

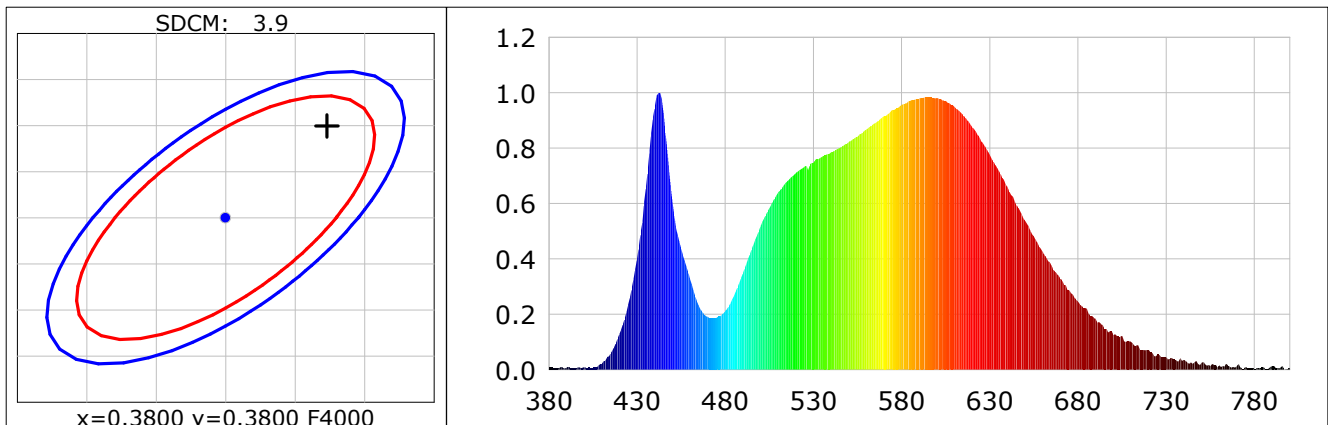
Lightsource Test Report

Product Infomation

Product Spec: Dimmable LED Bulb 10W C Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3873$ $y=0.3900$ $u(u')=0.2244$ $v=0.3389$ $v'=0.5083$
 CCT: $T_c=3917K$ ($duv=0.00411$) Color Ratio: $R=0.183$ $G=0.788$ $B=0.030$
 Peak Wavelength: 442.6nm Half Bandwidth: 20.3nm
 Dominant Wavelength: 577.5nm Color Purity: 0.333
 CRI: $R_a=81.6$ TM30: $R_f=81$, $R_g=98$
 $R_1=80$ $R_2=85$ $R_3=91$ $R_4=83$ $R_5=80$ $R_6=82$ $R_7=86$ $R_8=66$
 $R_9=7$ $R_{10}=66$ $R_{11}=84$ $R_{12}=67$ $R_{13}=80$ $R_{14}=95$ $R_{15}=73$
 Color Quality Scale: $Q_a=83.7$, $Q_f=83.8$, $Q_p=83.5$, $Q_g=93.8$
 $Q_1=80$ $Q_2=98$ $Q_3=83$ $Q_4=83$ $Q_5=84$ $Q_6=83$ $Q_7=85$ $Q_8=91$
 $Q_9=97$ $Q_{10}=88$ $Q_{11}=86$ $Q_{12}=86$ $Q_{13}=85$ $Q_{14}=72$ $Q_{15}=75$



Photometric Parameters

Luminous Flux: 1007.60 lm Efficiency: 94.17 lm/W Radiant Power: 3.024 W
 EEI: 0.14 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 230.50V Current: 0.0850A Power: 10.70W
 Power Factor: 0.5450 Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 Sec Photometric Condition: Sphere diameter: 1.50m, 4T
 Max of Signal: 45896 (3610) CCD Integration Time: 2304.65 ms

Condition: $T_x:0.0^{\circ}C$, $T_i:0.0^{\circ}C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2020-05-11 16:20:10
 Inspector:

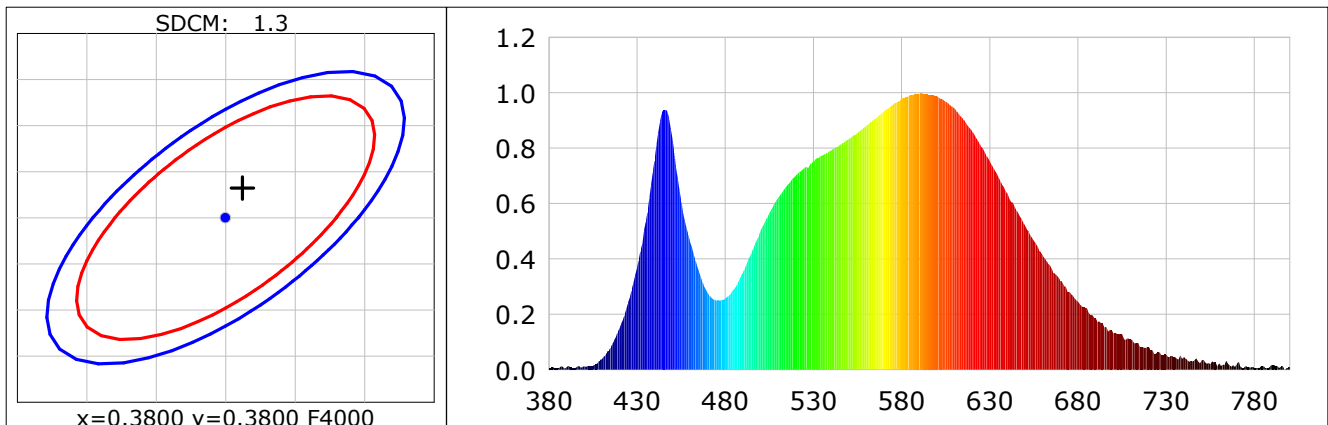
Lightsource Test Report

Product Infomation

Product Spec: Dimmable LED Bulb 10W H Product Number: 2

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3812$ $y=0.3832$ $u(u')=0.2231$ $v=0.3363$ $v'=0.5045$
 CCT: $T_c=4026K$ ($duv=0.00277$) Color Ratio: $R=0.179$ $G=0.789$ $B=0.032$
 Peak Wavelength: 591.1nm Half Bandwidth: 152.0nm
 Dominant Wavelength: 577.6nm Color Purity: 0.294
 CRI: $R_a=81.4$ TM30: $R_f=81$, $R_g=97$
 $R_1=79$ $R_2=86$ $R_3=92$ $R_4=82$ $R_5=80$ $R_6=82$ $R_7=86$ $R_8=65$
 $R_9=4$ $R_{10}=67$ $R_{11}=82$ $R_{12}=65$ $R_{13}=80$ $R_{14}=95$ $R_{15}=73$
 Color Quality Scale: $Q_a=82.7$, $Q_f=82.9$, $Q_p=82.6$, $Q_g=93.1$
 $Q_1=81$ $Q_2=98$ $Q_3=81$ $Q_4=80$ $Q_5=83$ $Q_6=83$ $Q_7=85$ $Q_8=89$
 $Q_9=97$ $Q_{10}=87$ $Q_{11}=85$ $Q_{12}=84$ $Q_{13}=84$ $Q_{14}=71$ $Q_{15}=75$



Photometric Parameters

Luminous Flux: 897.13 lm Efficiency: 82.31 lm/W Radiant Power: 2.721 W
 EEI: 0.16 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 230.50V Current: 0.0890A Power: 10.90W
 Power Factor: 0.5350 Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm
 Stabilization Time: 25 Min
 Max of Signal: 45264 (3786)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4π
 CCD Integration Time: 2548.89 ms

Condition: $T_x:0.0^{\circ}C$, $T_i:0.0^{\circ}C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2020-05-11 16:46:20
 Inspector: