Lightsource Test Report

Product Information

Product Type: LED BULB
Product Spec: 9W 230V
Product Number: 2
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: Tc=6100K (duv=0.01580)
Peak Wavelength: 435.6nm
Dominant Wavelength: 516.4nm
CIE Color Ratio: R=0.115  G=0.835  B=0.050
CCT: Tc=6100K (duv=0.01580)
Dominant Wavelength: 516.4nm
Color Ratio: R=0.115  G=0.835  B=0.050

CRI: Ra= 73.8, avgR(1~14)= 63.6, avgR(1~15)= 63.1
R1 =67  R2 =78  R3 =91  R4 =74  R5 =71  R6 =75  R7 =82  R8 =53
R9 =-54  R10 =52  R11 =73  R12 =65  R13 =68  R14 =95  R15 =56
Color Quality Scale: Qa= 77.4, Qf= 78.3, Qp= 74.8, Qg= 85.3
Q1 =76  Q2 =98  Q3 =87  Q4 =82  Q5 =81  Q6 =79  Q7 =79  Q8 =87
Q9 =96  Q10 =85  Q11 =82  Q12 =79  Q13 =76  Q14 =53  Q15 =62

CIE1931 CHROMATICITY DIAGRAM

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 (Lp= 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  Photometric Method: sphere-photometer (spec_rev)
Stabilization Time: 0 ms  Photometric Condition: Sphere diameter: 1.50m, 4PI
Max of Signal: 44215 (3344)  CCD Integration Time: 144.66 ms

Condition: Tx:30.4'C, Ti:29.8'C, R.H.:60%
Test Device: Lisun LMS-9000B
Test Time:
Operator: NIELIT Calicut
Inspector: