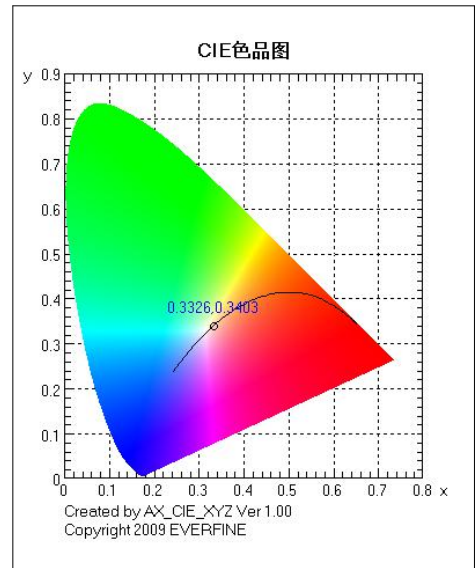
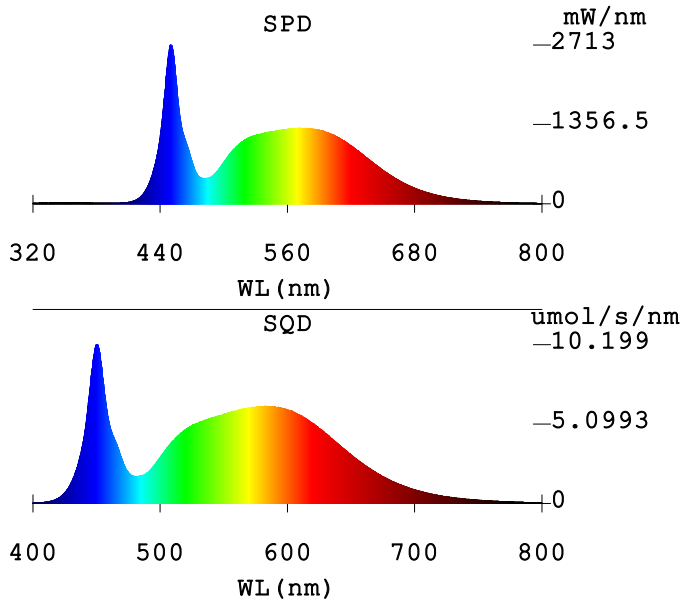


Spectrum Test Report



Plant Parameters:

$\Phi_v(lm)$: 82078	$Q_v(lm.s)$: 82078
$\Phi_{e,\lambda}(W/nm)$: 260.9	$Q_e(J)$: 260.9
$\Phi_e(W)$: 255.1	$PPE(umol/s/W)$: 2.401
Φ_{rb_Ratio} : 0.006919	$\Phi_{e,b}(W)$: 260.9
$\Phi_{e,uv}(W)$: 1.097	$\Phi_{e,fr}(W)$: 4.731
$PPF(umol/s)$: 1159	$PPF(400-500)(umol/s)$: 290.5
$PPF(500-600)(umol/s)$: 541.9	$PPF(600-700)(umol/s)$: 327.7
$Numol(umol)$: 1159	$\Phi_{p,uv}(umol/s)$: 4.731
$\Phi_{p,fr}(umol/s)$: 28.78	$\Phi_r(W)$: 259.8
$\Phi_{ch-A}(W)$: 30.61	$Q_{ch-A}(J)$: 30.61
$\Phi_{ch-B}(W)$: 63.01	$Q_{ch-B}(J)$: 63.01
$\Phi_{b-p}(W)$: 117.3	$Q_{b-p}(J)$: 117.3
$\Phi_{y-g}(W)$: 61.82	$Q_{y-g}(J)$: 61.82
$\Phi_{r-o}(W)$: 0.812	$Q_{r-o}(J)$: 0.812

Color Parameters:

Chromaticity Coordinate: $x=0.3326$ $y=0.3403$ $u'=0.2073$ $v'=0.4772$
 CCT=5491K(Duv=-0.0005) Dominant WL:Ld=549.0nm Purity=1.9%
 CCT=5491K(Duv=-0.0005) Dominant WL:Ld=549.0nm Purity=1.9% Peak WL:Lp=450.1nm FWHM=18.3nm
 Ra=81.7 R1=81.0 R2=85.5 R3=87.3 R4=82.8 R5=81.6
 R6=79.4 R7=86.6 R8=69.7 R9=10.0 R10=64.5
 R11=81.8 R12=56.4 R13=81.9 R14=92.9 R15=77.3
 Electric:U = 240.31 V I = 2.037 A P = 482.7 W PF = 0.9861 Eff = 170.0 lm/W
 LEVEL:OUT WHITE:ANSI_5700K Status: Integral T = 22 ms Ip = 48386 (74%)

Model:
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:VEG-4 480W
 Date:2021-09-22 10:13:55
 Humidity:65.0%
 Remarks: