

Report of Spectroradiometric & Electric Analysis for Lamp

Product Name: FESTIVAL S11

Manufacture: OPTILED

Product No.: White

Test Date: 2006-12-06

Operator: WangXiaoDong

Test Condition

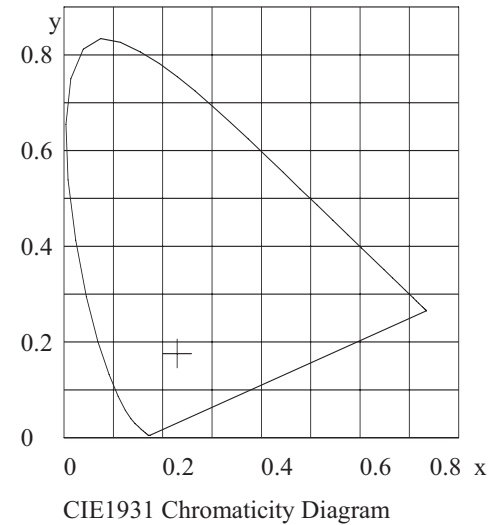
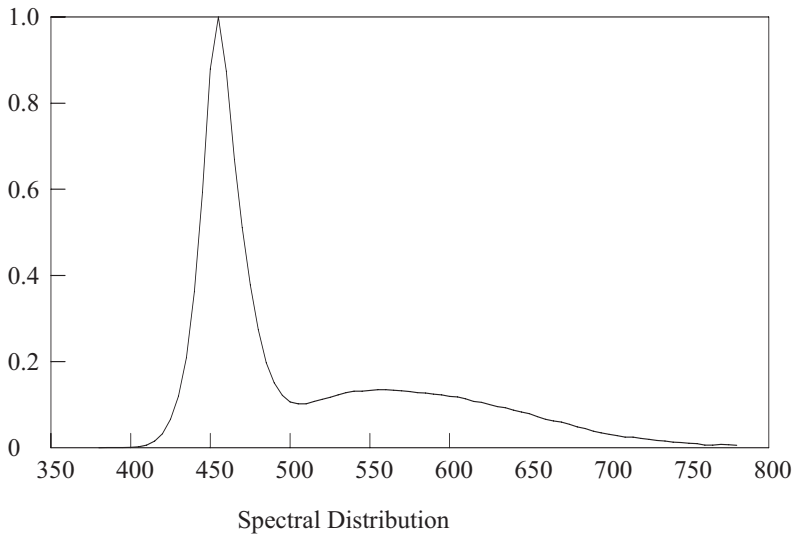
Test Temperature: 25°C

Relative Humidity: 85%

Spectrum Range: 380-780 nm

Scan Step: 5 nm

Spectroradiometric Parameters



Chromaticity Coordinates: $x=0.2293$ $y=0.1761$ $u=0.1971$ $v=0.227$

Color Temperature: 30000.0 K

Luminous Flux: 1.29 lm

Radiation Flux: 7.112 mW

Reference Light: C

Dominant Wavelength: 455nm

Color Purity: 0.4845

Peak Wavelength: 454.8 nm

Spectrum Width: 27.0

Rendering Index: $R_a=68.88$

$R_1=76$ $R_2=62$ $R_3=58$ $R_4=65$ $R_5=79$ $R_6=65$ $R_7=66$ $R_8=79$

$R_9=48$ $R_{10}=23$ $R_{11}=65$ $R_{12}=54$ $R_{13}=67$ $R_{14}=82$ $R_{15}=69$

Electric Parameter

Voltage : 220.0 V

Current : 0.022 A

Power: 0.5W

Power Factor: 0.114

Luminous Efficiency : 2.6 lm/W