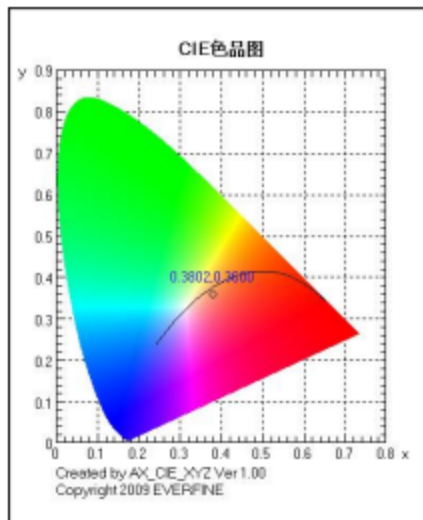
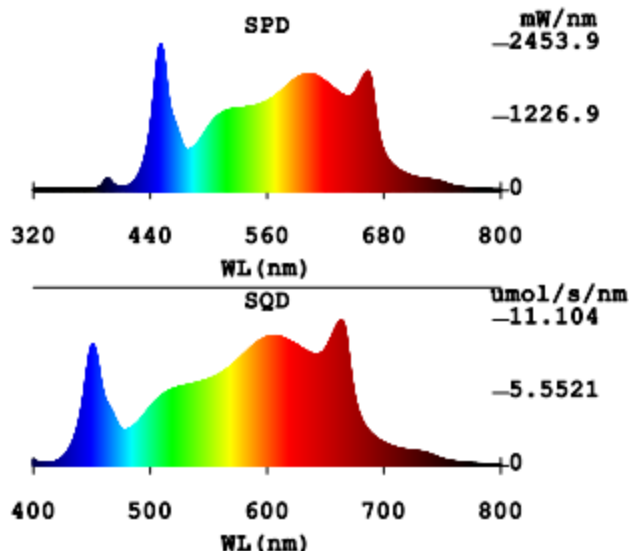


Spectrum Test Report



Plant Parameters:

Φ_v (lm): 111837

$\Phi_{e,\lambda}$ (W/nm): 391.9

Φ_e (W): 377.1

η_{uv} : 0.005402

η_{fr} : 0.01698

KFr (umol/s/W): 0.1033

$\Phi_{e,b}$ (W): 391.9

$\Phi_{e,fr}$ (W): 11.25

PPF(400-500) (umol/s): 320.6

PPF(600-700) (umol/s): 766.6

$\Phi_{p,uv}$ (umol/s): 11.25

Φ_r (W): 390

Qch-A (J): 65.19

Qch-B (J): 76.65

Qb-p (J): 150.7

Qy-g (J): 143.2

Qr-o (J): 1.717

Q_v (lm.s): 111837

Q_e (J): 391.9

η_b : 0.5918

η_e : 0.5694

PPE (umol/s/W): 2.693

Φ_{rb_Ratio} : 0.01138

$\Phi_{e,uv}$ (W): 3.578

PPF (umol/s): 1784

PPF(500-600) (umol/s): 698.1

Numol (umol): 1784

$\Phi_{p,fr}$ (umol/s): 68.47

Φ_{ch-A} (W): 65.19

Φ_{ch-B} (W): 76.65

Φ_{b-p} (W): 150.7

Φ_{y-g} (W): 143.2

Φ_{r-o} (W): 1.717

Color Parameters:

Chromaticity Coordinate: x=0.3802 y=0.3600 u'=0.2319 v'=0.4939

CCT=3877K (Duv=-0.0080) Dominant WL: Ld=585.1nm Purity=22.1%

Ratio: R:G:B=20.8:75.0:4.2 Peak WL: Lp=450.9nm FWHM=21.7nm

Ra=94.7 R1=96.5 R2=97.6 R3=97.1 R4=95.3 R5=97.1

R6=93.9 R7=92.5 R8=87.7 R9=72.7 R10=95.4

R11=95.1 R12=80.7 R13=97.4 R14=98.6 R15=95.5

Electric: U = 219.71 V I = 3.050 A P = 662.3 W PF = 0.9882 Eff = 168.9 lm/W

LEVEL:OUT WHITE:OUT Status: Integral T = 28 ms Ip = 53631 (82%)

Model: KB-X55-650

Tester:

Temperature: 25.3Deg

Manufacturer: KB

Number: KB-X55-650

Date: 2022-07-04 15:02:26

Humidity: 65.0%

Remarks: ---