



Light Source Test Report

Model: 795763

Manufacturer: BRIGHT CONCEPT (HK) GROUP LT

Ambient Temperature T_a : 27.7° C

Instrument: FMS-6000 Fast-scan Spectrum System

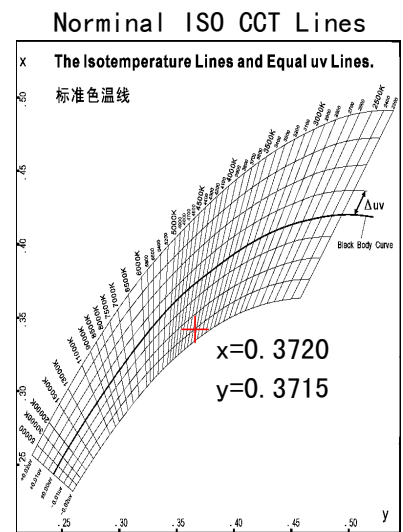
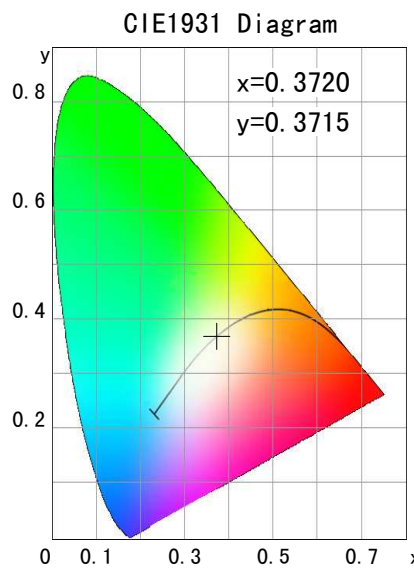
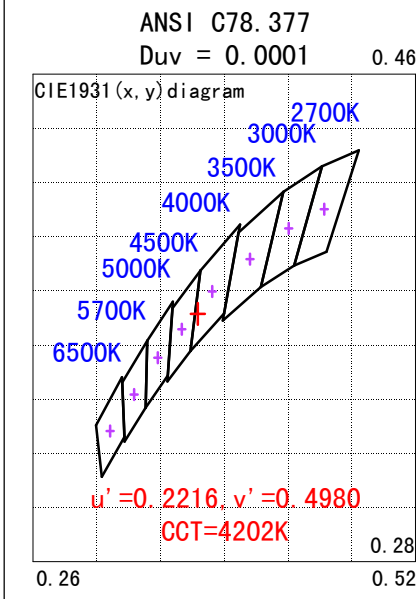
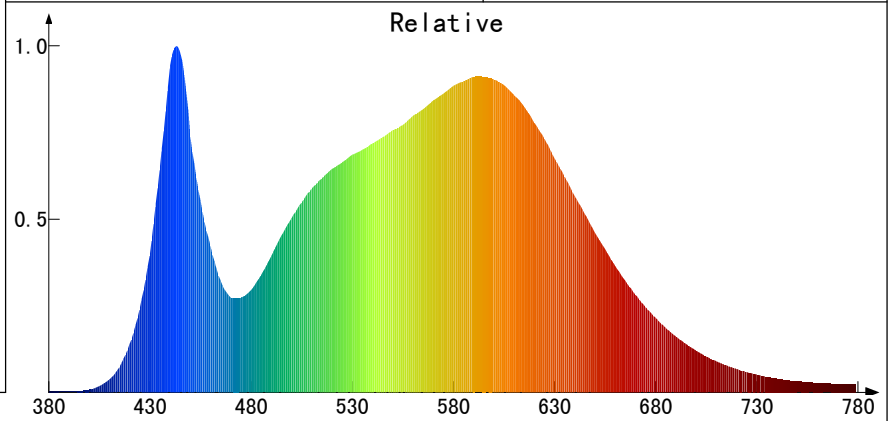
Internal Temp. of Sphere T_i : 27.6° C

Operator:

Humidity: 85%

Date: 16-07-12

Color & Spectrum	Photometric	Electrical
Chromaticity Coordinate x=0.3720 u=0.2216 y=0.3715 v=0.3320	Luminous Flux (lm) 13824.220	Voltage U 220.100V
GCT 4202K	Efficiency (lm/w) 94.428	Current I 0.673A
Dominant 577.9nm	Optical Power (400nm-700nm) 37583.8	Power P 146.400W
Peak Wavelength 443nm	Part Flux 537-733nm (lm) 10607.656	PF 0.988
FWHM 24.6nm	Scotopic Vision (lm) 21450.180	
Purity 23.12%	S/P 1.730	
Color Ratio: R=0.192 G=0.775 B=0.033	Photon Count (umol/s) 174.921	
Color CRI. Ra= 83.18 (R1= 82 R2= 88 R3= 93 R4= 84 R5= 83 R6= 84 R7= 86 R8= 67 R9= 10 R10= 71 R11= 84 R12= 71 R13= 83 R14= 96 R15= 75)		



Instrument Status

Scan Range: 380nm-780nm

Interval: 5nm

HV: 356V

The main channel range: 1

Signal Peak: 55018.2

Signal fluctuations: -1.0%