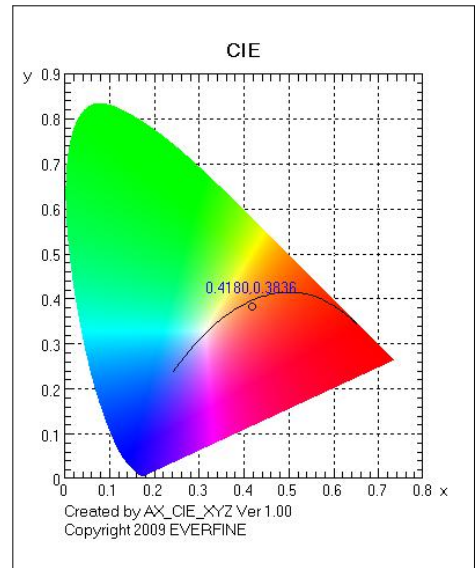
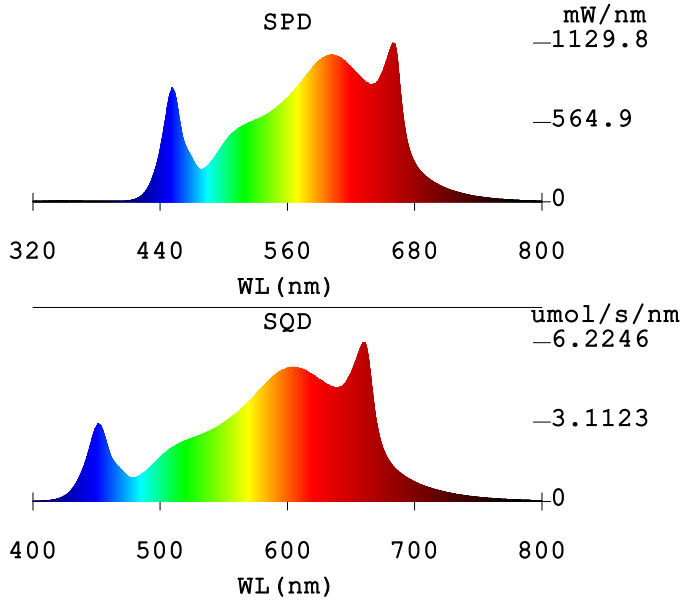


Spectrum Test Report



Plant Parameters:

$\Phi_v(lm)$ : 54007	$Q_v(lm.s)$ : 54007
$\Phi_{e,\lambda}(W/nm)$ : 177.7	$Q_e(J)$ : 177.7
$\Phi_e(W)$ : 173.5	$PPE(umol/s/W)$ : 2.592
$\Phi_{rb\_Ratio}$ : 0.03592	$\Phi_{e,b}(W)$ : 177.7
$\Phi_{e,uv}(W)$ : 0.3731	$\Phi_{e,fr}(W)$ : 3.894
$PPF(umol/s)$ : 835.2	$PPF(400-500)(umol/s)$ : 110.4
$PPF(500-600)(umol/s)$ : 332.5	$PPF(600-700)(umol/s)$ : 392.9
$Numol(umol)$ : 835.2	$\Phi_{p,uv}(umol/s)$ : 3.894
$\Phi_{p,fr}(umol/s)$ : 23.65	$\Phi_r(W)$ : 177.3
$\Phi_{ch-A}(W)$ : 30.82	$Q_{ch-A}(J)$ : 30.82
$\Phi_{ch-B}(W)$ : 31.93	$Q_{ch-B}(J)$ : 31.93
$\Phi_{b-p}(W)$ : 71.41	$Q_{b-p}(J)$ : 71.41
$\Phi_{y-g}(W)$ : 73.56	$Q_{y-g}(J)$ : 73.56
$\Phi_{r-o}(W)$ : 2.565	$Q_{r-o}(J)$ : 2.565

Color Parameters:

Chromaticity Coordinate:  $x=0.4180$   $y=0.3836$   $u'=0.2471$   $v'=0.5102$   
 CCT=3173K(Duv=-0.0056) Dominant WL:Ld=584.5nm Purity=40.6%  
 CCT=3173K(Duv=-0.0056) Dominant WL:Ld=584.5nm Purity=40.6% Peak WL:Lp=659.3nm FWHM=144.6  
 Ra=89.3 R1=89.0 R2=95.1 R3=96.7 R4=88.2 R5=90.0  
 R6=93.0 R7=87.6 R8=75.0 R9=45.9 R10=89.1  
 R11=89.1 R12=80.9 R13=90.8 R14=98.9 R15=85.5  
 Electric:U = 240.43 V I = 1.361 A P = 322.1 W PF = 0.9845 Eff = 167.7 lm/W  
 LEVEL:OUT WHITE:ANSI\_3000K Status: Integral T = 40 ms Ip = 48140 (73%)

Model:Pro4模组MINI 320W Number:LM301H SAMSUNG300K混4000K+OSRAM 660  
 Tester:1.8米欧规插头 LED-L690B Date:2021-08-11 18:57:11  
 Temperature:25.3Deg Humidity:65.0%  
 Manufacturer:明纬电源 橙色边框 Remarks:200+30PCS