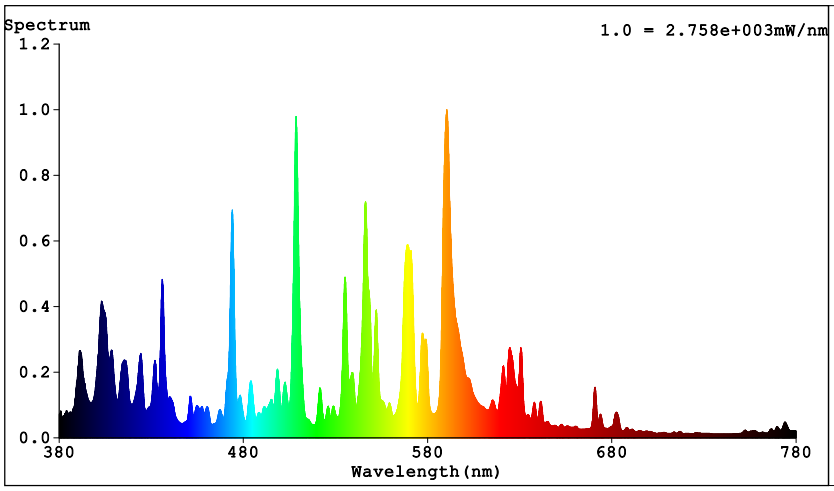
Spectrum Test Report

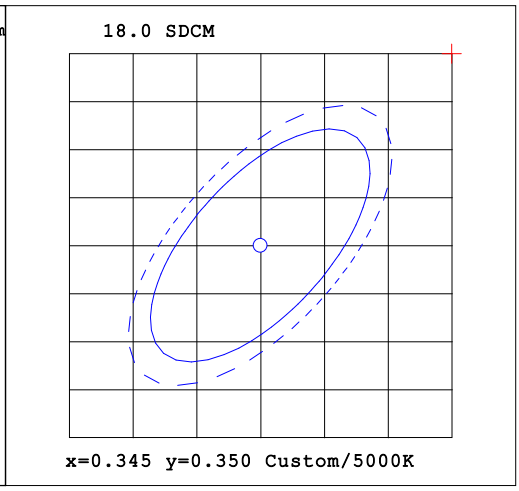
Sample	:	Date	: 2024-06-14 15:32:47
Specification	: 400W FC2 4000K	Sam. Status	:
Sample No.	: 01	Standard	:
Manufacturer	:	Instrument	:
Remark	:	Test by	:
Device SN	:		

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 58449 (89%)
Test Mode	: Fast Test	T	: 153 ms
Sensitivity	: High		

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.3649 y = 0.3939 / u' = 0.2086 v' = 0.5067 (duv=1.27e-02)
CCT= 4534K Prcp WL: Ld=570.5nm Purity=27.7%
Peak WL: Lp=590nm FWHM: =5.6nm Ratio:R=9.9% G=86.3% B=3.8%
Render Index: Ra = 67.1

EEI: 0.12312 A+

R1 =58	R2 =81	R3 =92	R4 =62	R5 =64	R6 =79	R7 =73	
R8 =28	R9 =0	R10=60	R11=59	R12=71	R13=65	R14=94	R15=40

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 44432 lm Eff. : 110.64 lm/W Fe = 144.28 W
Flux of emitted photons(μmol/s):641.25 Fluo. and blue light ratio:1.369 Fluorescent eff.:191.5
A: 6.9086e+003mW B: 1.4428e+005mW
Photosynthetic:PPF(400-700nm):595.09μmol/s PRF(400-700nm):1.3358e+005mW
Eff(PPF) (400-700nm):1.48μmol/s/W

Electrical parameters

V = 137.40 V I = 3.169 A P = 401.6 W PF = 0.9223 F=50.00 Hz