

Electrical and Photometric Test Report for Light Sources

Product: BJARTE 8W
 Product Model: 8W/3000K/220V/
 Manufacturer:
 Sample No.: No.20170807001
 Client:
 Tested By: Tester15

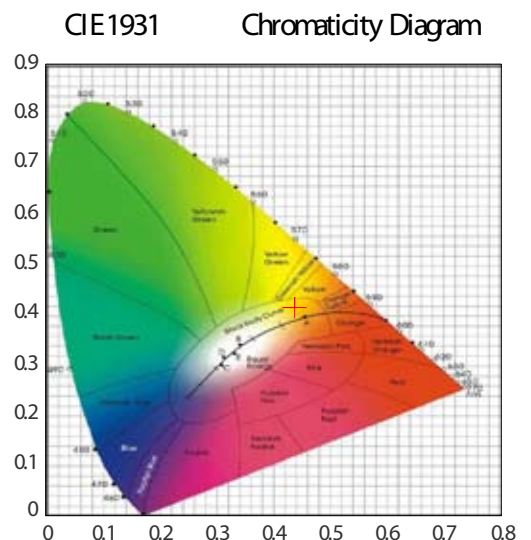
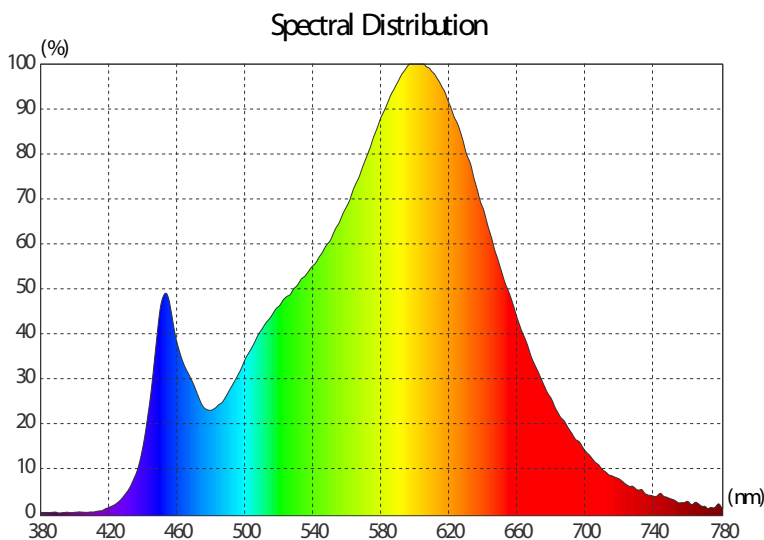
Date: 2017-8-7 11:32:13

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: 910.59 lm

Luminous Efficiency: 113.82 lm/W

Colorimetric Parameters

Chromaticity Coordinates: $x=0.4371$ $y=0.4103$ $u'=0.2480$ $v'=0.3492$ ($Duv=0.0025$)

Color Temperature: 3048 K

Color Purity: 0.544

Dominant Wavelength: 581.78 nm

Red Color Ratio: 21.95 %

Peak Wavelength: 599.70 nm

Green Color Ratio: 75.18 %

Color Tolerance: 5.15 SDCM

Blue Color Ratio: 2.87 %

Rendering Index: $R_a=81.41$

$R_1=80.1$ $R_2=91.4$ $R_3=94.9$ $R_4=78.3$ $R_5=79.7$ $R_6=89.4$ $R_7=81.2$

$R_8=56.4$ $R_9=0.1$ $R_{10}=79.3$ $R_{11}=77.6$ $R_{12}=68.9$ $R_{13}=82.9$ $R_{14}=97.5$

Electrical Parameters

Voltage: 218.30 V

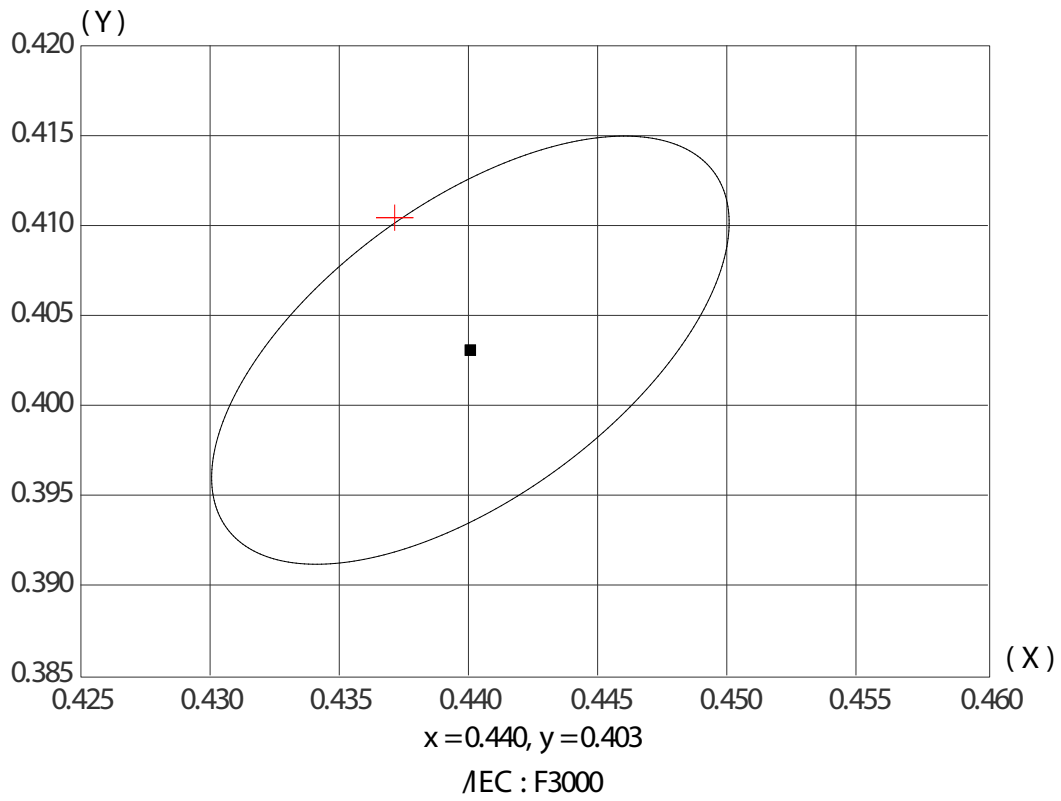
Current: 0.040 A

Wattage: 8.00 W

Power Factor: 0.900

Electrical and Photometric Test Report for Light Sources

Color Difference Curve



Sample Photo

