

电光源测试报告 Electrical and Photometric Test Report for Light Sources

产品名称 Product: LED FLOOD LIGHT
产品型号 Product Model: HD-FLA100W
制造厂商 Manufacturer: HELLO TODAY
样品编号 Sample No.: 002
客户名称 Client:
测试人员 Tested By:

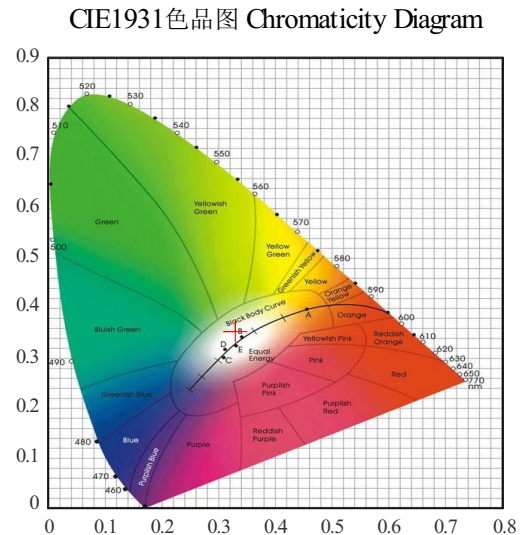
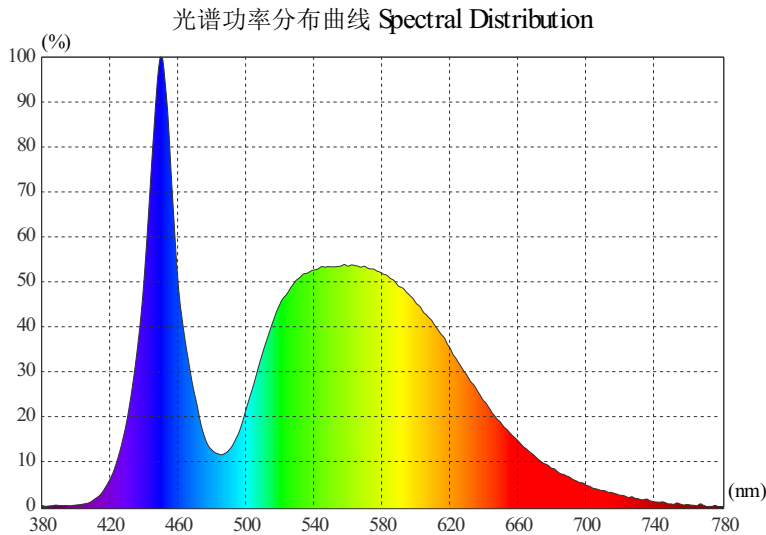
测试日期 Date: 2018-10-20 15:51:32

测试条件 Test Condition

测试仪器 Analysis Instrument: STARSPEC SSP3112-D
测试单位 Test Lab:

环境温度 Temperature: 25.0 °C
环境湿度 R.H.: 60.0 %

测试结果 Testing Result



光度参数 Photometric Parameters

光通量 Luminous Flux: 11735.73 lm

光效 Luminous Efficiency: 120.24 lm/W

色度参数 Colorimetric Parameters

色品坐标 Chromaticity Coordinates: $x = 0.3293$ $y = 0.3484$ $u' = 0.2019$ $v' = 0.3205$ ($Duv = 0.0051$)

色温 Color Temperature: 5635 K

色纯度 Color Purity: 0.035

主波长 Dominant Wavelength: 538.62 nm

红色比 Red Color Ratio: 12.99 %

峰值波长 Peak Wavelength: 450.20 nm

绿色比 Green Color Ratio: 83.34 %

色容差 Color Tolerance: 68.16 SDCM

蓝色比 Blue Color Ratio: 3.67 %

显色指数 Rendering Index: $Ra = 73.39$

$R1 = 70.8$ $R2 = 77.7$ $R3 = 82.1$ $R4 = 74.1$ $R5 = 71.7$ $R6 = 69.4$ $R7 = 82.0$

$R8 = 59.3$ $R9 = -26.5$ $R10 = 44.9$ $R11 = 71.4$ $R12 = 42.8$ $R13 = 72.0$ $R14 = 90.1$

电参数 Electrical Parameters

电压 Voltage: 218.50 V

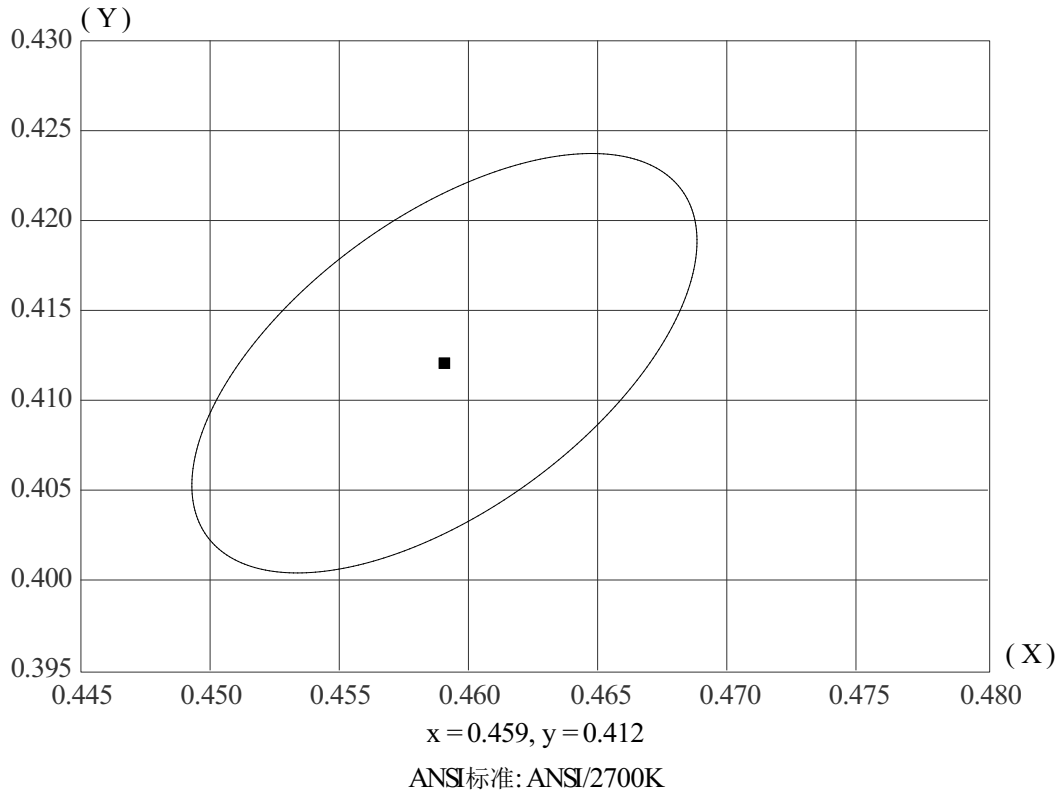
电流 Current: 0.452 A

功率 Wattage: 97.60 W

功率因数 Power Factor: 0.988

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色容差图 Color Difference Curve



样品图片 Sample Photo

