

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

产品名称 Product: LED HIGH BAY LIGHT

产品型号 Product Model: HD-HBLC100W

制造厂商 Manufacturer: HELLO TODAY

样品编号 Sample No.: No.001

客户名称 Client: Client X

测试人员 Tested By: Tester Z

测试日期 Date: 2018-4-16 16:07:26

测试条件 Test Condition

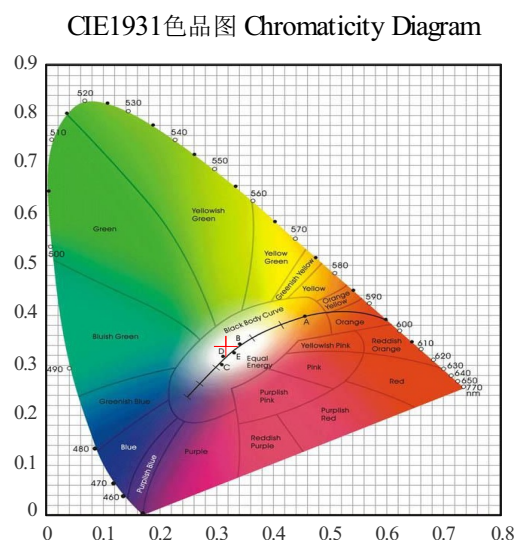
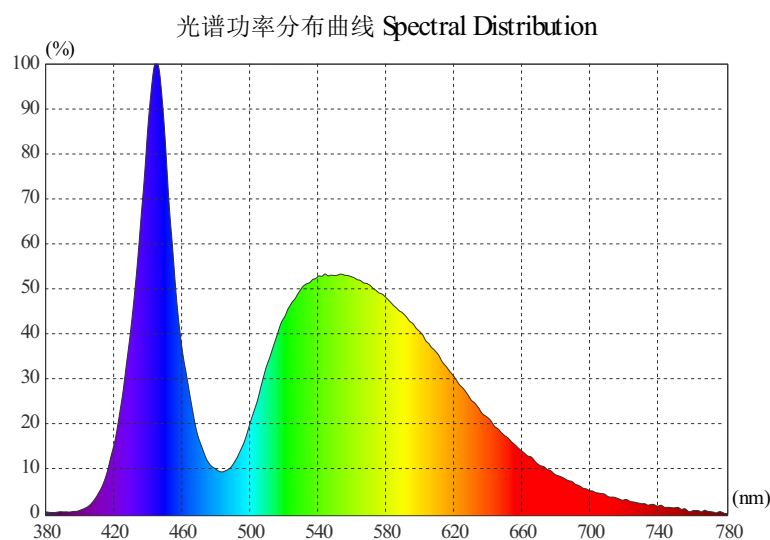
测试仪器 Analysis Instrument: STARSPEC SSP3112-D

测试单位 Test Lab: 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: 8254.67 lm

光效 Luminous Efficiency: 85.19 lm/W

色度参数 Colorimetric Parameters

色品坐标 Chromaticity Coordinates: $x = 0.3162$ $y = 0.3328$ $u' = 0.1989$ $v' = 0.3139$ ($Duv = 0.0034$)

色温 Color Temperature: 6290 K

色纯度 Color Purity: 0.058

主波长 Dominant Wavelength: 491.36 nm

红色比 Red Color Ratio: 12.02 %

峰值波长 Peak Wavelength: 444.90 nm

绿色比 Green Color Ratio: 84.52 %

色容差 Color Tolerance: 5.27 SDCM

蓝色比 Blue Color Ratio: 3.45 %

显色指数 Rendering Index: $R_a = 70.11$

$R_1 = 69.5$ $R_2 = 72.8$ $R_3 = 74.2$ $R_4 = 71.9$ $R_5 = 70.4$ $R_6 = 63.6$ $R_7 = 77.3$

$R_8 = 61.2$ $R_9 = -26.8$ $R_{10} = 33.0$ $R_{11} = 71.0$ $R_{12} = 42.9$ $R_{13} = 69.0$ $R_{14} = 85.4$

电参数 Electrical Parameters

电压 Voltage: 217.20 V

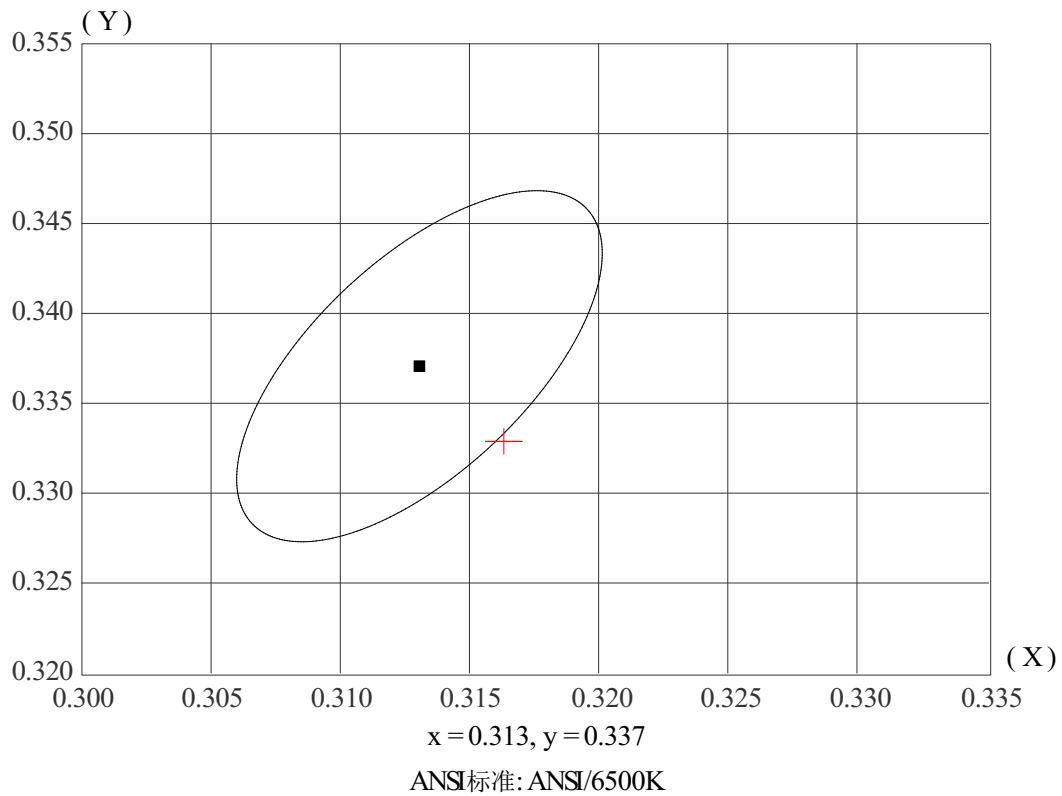
电流 Current: 0.471 A

功率 Wattage: 96.90 W

功率因数 Power Factor: 0.946

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色容差图 Color Difference Curve



样品图片 Sample Photo

