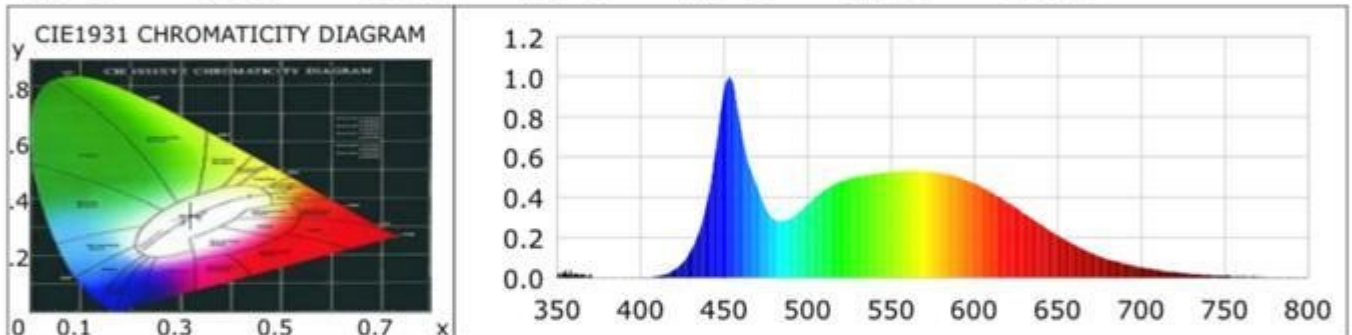
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3199$ $y=0.3429$ $u(u')=0.1976$ $v=0.3177$ $v'=0.4766$
 CCT: $T_c=6068K$ ($duv=0.00668$)
 Peak Wavelength: 453.1nm
 Dominant Wavelength: 501.1nm
 Central Wave: 455.0nm
 CRI: $R_a=82.3$
 GAI: $GAI_BB_8=87.4$, $GAI_BB_15=93.1$, $GAI_EES=83.4$
 Color Ratio: $R=0.135$ $G=0.809$ $B=0.055$
 Half Bandwidth: 24.9nm
 Color Purity: 0.041
 Gravity Wave: 453.0nm
 TM30: $R_f=83$, $R_g=93$

R1 =79	R2 =88	R3 =93	R4 =80	R5 =80	R6 =83	R7 =87	R8 =67
R9 =1	R10=71	R11=79	R12=58	R13=82	R14=96	R15=74	

Color Quality Scale: $Q_a=81.3$, $Q_f=81.6$, $Q_p=80.3$, $Q_g=89.8$

Q1 =82	Q2 =98	Q3 =80	Q4 =73	Q5 =78	Q6 =80	Q7 =84	Q8 =89
Q9 =97	Q10=89	Q11=84	Q12=83	Q13=82	Q14=70	Q15=75	


Photometric Parameters

Luminous Flux: 872.38 lm
 EEI: 0.13
 Efficiency: 100.50 lm/W
 Energy Efficiency Class: A+ (EU 874-2012)
 Radiant Power: 2.751 W

Electric Parameters

Voltage: 231.40V
 Power Factor: 0.5310
 Current: 0.0710A
 Frequency: 49.99Hz
 Power: 8.68W

Test Information

Scan Range: 350~800:1nm
 Stabilization Time: 0 ms ALC.: 1.0000
 Max of Signal: 49834 (3009)
 Photometric Method: sphere-photometer (spec_rev)
 Photometric Condition: Sphere diameter: 1.50m, 4PI
 CCD Integration Time: 223.64 ms

Condition: Tx:28.4'C, Ti:28.6'C, R.H.:33.2%
 Test Lab: AFROUGH
 Operator: Alimardani Mehran

Test Device: Inventfine CMS-3500S
 Test Time: 2022-07-13 09:12:06
 Inspector: