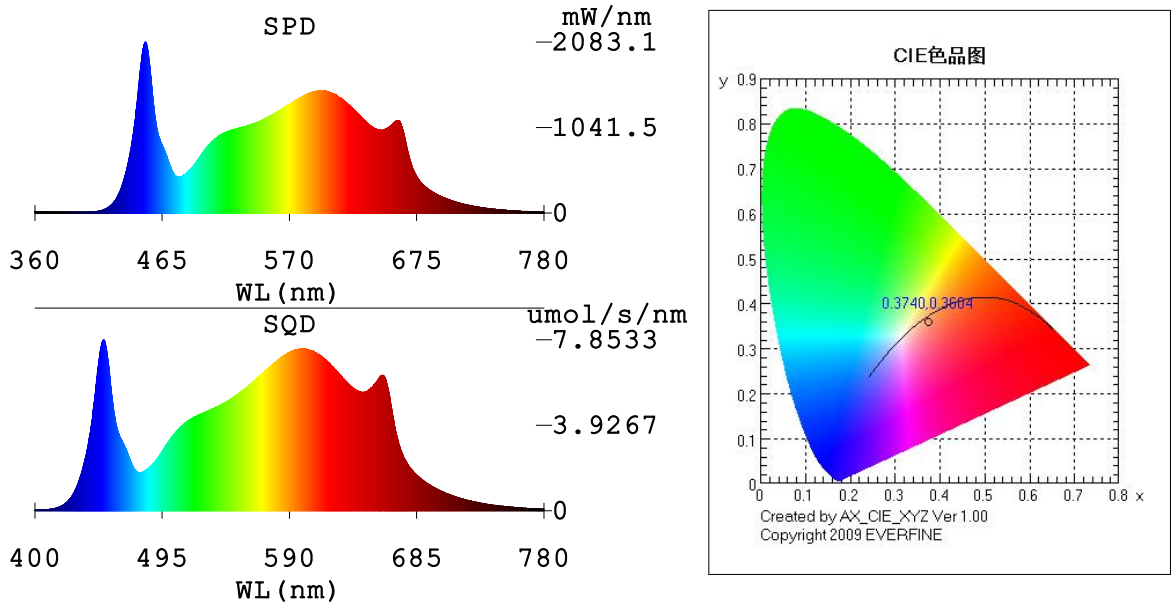


Spectrum Test Report



Plant Parameters:

Radiometry System:

Φv(lm): 85856	Qv(lm.s): 8585610
Φe,λ(W): 0.533	Qe(J): 27197
Φe(W): 271.9	ηb: 0.5569
ηuv: 0.0009602	ηe: 0.5465
ηfr: 0.009517	Φrb_Ratio: 0.01222
Φe,b(W): 277.1	Φe,uv(W): 0.4778
Φe,fr(W): 4.735	Φr(W): 276.8
Φch-A(W): 40.14	Qch-A(J): 4014
Φch-B(W): 58.23	Qch-B(J): 5823
Φb-p(W): 117.9	Qb-p(J): 11791
Φy-g(W): 91.08	Qy-g(J): 9108
Φr-o(W): 1.441	Qr-o(J): 144.1

Quantum System:

PPF(μmol/s): 1273	PPF(400-500)(μmol/s): 242.6
PPF(500-600)(μmol/s): 546.7	PPF(600-700)(μmol/s): 484.9
Numol(μmol): 127318	PPE(μmol/s/W): 2.558
KFr(μmol/s/W): 0.05756	Φp,uv(μmol/s): 4.735
Φp,fr(μmol/s): 28.64	

Color Parameters:

Chromaticity Coordinate: x = 0.3740 y = 0.3604 u' = 0.2275 v' = 0.4932
 CCT = 4062K(Duv = -0.0060) Dominant WL:λd = 583.2nm
 Purity = 20.4% Ratio: R:G:B=19.1:76.9:4.0

Ra = 88.2

R1 = 88.2 R2 = 93.2 R3 = 95.2 R4 = 87.7 R5 = 88.4

R6 = 88.9 R7 = 88.5 R8 = 75.4 R9 = 39.0 R10 = 83.4

R11 = 88.0 R12 = 70.1 R13 = 89.7 R14 = 97.6 R15 = 85.1

Electric:U = 119.72 V I = 4.166 A P = 497.6 W PF = 0.9976 Eff = 172.5 lm/W

λp = 451.4nm

FWHM = 18.8nm

LEVEL: OUT

WHITE: OUT

Status: Integral T = 19 ms

Ip = 52218 (80%)

Model:KS5000

Number:9

Tester:Yang Hua Qing

Date:2022-02-19 17:09:41

Temperature:25.3Deg

Humidity:65.0%

Manufacturer:VIPARSPECTRA

Remarks: