

Electrical and Photometric Test Report for Light Sources

Product: BJARTE 8W
 Product Model: 8W/3000K/220V/
 Manufacturer:
 Sample No.: No.20170807003
 Client:
 Tested By: Tester15

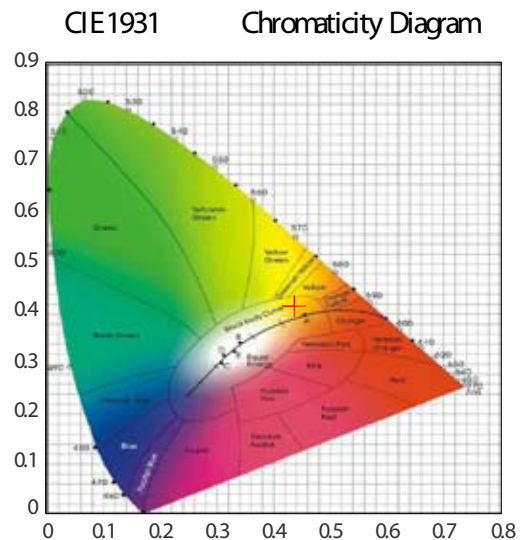
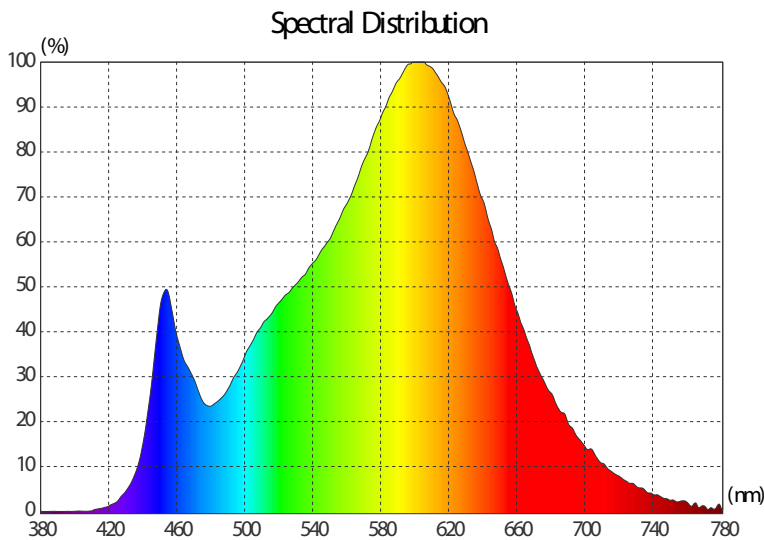
Date: 2017-8-7 11:45:34

Test Condition

Analysis Instrument: STARSPEC SSP3112-D
 Test Lab: Test Lab

Temperature: 25.0°C
 R.H.: 60.0%

Testing Result



Photometric Parameters

Luminous Flux: 827.55 lm

Luminous Efficiency: 103.44 lm/W

Colorimetric Parameters

Chromaticity Coordinates: $x=0.4364$ $y=0.4094$ $u'=0.2480$ $v'=0.3489$ ($Duv=0.0022$)

Color Temperature: 3052 K

Color Purity: 0.539

Dominant Wavelength: 581.85 nm

Red Color Ratio: 22.01 %

Peak Wavelength: 599.30 nm

Green Color Ratio: 75.07 %

Color Tolerance: 5.02 SDCM

Blue Color Ratio: 2.92 %

Rendering Index: $R_a=81.89$

$R_1=80.8$ $R_2=91.9$ $R_3=94.6$ $R_4=78.7$ $R_5=80.2$ $R_6=90.0$ $R_7=81.5$

$R_8=57.4$ $R_9=2.8$ $R_{10}=80.5$ $R_{11}=78.1$ $R_{12}=70.0$ $R_{13}=83.6$ $R_{14}=97.3$

Electrical Parameters

Voltage: 220.10 V

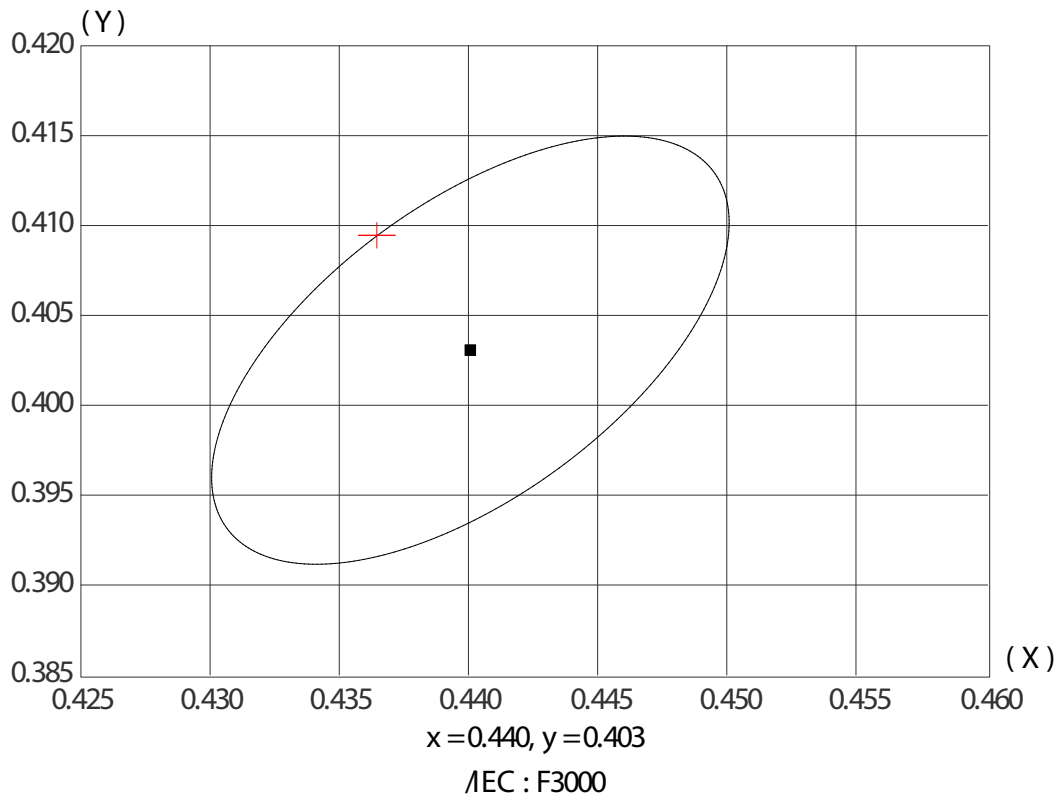
Current: 0.040 A

Wattage: 8.00 W

Power Factor: 0.902

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Color Difference Curve



Sample Photo

