

Light Source Test Report

Model :

Manufacturer:

Ambient Temperature: 23.1℃

Instrument: FMS-3000 Color Test System

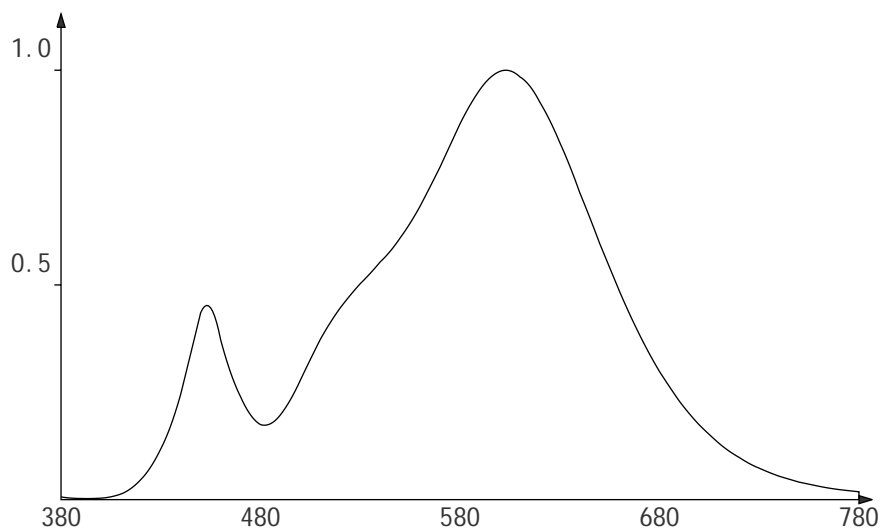
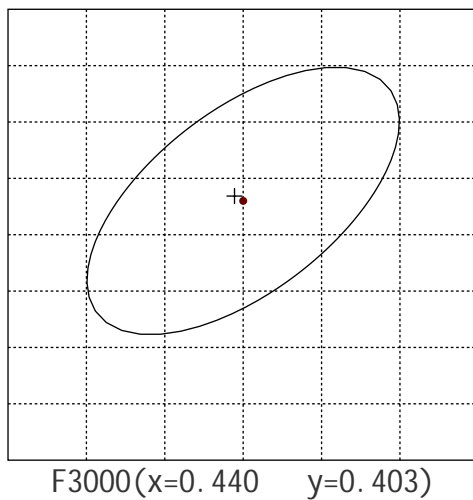
Internal Temp. of Sphere: 23.9℃

Humidity: 65%

Date: 2019-11-06

Color & Spectrum	Photometric	Electrical
Chromaticity Coordinate $x=0.4394$ $u=0.2525$ $y=0.4034$ $v=0.3477$ CCT 2954K Peak Wavelength 583nm FWHM 129.2nm Red Ratio 0.249 Blue Ratio 0.021 Green Ratio 0.730 CRI. (Ra) 81.8 (R1= 80 R2= 90 R3= 97 R4= 79 R5= 80 R6= 87 R7= 83 R8= 58 R9= 6 R10= 76 R11= 78 R12= 70 R13= 82 R14= 99)	Luminous Flux 801.3lm Efficiency 96.5lm/W Light Power 2.4661w	Voltage 221.3V Current 0.065A Power 8.3W Power Factor 0.572

SDCM: 0.5 SDCM



Instrument Status

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

Interval: 5nm
Id: 10
REF: 8175

PMT HV: -584V
Ip: 22962
%: -0.061%

Wavelength	Relative Spectral Energy Distribution	Wavelength	Relative Spectral Energy Distribution
380nm	0.0063	585nm	0.9184
385nm	0.0036	590nm	0.9550
390nm	0.0027	595nm	0.9821
395nm	0.0025	600nm	0.9973
400nm	0.0034	605nm	0.9987
405nm	0.0066	610nm	0.9847
410nm	0.0130	615nm	0.9630
415nm	0.0259	620nm	0.9256
420nm	0.0467	625nm	0.8831
425nm	0.0764	630nm	0.8317
430nm	0.1182	635nm	0.7772
435nm	0.1724	640nm	0.7152
440nm	0.2456	645nm	0.6575
445nm	0.3400	650nm	0.5967
450nm	0.4352	655nm	0.5406
455nm	0.4466	660nm	0.4846
460nm	0.3726	665nm	0.4324
465nm	0.2960	670nm	0.3840
470nm	0.2396	675nm	0.3392
475nm	0.1974	680nm	0.2985
480nm	0.1747	685nm	0.2631
485nm	0.1768	690nm	0.2290
490nm	0.1975	695nm	0.1999
495nm	0.2328	700nm	0.1737
500nm	0.2784	705nm	0.1515
505nm	0.3267	710nm	0.1305
510nm	0.3734	715nm	0.1127
515nm	0.4124	720nm	0.0982
520nm	0.4467	725nm	0.0841
525nm	0.4760	730nm	0.0732
530nm	0.5029	735nm	0.0633
535nm	0.5269	740nm	0.0544
540nm	0.5536	745nm	0.0476
545nm	0.5783	750nm	0.0408
550nm	0.6095	755nm	0.0359
555nm	0.6439	760nm	0.0311
560nm	0.6835	765nm	0.0268
565nm	0.7285	770nm	0.0235
570nm	0.7746	775nm	0.0208
575nm	0.8249	780nm	0.0183
580nm	0.8751		