

Light Source Test Report

Model :

Manufacturer:

Ambient Temperature: 22.4℃

Instrument: FMS-3000 Color Test System

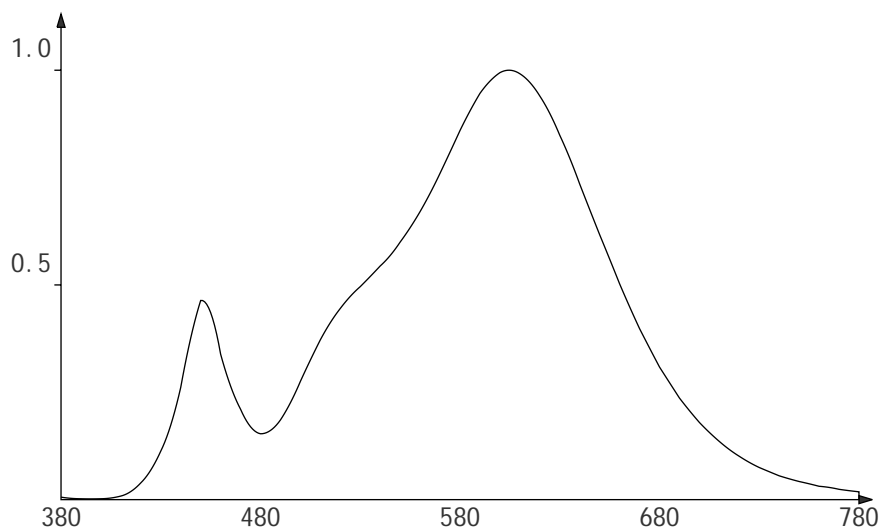
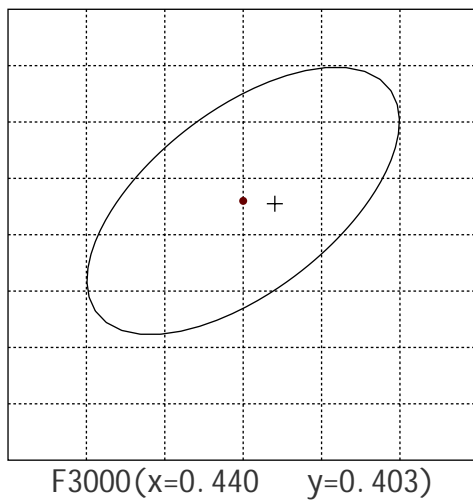
Internal Temp. of Sphere: 22.5℃

Humidity: 65%

Date: 2008-01-01

Color & Spectrum	Photometric	Electrical
Chromaticity Coordinate $x=0.4420$ $u=0.2544$ $y=0.4028$ $v=0.3478$ CCT 2904K Peak Wavelength 585nm FWHM 129.4nm Red Ratio 0.254 Blue Ratio 0.020 Green Ratio 0.726 CRI. (Ra) 82.3 (R1= 81 R2= 90 R3= 97 R4= 81 R5= 81 R6= 88 R7= 83 R8= 60 R9= 9 R10= 77 R11= 80 R12= 71 R13= 83 R14= 98)	Luminous Flux 380.5lm Efficiency 88.5lm/W Light Power 1.1809w	Voltage 221.3V Current 0.037A Power 4.3W Power Factor 0.526

SDCM: 1.3 SDCM



Instrument Status

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

Interval: 5nm
Id: 12
REF: 3883

PMT HV: -648V
Ip: 22866
%: -0.026%

Wavelength	Relative Spectral Energy Distribution	Wavelength	Relative Spectral Energy Distribution
380nm	0.0058	585nm	0.9051
385nm	0.0030	590nm	0.9461
390nm	0.0020	595nm	0.9745
395nm	0.0018	600nm	0.9943
400nm	0.0021	605nm	1.0000
405nm	0.0038	610nm	0.9918
410nm	0.0084	615nm	0.9717
415nm	0.0189	620nm	0.9400
420nm	0.0390	625nm	0.8994
425nm	0.0689	630nm	0.8486
430nm	0.1130	635nm	0.7954
435nm	0.1735	640nm	0.7350
440nm	0.2613	645nm	0.6757
445nm	0.3760	650nm	0.6171
450nm	0.4638	655nm	0.5604
455nm	0.4356	660nm	0.5027
460nm	0.3388	665nm	0.4494
465nm	0.2644	670nm	0.3983
470nm	0.2105	675nm	0.3532
475nm	0.1698	680nm	0.3089
480nm	0.1534	685nm	0.2727
485nm	0.1611	690nm	0.2366
490nm	0.1856	695nm	0.2073
495nm	0.2257	700nm	0.1798
500nm	0.2755	705nm	0.1565
505nm	0.3251	710nm	0.1355
510nm	0.3723	715nm	0.1168
515nm	0.4122	720nm	0.1009
520nm	0.4453	725nm	0.0868
525nm	0.4733	730nm	0.0748
530nm	0.4960	735nm	0.0651
535nm	0.5197	740nm	0.0555
540nm	0.5442	745nm	0.0485
545nm	0.5685	750nm	0.0422
550nm	0.5998	755nm	0.0369
555nm	0.6333	760nm	0.0311
560nm	0.6708	765nm	0.0285
565nm	0.7133	770nm	0.0240
570nm	0.7600	775nm	0.0209
575nm	0.8093	780nm	0.0182
580nm	0.8596		