

Light Source Test Report

Model :

Manufacturer:

Ambient Temperature: 22.6℃

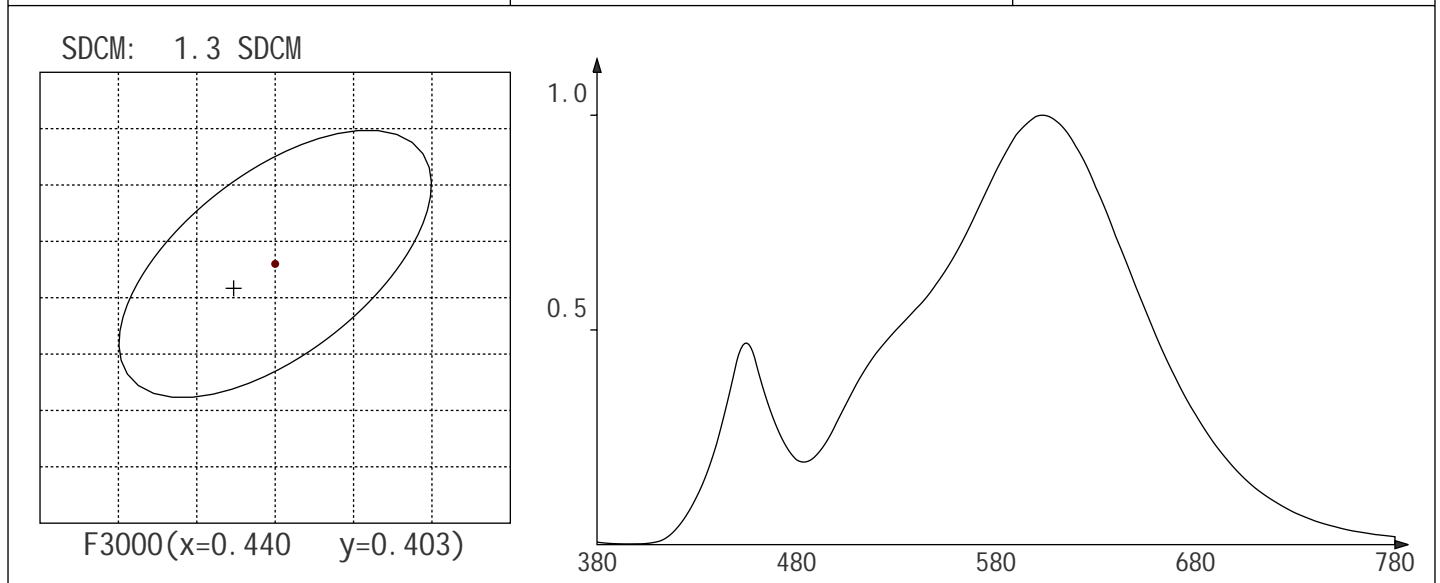
Instrument: FMS-3000 Color Test System

Internal Temp. of Sphere: 23.3℃

Humidity: 65%

Date: 2019-11-06

Color & Spectrum	Photometric	Electrical
Chromaticity Coordinate $x=0.4373$ $u=0.2522$ $y=0.4008$ $v=0.3468$ CCT 2968K Peak Wavelength 583nm FWHM 129.1nm Red Ratio 0.249 Blue Ratio 0.023 Green Ratio 0.728 CRI. (Ra) 82.5 (R1= 81 R2= 91 R3= 96 R4= 80 R5= 81 R6= 89 R7= 83 R8= 59 R9= 8 R10= 79 R11= 78 R12= 72 R13= 83 R14= 99)	Luminous Flux 421.7lm Efficiency 86.1lm/W Light Power 1.3066w	Voltage 221.4V Current 0.040A Power 4.9W Power Factor 0.544



Instrument Status

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

Interval: 5nm
Id: 12
REF: 4303

PMT HV: -639V
Ip: 22815
%: 0.046%

Wavelength	Relative Spectral Energy Distribution	Wavelength	Relative Spectral Energy Distribution
380nm	0.0059	585nm	0.9138
385nm	0.0033	590nm	0.9537
390nm	0.0021	595nm	0.9785
395nm	0.0017	600nm	0.9970
400nm	0.0019	605nm	0.9992
405nm	0.0028	610nm	0.9871
410nm	0.0065	615nm	0.9638
415nm	0.0168	620nm	0.9275
420nm	0.0383	625nm	0.8857
425nm	0.0698	630nm	0.8322
430nm	0.1120	635nm	0.7790
435nm	0.1656	640nm	0.7179
440nm	0.2355	645nm	0.6614
445nm	0.3257	650nm	0.6015
450nm	0.4265	655nm	0.5450
455nm	0.4694	660nm	0.4884
460nm	0.4174	665nm	0.4359
465nm	0.3381	670nm	0.3882
470nm	0.2747	675nm	0.3428
475nm	0.2274	680nm	0.3032
480nm	0.1976	685nm	0.2658
485nm	0.1930	690nm	0.2318
490nm	0.2087	695nm	0.2025
495nm	0.2396	700nm	0.1756
500nm	0.2833	705nm	0.1521
505nm	0.3288	710nm	0.1316
510nm	0.3734	715nm	0.1146
515nm	0.4123	720nm	0.0996
520nm	0.4462	725nm	0.0860
525nm	0.4742	730nm	0.0738
530nm	0.5004	735nm	0.0641
535nm	0.5248	740nm	0.0551
540nm	0.5498	745nm	0.0478
545nm	0.5751	750nm	0.0417
550nm	0.6067	755nm	0.0357
555nm	0.6406	760nm	0.0310
560nm	0.6794	765nm	0.0274
565nm	0.7233	770nm	0.0236
570nm	0.7719	775nm	0.0211
575nm	0.8212	780nm	0.0184
580nm	0.8702		