

Report of Spectroradiometric & Electric Analysis for Lamp

Product Name: FESTIVAL S11

Manufacture: OPTILED

Product No.: Green

Test Date: 2006-12-06

Operator: WangXiaoDong

Test Condition

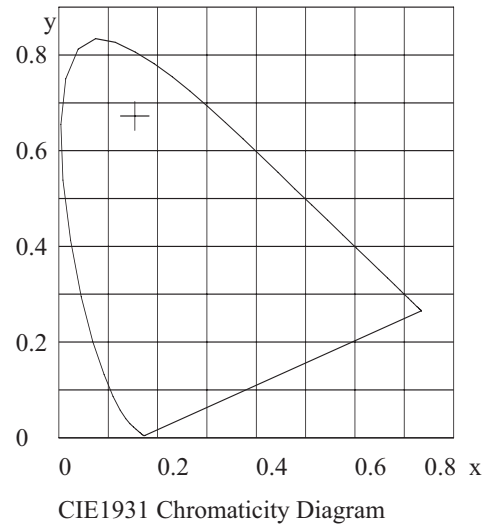
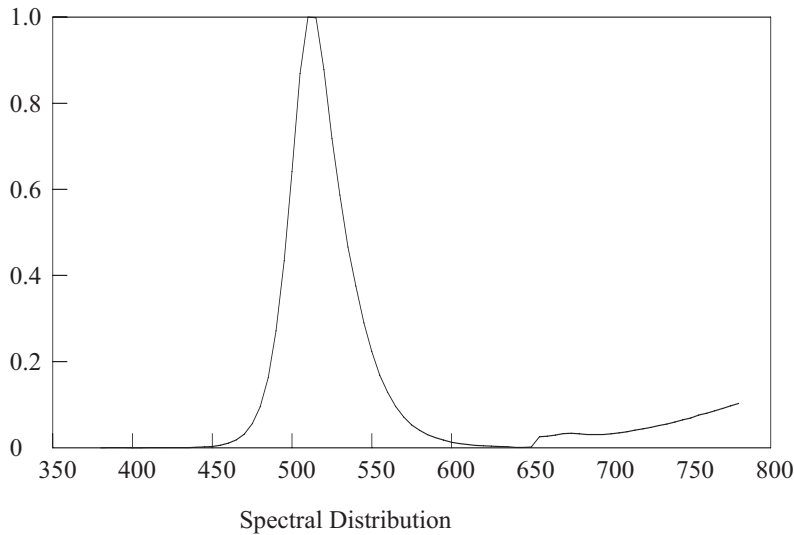
Test Temperature: 25°C

Relative Humidity: 85%

Spectrum Range: 380-780 nm

Scan Step: 5 nm

Spectroradiometric Parameters



Chromaticity Coordinates: $x=0.1538$ $y=0.6726$ $u=0.0572$ $v=0.3749$

Color Temperature: 8436.0 K

Luminous Flux: 2.45 lm

Radiation Flux: 6.613 mW

Reference Light: C

Dominant Wavelength: 521nm

Color Purity: 0.6876

Peak Wavelength: 514.8 nm

Spectrum Width: 36.2

Rendering Index: $R_a=0.23$

$R_1=0$ $R_2=0$ $R_3=0$ $R_4=0$ $R_5=1$ $R_6=0$ $R_7=0$ $R_8=0$

$R_9=0$ $R_{10}=0$ $R_{11}=0$ $R_{12}=0$ $R_{13}=0$ $R_{14}=44$ $R_{15}=0$

Electric Parameter

Voltage : 220.0 V

Current : 0.022 A

Power: 0.5W

Power Factor: 0.116

Luminous Efficiency : 4.9 lm/W