

Electrical and Photometric Test Report for Light Sources

Product: BJARTE 8W
 Product Model: 8W/3000K/220V/
 Manufacturer:
 Sample No.: No.20170807002
 Client:
 Tested By: Tester15

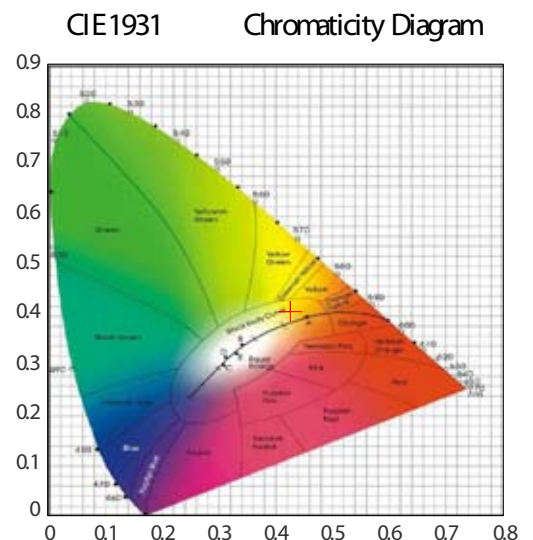
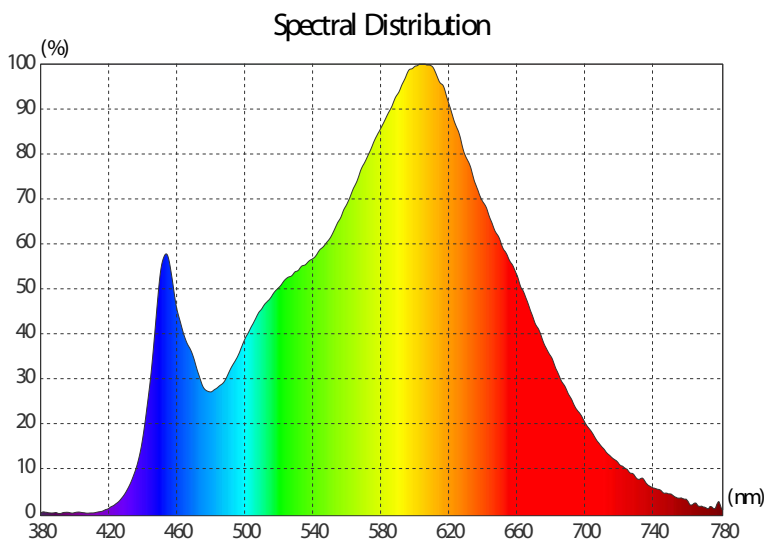
Date: 2017-8-7 11:39:12

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: 510.28 lm

Luminous Efficiency: 63.78 lm/W

Colorimetric Parameters

Chromaticity Coordinates: $x=0.4260$ $y=0.4022$ $u'=0.2443$ $v'=0.3460$ ($Duv = 0.0009$)

Color Temperature: 3178 K

Color Purity: 0.486

Dominant Wavelength: 581.75 nm

Red Color Ratio: 21.83 %

Peak Wavelength: 603.70 nm

Green Color Ratio: 74.88 %

Color Tolerance: 8.53 SDCM

Blue Color Ratio: 3.29 %

Rendering Index: $R_a = 85.38$

$R_1 = 84.9$ $R_2 = 94.0$ $R_3 = 95.3$ $R_4 = 83.4$ $R_5 = 85.0$ $R_6 = 92.6$ $R_7 = 83.8$

$R_8 = 64.1$ $R_9 = 17.8$ $R_{10} = 85.1$ $R_{11} = 83.9$ $R_{12} = 73.0$ $R_{13} = 87.3$ $R_{14} = 97.7$

Electrical Parameters

Voltage: 208.90 V

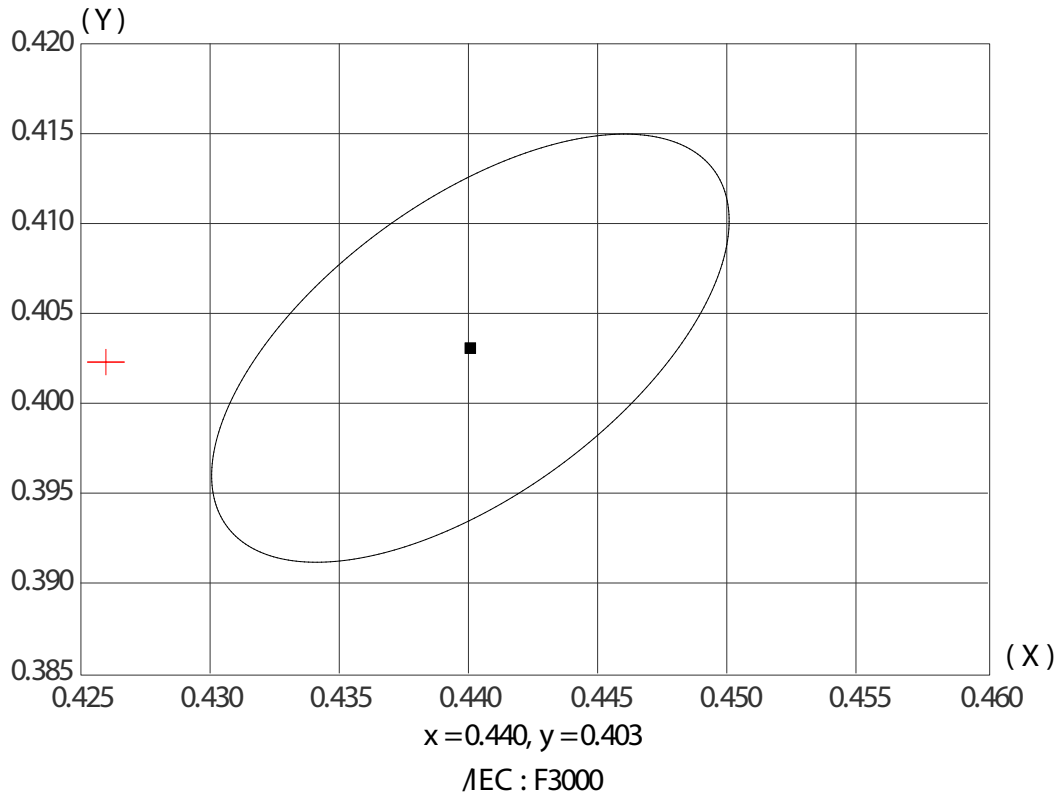
Current: 0.041 A

Wattage: 8.00 W

Power Factor: 0.913

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Color Difference Curve



Sample Photo

