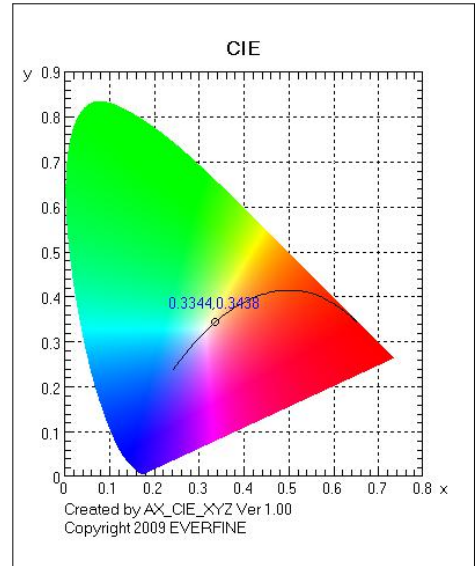
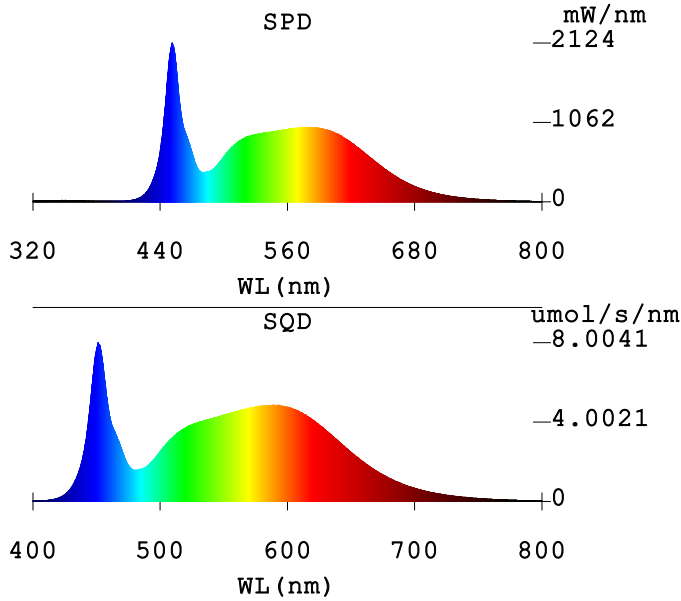


Spectrum Test Report



Plant Parameters:

$\Phi_v(lm)$: 63863	$Q_v(lm.s)$: 63863
$\Phi_{e,\lambda}(W/nm)$: 202.7	$Q_e(J)$: 202.7
$\Phi_e(W)$: 198.3	$PPE(umol/s/W)$: 2.596
Φ_{rb_Ratio} : 0.009178	$\Phi_{e,b}(W)$: 202.7
$\Phi_{e,uv}(W)$: 0.9404	$\Phi_{e,fr}(W)$: 3.439
$PPF(umol/s)$: 903.5	$PPF(400-500)(umol/s)$: 224.9
$PPF(500-600)(umol/s)$: 419.9	$PPF(600-700)(umol/s)$: 259.4
$Numol(umol)$: 903.5	$\Phi_{p,uv}(umol/s)$: 3.439
$\Phi_{p,fr}(umol/s)$: 20.89	$\Phi_r(W)$: 201.8
$\Phi_{ch-A}(W)$: 22.81	$Q_{ch-A}(J)$: 22.81
$\Phi_{ch-B}(W)$: 48.65	$Q_{ch-B}(J)$: 48.65
$\Phi_{b-p}(W)$: 90.96	$Q_{b-p}(J)$: 90.96
$\Phi_{y-g}(W)$: 48.94	$Q_{y-g}(J)$: 48.94
$\Phi_{r-o}(W)$: 0.8348	$Q_{r-o}(J)$: 0.8348

Color Parameters:

Chromaticity Coordinate: $x=0.3344$ $y=0.3438$ $u'=0.2072$ $v'=0.4792$
 CCT=5415K(Duv=0.0005) Dominant WL:Ld=558.8nm Purity=3.5%
 CCT=5415K(Duv=0.0005) Dominant WL:Ld=558.8nm Purity=3.5% Peak WL:Lp=451.2nm FWHM=17.8nm
 Ra=83.9 R1=83.0 R2=88.6 R3=91.1 R4=84.2 R5=83.4
 R6=83.2 R7=87.7 R8=70.3 R9=14.5 R10=71.8
 R11=83.5 R12=58.7 R13=84.6 R14=95.2 R15=78.9
 Electric:U = 240.27 V I = 1.468 A P = 348.0 W PF = 0.9862 Eff = 183.5 lm/W
 LEVEL:OUT WHITE:ANSI_5700K Status: Integral T = 25 ms Ip = 48791 (74%)