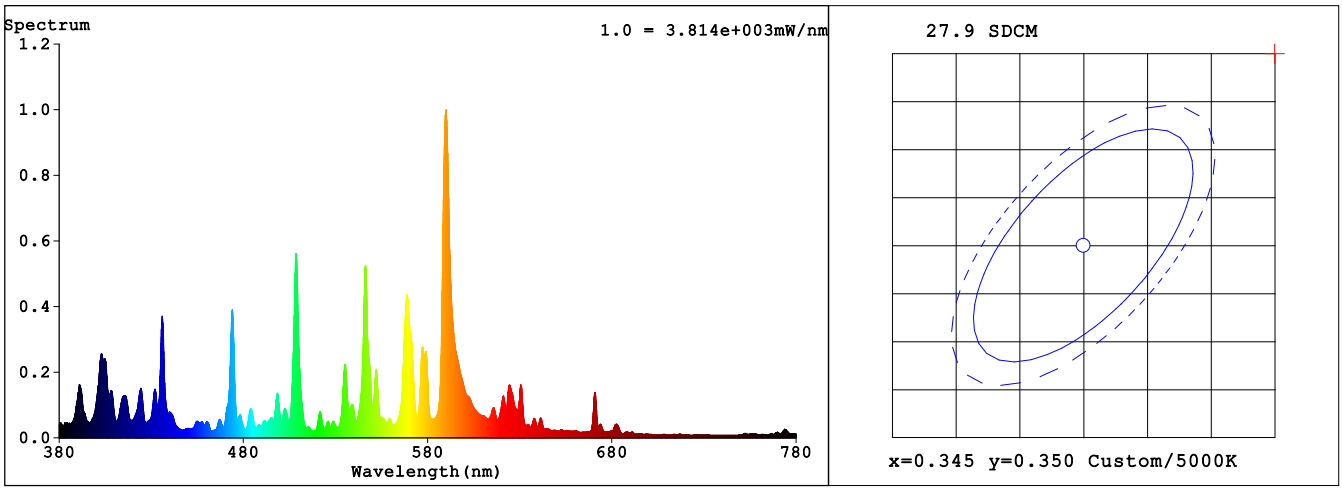
Spectrum Test Report

Sample	:	Date	: 2024-06-14 15:54:45
Specification	: 400W FC2 3000K	Sam. Status	:
Sample No.	: 01	Standard	:
Manufacturer	:	Instrument	:
Remark	:	Test by	:
Device SN	:		

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53284 (81%)
Test Mode	: Fast Test	T	: 101 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.3930 y = 0.3957 / u' = 0.2258 v' = 0.5115 (duv=5.16e-03)
CCT= 3820K Prcp WL: Ld=577.5nm Purity=36.7%
Peak WL: Lp=590nm FWHM: =4.4nm Ratio:R=9.7% G=87.1% B=3.2%
Render Index: Ra = 57.8

EEI: 0.13482 A+

R1 =48	R2 =80	R3 =85	R4 =51	R5 =56	R6 =77	R7 =60	
R8 =4	R9 =0	R10=60	R11=50	R12=70	R13=58	R14=89	R15=26

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 40618 lm Eff. : 101.04 lm/W Fe = 125.07 W
Flux of emitted photons(μmol/s):562.34 Fluo. and blue light ratio:1.633 Fluorescent eff.:182.6
A: 5.2491e+003mW B: 1.2507e+005mW
Photosynthetic:PPF(400-700nm):525.7μmol/s PRF(400-700nm):1.1667e+005mW
Eff(PPF) (400-700nm):1.31μmol/s/W

Electrical parameters

V = 98.10 V I = 4.330 A P = 402.0 W PF = 0.9464 F=50.00 Hz