

# 光源光电色综合分析测试报告

## Report of Spectroradiometric & Electric Analysis for Light Source

样品型号 Model No.: BLT8573W12H-18W-6000K

样品编号 Sample SN:

制造商 Manufacturer:

测试人员 Tested By: Mei

样品描述 Description:

报告编号 Report No.:

测试日期 Date: 2017-03-04

审核人员 Reviewed By: Chen

### 测试条件 Test Condition

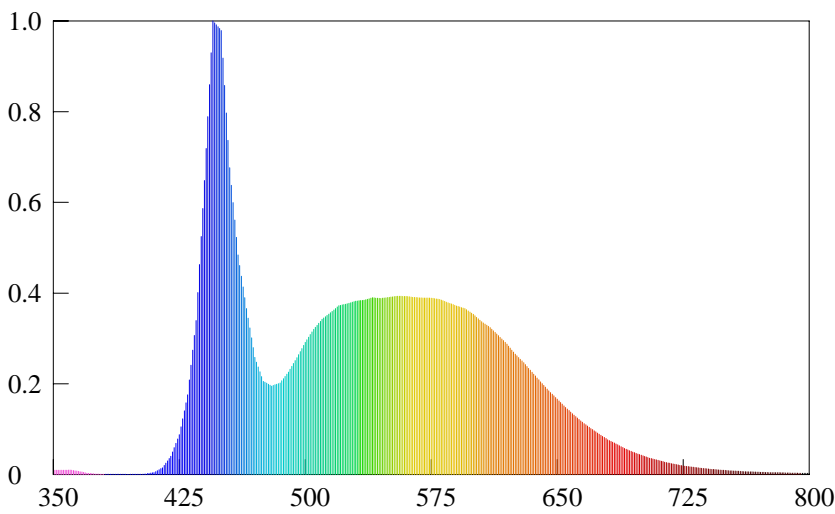
测试温度 Temperature: 25°C

光谱范围 Spectrum Range: 350-800 nm

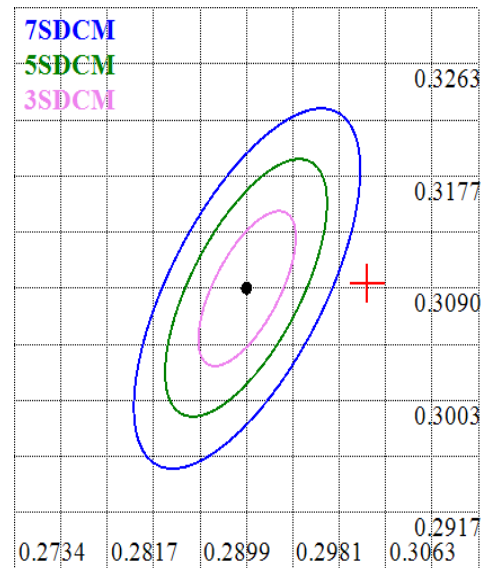
相对湿度 RH: 60%

采样间隔 Scan Step: 5 nm

### 光色参数 Spectroradiometric Parameters



光谱分布 Spectral Distribution



Nominal CCT:IEC\_F8000

$x_0=0.3047$   $y_0=0.3094$

色品坐标 Chromaticity Coordinates:  $x=0.3047$   $y=0.3094$   $u'=0.1997$   $v'=0.4562$

相关色温 Correlated Color Temperature: 7214 K

主波长 Dominant Wavelength: 479.0 nm(E)

显色指数 Rendering Index:  $R_a=85.3$

峰值波长 Peak Wavelength: 447.2 nm

色纯度 Purity: 0.1171

谱线带宽 Bandwidth: 21.1nm

光通量 Luminous Flux: 2462.921 lm

辐射通量 Radiant Flux: 15.568 W

色比 Color Ratio:  $K_r=30.4\%$   $K_g=56.2\%$   $K_b=13.3\%$

色容差 Color Tolerance(SDCM): 11.0605

色偏差 Chromaticity Difference: -0.00291Duv

R1=86 R2=88 R3=86 R4=88 R5=87 R6=81 R7=88 R8=78

R9=30 R10=69 R11=89 R12=62 R13=87 R14=92 R15=84

### 电参数 Electric Parameters

电压 Voltage: 219.900 V

电流 Current: 0.092 A

功率因数 Power Factor: 0.919

功率 Power: 18.700 W

发光效率 Luminous Efficacy: 131.707 lm/W