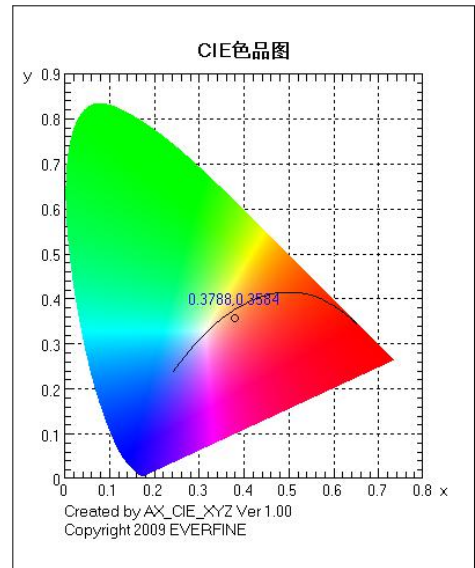
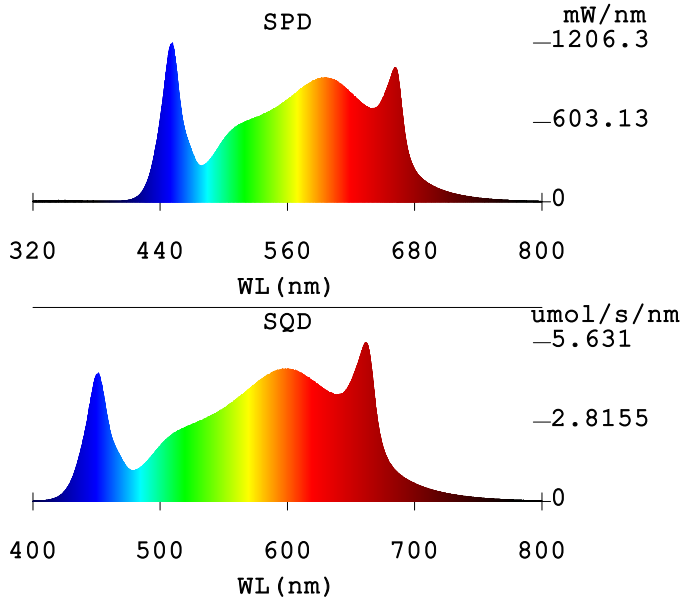


Spectrum Test Report



Plant Parameters:

Φ_v (lm): 54036	Q_v (lm.s): 54036
$\Phi_{e,\lambda}$ (W/nm): 181.1	Q_e (J): 181.1
Φ_e (W): 177.5	PPE(umol/s/W): 2.575
Φ_{rb} _Ratio: 0.02212	$\Phi_{e,b}$ (W): 181.1
$\Phi_{e,uv}$ (W): 0.4899	$\Phi_{e,fr}$ (W): 3.101
PPF(umol/s): 837.3	PPF(400-500)(umol/s): 152.1
PPF(500-600)(umol/s): 341	PPF(600-700)(umol/s): 344.8
Numol(umol): 837.3	$\Phi_{p,uv}$ (umol/s): 3.101
$\Phi_{p,fr}$ (umol/s): 18.81	Φ_r (W): 180.6
Φ_{ch-A} (W): 30.26	Q_{ch-A} (J): 30.26
Φ_{ch-B} (W): 37.09	Q_{ch-B} (J): 37.09
Φ_{b-p} (W): 73.5	Q_{b-p} (J): 73.5
Φ_{y-g} (W): 64.52	Q_{y-g} (J): 64.52
Φ_{r-o} (W): 1.625	Q_{r-o} (J): 1.625

Color Parameters:

Chromaticity Coordinate: x=0.3788 y=0.3584 u'=0.2315 v'=0.4930
 CCT=3897K(Duv=-0.0084) Dominant WL:Ld=585.5nm Purity=21.2%
 CCT=3897K(Duv=-0.0084) Dominant WL:Ld=585.5nm Purity=21.2% Peak WL:Lp=451.5nm FWHM=22.1nm
 Ra=89.8 R1=90.1 R2=94.1 R3=95.0 R4=88.8 R5=90.4
 R6=89.9 R7=89.7 R8=80.5 R9=53.9 R10=85.9
 R11=89.0 R12=75.0 R13=91.3 R14=97.4 R15=88.9
 Electric: U = 240.53 V I = 1.371 A P = 325.2 W PF = 0.9863 Eff = 166.2 lm/W
 LEVEL:OUT WHITE:OUT Status: Integral T = 34 ms Ip = 53072 (81%)