



Light Source Test Report

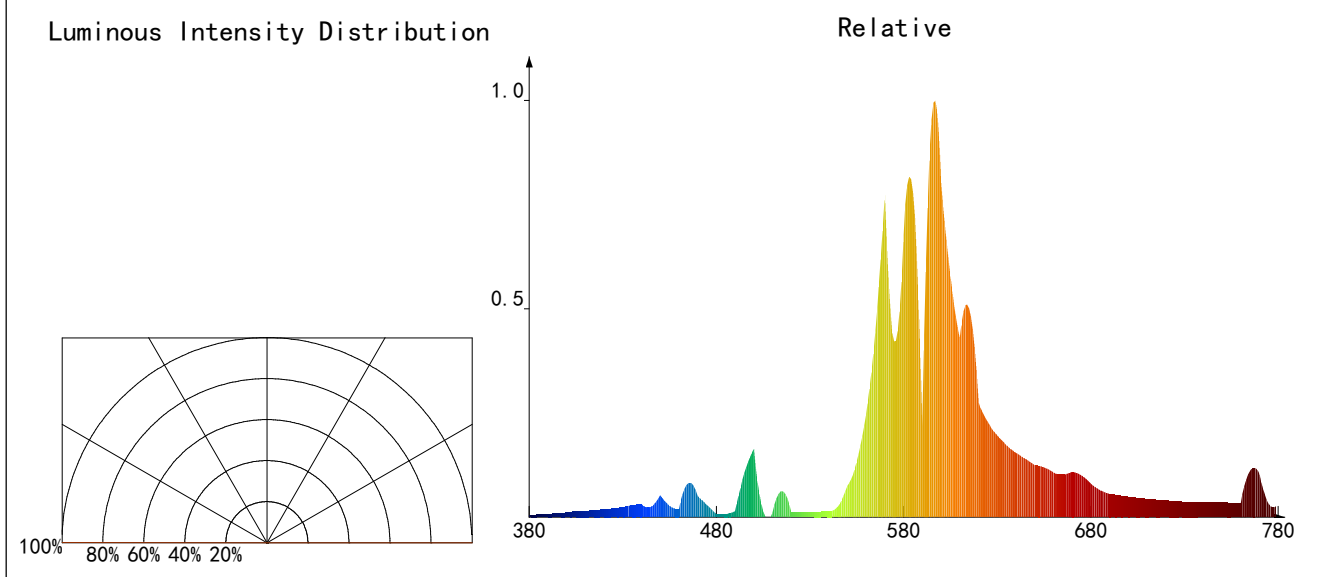
Model: NANOLUX 1000W bulb
Test Id: 1

Manufacturer: NANOLUX

Ambient Temperature T_a : 26.0° C
Internal Temp. of Sphere T_i : 45.0° C
Humidity: 85%

Instrument: FMS-6000 Fast-scan Spectrum System
Operator: ALINE
Date: 14-07-08

Color & Spectrum	Photometric	Electrical
Chromaticity Coordinate x=0.5276 u=0.3026 y=0.4190 v=0.3605	Luminous Flux (lm) 136591.969	Voltage U 240.600V
CCT 2028K	Efficiency (lm/w) 133.521	Current I 4.255A
Dominant 587.9nm	Optical Power (mW) 367456.4	Power P 1023.000W
Peak Wavelength 597nm	Part Flux 380-780nm (lm) 136591.969PF	1.000
FWHM 16.0nm	Part Flux Ratio 100.000%	
Purity 84.31%		
Color Ratio: R=0.274 G=0.716 B=0.009		
Color CRI. Ra= 29.05 (R1= 13 R2= 64 R3= 58 R4= 0 R5= 10 R6= 51 R7= 36 R8= 0 R9= 0 R10= 41 R11= 0 R12= 23 R13= 19 R14= 72 R15= 3)		



Instrument Status

Scan Range: 380nm-780nm

Interval: 5nm

HV: 290V

The main channel range: 1

Signal Peak: 53685.6

Signal fluctuations: 0.1%