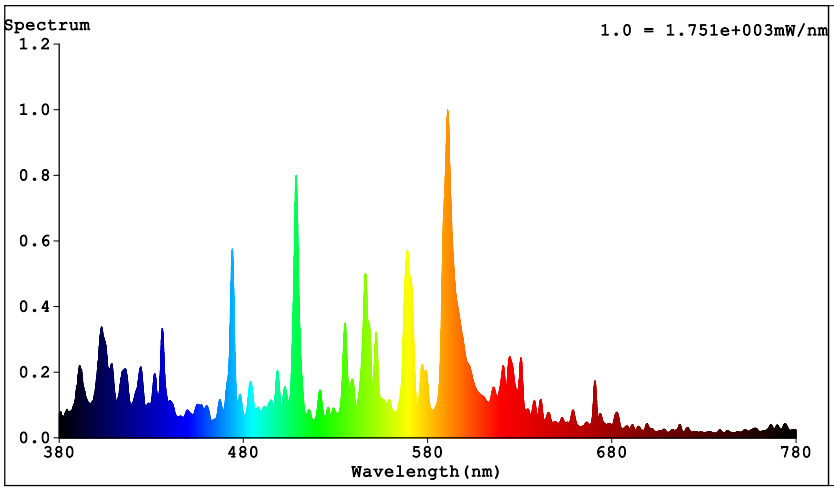
Spectrum Test Report

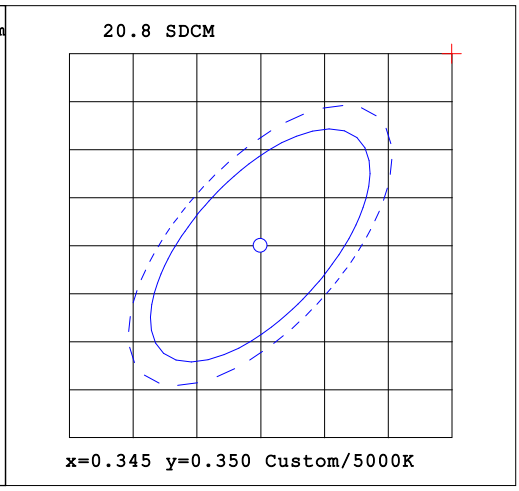
Sample	:	Date	: 2024-06-14 14:43:15
Specification	: 250W FC2 4000K	Sam. Status	:
Sample No.	: 01	Standard	:
Manufacturer	:	Instrument	:
Remark	:	Test by	:
Device SN	:		

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 57043 (87%)
Test Mode	: Fast Test	T	: 236 ms
Sensitivity	: High		

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.3808 y = 0.3856 / u' = 0.2219 v' = 0.5055 (duv=3.97e-03)
CCT= 4053K Prcp WL: Ld=576.9nm Purity=30.0%
Peak WL: Lp=591nm FWHM: =6.6nm Ratio:R=12.2% G=83.8% B=4.0%
Render Index: Ra = 70.2

EEI: 0.13135 A+

R1 =65	R2 =88	R3 =87	R4 =67	R5 =71	R6 =89	R7 =69	
R8 =26	R9 =0	R10=77	R11=67	R12=85	R13=72	R14=91	R15=46

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 26975 lm Eff. : 103.71 lm/W Fe = 90.167 W
Flux of emitted photons(μmol/s):406.54 Fluo. and blue light ratio:1.512 Fluorescent eff.:195.7
A: 4.0870e+003mW B: 9.0167e+004mW
Photosynthetic:PPF(400-700nm):373.13μmol/s PRF(400-700nm):82839mW
Eff(PPF) (400-700nm):1.43μmol/s/W

Electrical parameters

V = 119.00 V I = 2.330 A P = 260.1 W PF = 0.9381 F=50.00 Hz