

Light Source Test Report

Model :

Manufacturer:

Ambient Temperature: 22.3℃

Instrument: FMS-3000 Color Test System

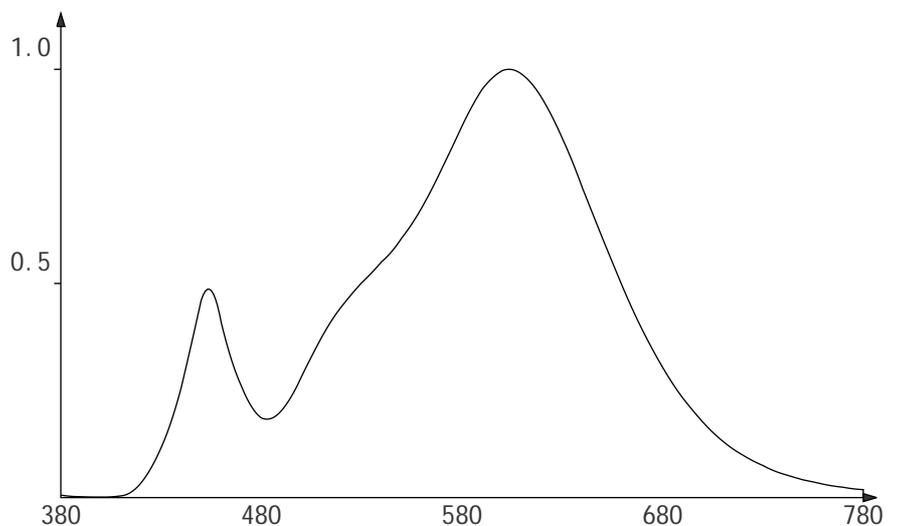
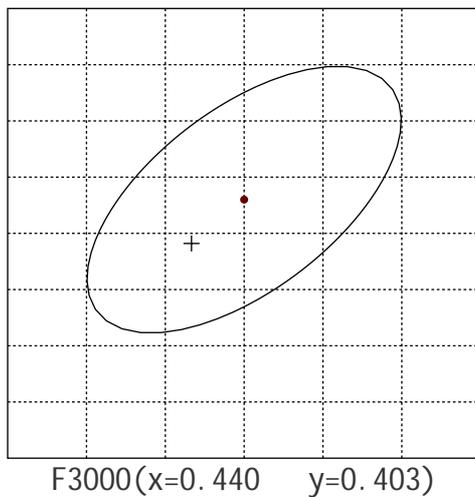
Internal Temp. of Sphere: 23.4℃

Humidity: 65%

Date: 2019-11-06

Color & Spectrum	Photometric	Electrical
Chromaticity Coordinate $x=0.4367$ $u=0.2526$ $y=0.3991$ $v=0.3462$ CCT 2965K Peak Wavelength 583nm FWHM 129.7nm Red Ratio 0.250 Blue Ratio 0.022 Green Ratio 0.728 CRI. (Ra) 82.6 (R1= 81 R2= 91 R3= 96 R4= 80 R5= 81 R6= 89 R7= 83 R8= 60 R9= 9 R10= 79 R11= 79 R12= 72 R13= 83 R14= 99)	Luminous Flux 414.9lm Efficiency 84.7lm/W Light Power 1.2888w	Voltage 221.3V Current 0.041A Power 4.9W Power Factor 0.540

SDCM: 1.9 SDCM



Instrument Status

Scan Range: 380nm-780nm
Main: 1
Reference: 3

Interval: 5nm
Id: 12
REF: 4233

PMT HV: -640V
Ip: 22881
%: -0.047%

Wavelength	Relative Spectral Energy Distribution	Wavelength	Relative Spectral Energy Distribution
380nm	0.0058	585nm	0.9137
385nm	0.0031	590nm	0.9534
390nm	0.0021	595nm	0.9794
395nm	0.0014	600nm	0.9968
400nm	0.0013	605nm	0.9993
405nm	0.0017	610nm	0.9878
410nm	0.0041	615nm	0.9649
415nm	0.0126	620nm	0.9312
420nm	0.0343	625nm	0.8884
425nm	0.0693	630nm	0.8386
430nm	0.1165	635nm	0.7844
435nm	0.1775	640nm	0.7230
440nm	0.2566	645nm	0.6643
445nm	0.3570	650nm	0.6056
450nm	0.4614	655nm	0.5487
455nm	0.4833	660nm	0.4923
460nm	0.4080	665nm	0.4392
465nm	0.3228	670nm	0.3904
470nm	0.2605	675nm	0.3455
475nm	0.2128	680nm	0.3040
480nm	0.1859	685nm	0.2662
485nm	0.1851	690nm	0.2326
490nm	0.2031	695nm	0.2036
495nm	0.2368	700nm	0.1764
500nm	0.2828	705nm	0.1523
505nm	0.3297	710nm	0.1316
510nm	0.3741	715nm	0.1137
515nm	0.4135	720nm	0.0991
520nm	0.4464	725nm	0.0858
525nm	0.4752	730nm	0.0749
530nm	0.5018	735nm	0.0636
535nm	0.5252	740nm	0.0552
540nm	0.5512	745nm	0.0481
545nm	0.5749	750nm	0.0414
550nm	0.6067	755nm	0.0366
555nm	0.6392	760nm	0.0313
560nm	0.6775	765nm	0.0271
565nm	0.7211	770nm	0.0242
570nm	0.7689	775nm	0.0206
575nm	0.8176	780nm	0.0186
580nm	0.8677		