



Light Source Test Report

Model: 795771

Manufacturer: BRIGHT CONCEPT (HK) GROUP LT

Ambient Temperature T_a : 27.8° C

Instrument: FMS-6000 Fast-scan Spectrum System

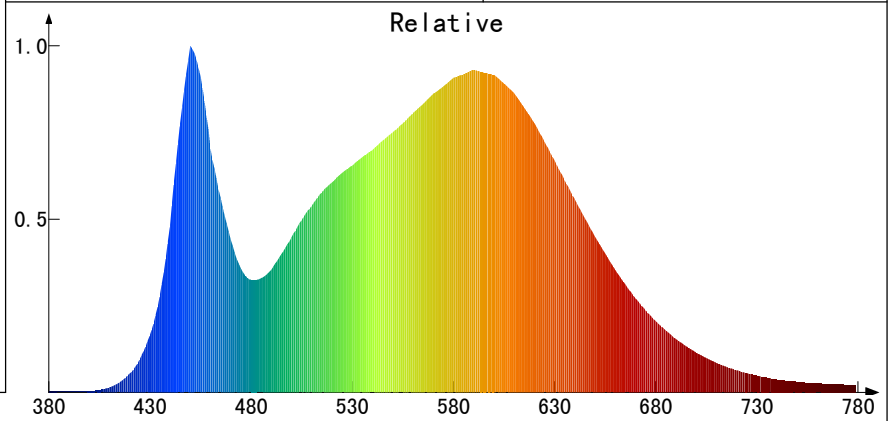
Internal Temp. of Sphere T_i : 27.7° C

Operator:

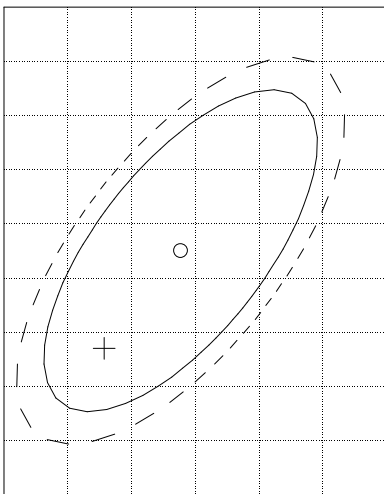
Humidity: 85%

Date: 16-07-12

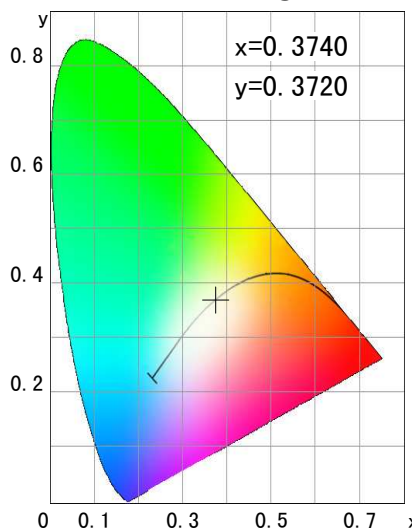
Color & Spectrum	Photometric	Electrical
Chromaticity Coordinate x=0.3740 u=0.2227 y=0.3720 v=0.3323	Luminous Flux (lm) 19220.830	Voltage U 220.000V
GCT 4147K	Efficiency (lm/w) 99.332	Current I 0.895A
Dominant 579.2nm	Optical Power (400nm-700nm) 52512.8	Power P 193.500W
Peak Wavelength 450nm	Part Flux 537-733nm (lm) 14904.781	PF 0.982
FWHM 27.1nm	Scotopic Vision (lm) 30547.975	
Purity 23.85%	S/P 1.738	
Color Ratio: R=0.193 G=0.771 B=0.036	Photon Count (umol/s) 245.287	
Color CRI. Ra= 82.48 (R1= 81 R2= 90 R3= 95 R4= 80 R5= 81 R6= 85 R7= 85 R8= 63 R9= 5 R10= 75 R11= 79 R12= 63 R13= 83 R14= 98 R15= 75)		



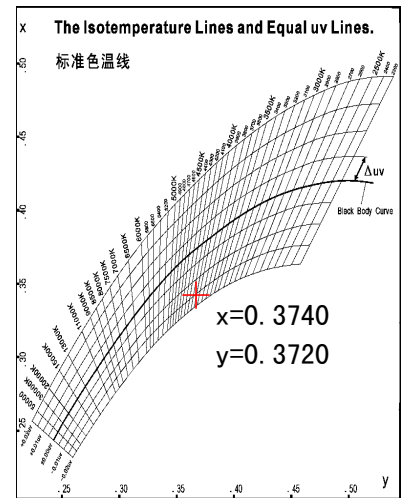
SDCM: 3.2SDCM



CIE1931 Diagram



Normal ISO CCT Lines



IEC F4000K (x=0.380 y=0.380)

Instrument Status

Scan Range: 380nm-780nm

Interval: 5nm

HV: 335V

The main channel range: 1

Signal Peak: 52166.3

Signal fluctuations: -0.8%