

Report of Spectroradiometric & Electric Analysis for Lamp

Product Name: FESTIVAL S11

Manufacture: OPTILED

Product No.: RED

Test Date: 2006-12-06

Operator: WangXiaoDong

Test Condition

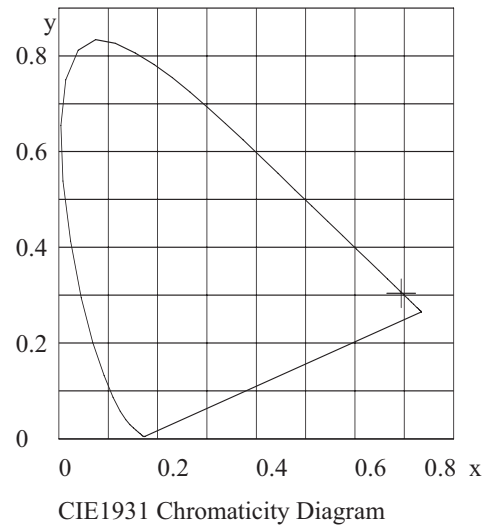
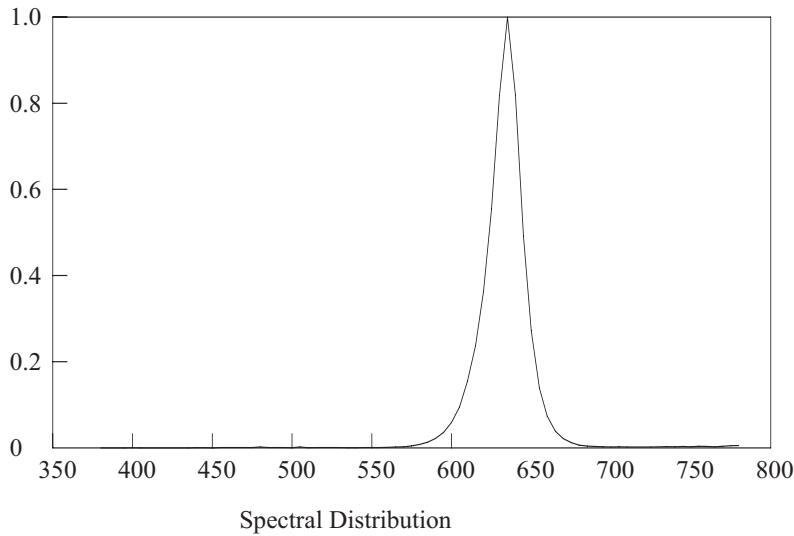
Test Temperature: 25°C

Relative Humidity: 85%

Spectrum Range: 380-780 nm

Scan Step: 5 nm

Spectroradiometric Parameters



Chromaticity Coordinates: $x=0.6936$ $y=0.3043$ $u=0.527$ $v=0.3468$

Color Temperature: 1000.0 K

Luminous Flux: 1.84 lm

Radiation Flux: 10.575 mW

Reference Light: C

Dominant Wavelength: 624nm

Color Purity: 0.9816

Peak Wavelength: 635.0 nm

Spectrum Width: 21.4

Rendering Index: $R_a=34.9$

$R_1=20$ $R_2=82$ $R_3=42$ $R_4=0$ $R_5=20$ $R_6=92$ $R_7=23$ $R_8=0$

$R_9=0$ $R_{10}=79$ $R_{11}=8$ $R_{12}=74$ $R_{13}=47$ $R_{14}=67$ $R_{15}=0$

Electric Parameter

Voltage : 220.0 V

Current : 0.022 A

Power: 0.5W

Power Factor: 0.115

Luminous Efficiency : 3.7 lm/W