



Light Source Test Report

Model: 795755

Manufacturer: BRIGHT CONCEPT (HK) GROUP LT

Ambient Temperature Ta: 27.7° C

Instrument: FMS-6000 Fast-scan Spectrum System

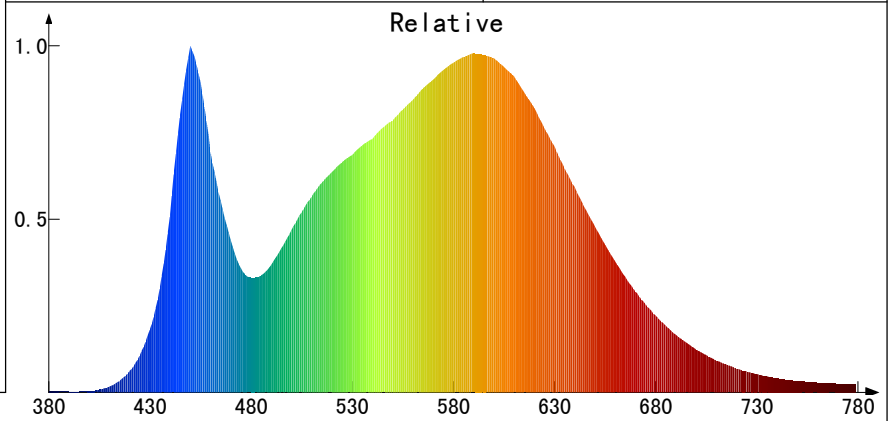
Internal Temp. of Sphere Ti: 27.6° C

Operator:

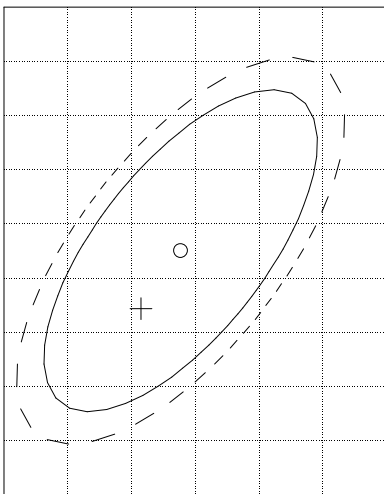
Humidity: 85%

Date: 16-07-12

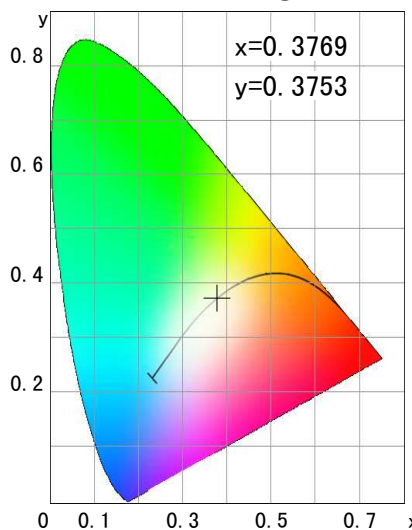
Color & Spectrum	Photometric	Electrical
Chromaticity Coordinate x=0.3769 u=0.2234 y=0.3753 v=0.3336	Luminous Flux (lm) 8878.620	Voltage U 220.100V
CCT 4088K	Efficiency (lm/w) 92.766	Current I 0.442A
Dominant 579.2nm	Optical Power (400nm-700nm) 29317.9	Power P 95.710W
Peak Wavelength 450nm	Part Flux 537-733nm (lm) 6897.504	PF 0.984
FWHM 27.4nm	Scotopic Vision (lm) 16893.832	
Purity 25.70%	S/P 1.715	
Color Ratio: R=0.194 G=0.771 B=0.035	Photon Count (umol/s) 137.186	
Color CRI. Ra= 82.27 (R1= 80 R2= 89 R3= 95 R4= 80 R5= 81 R6= 85 R7= 85 R8= 63 R9= 4 R10= 74 R11= 79 R12= 63 R13= 83 R14= 98 R15= 74)		



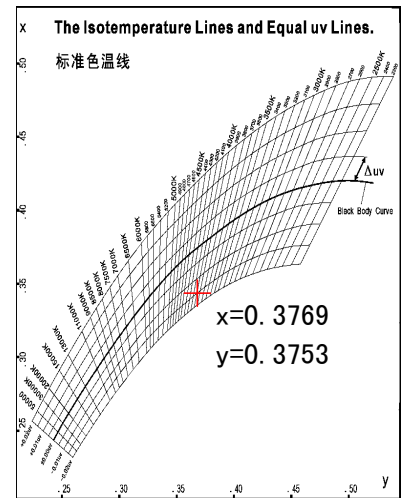
SDCM: 1.8SDCM



CIE1931 Diagram



Normal ISO CCT Lines



IEC F4000K (x=0.380 y=0.380)

Instrument Status

Scan Range: 380nm-780nm

Interval: 5nm

HV: 367V

The main channel range: 1

Signal Peak: 53371.6

Signal fluctuations: -0.9%