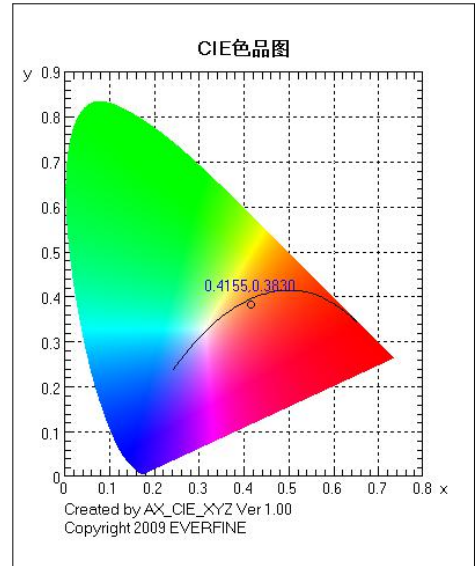
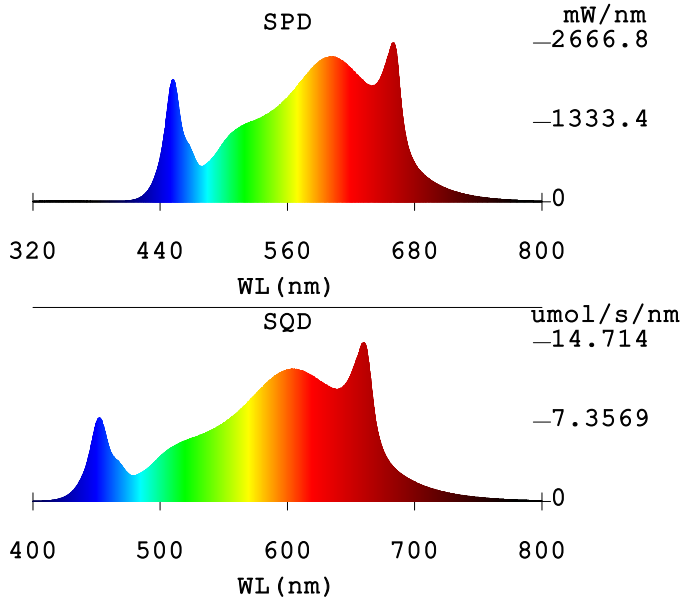


Spectrum Test Report



Plant Parameters:

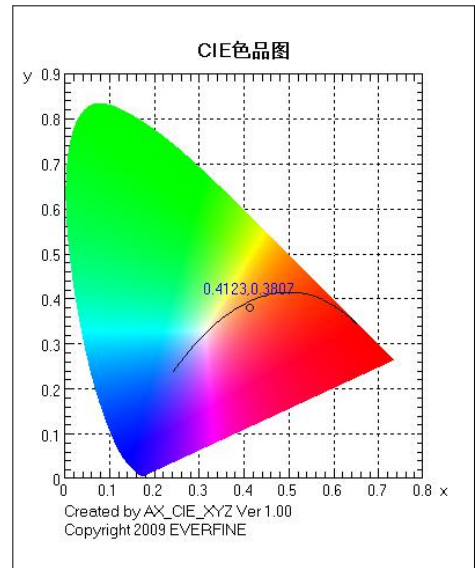
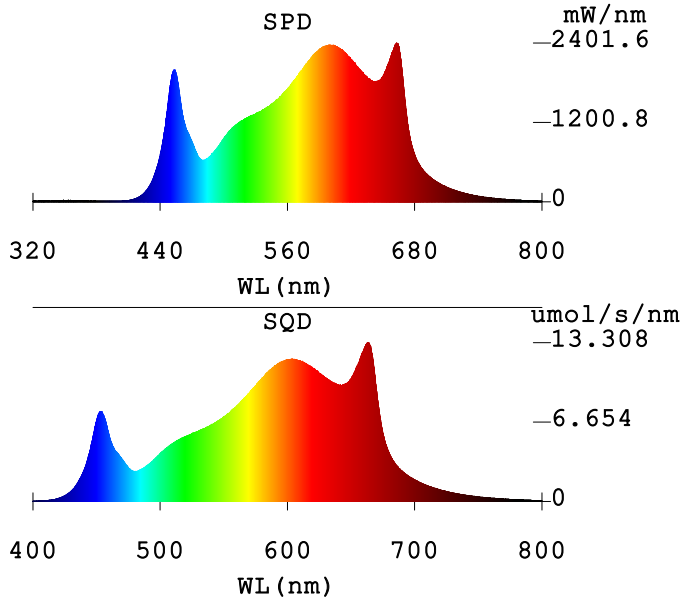
$\Phi_v(lm)$ : 127322	$Q_v(lm.s)$ : 127322
$\Phi_{e,\lambda}(W/nm)$ : 418.7	$Q_e(J)$ : 418.7
$\Phi_e(W)$ : 408.8	$PPE(umol/s/W)$ : 3.094
$\Phi_{rb\_Ratio}$ : 0.01469	$\Phi_{e,b}(W)$ : 418.7
$\Phi_{e,uv}(W)$ : 0.9896	$\Phi_{e,fr}(W)$ : 8.932
$PPF(umol/s)$ : 1966	$PPF(400-500)(umol/s)$ : 267.4
$PPF(500-600)(umol/s)$ : 784.5	$PPF(600-700)(umol/s)$ : 915.6
$Numol(umol)$ : 1966	$\Phi_{p,uv}(umol/s)$ : 8.932
$\Phi_{p,fr}(umol/s)$ : 54.21	$\Phi_r(W)$ : 417.6
$\Phi_{ch-A}(W)$ : 71.27	$Q_{ch-A}(J)$ : 71.27
$\Phi_{ch-B}(W)$ : 76.12	$Q_{ch-B}(J)$ : 76.12
$\Phi_{b-p}(W)$ : 168.5	$Q_{b-p}(J)$ : 168.5
$\Phi_{y-g}(W)$ : 171.4	$Q_{y-g}(J)$ : 171.4
$\Phi_{r-o}(W)$ : 2.476	$Q_{r-o}(J)$ : 2.476

Color Parameters:

Chromaticity Coordinate:  $x=0.4155$   $y=0.3830$   $u'=0.2457$   $v'=0.5095$   
 CCT=3218K(Duv=-0.0054) Dominant WL:Ld=584.3nm Purity=39.6%  
 CCT=3218K(Duv=-0.0054) Dominant WL:Ld=584.3nm Purity=39.6% Peak WL:Lp=660.2nm FWHM=144.8  
 Ra=89.5 R1=89.5 R2=95.9 R3=96.1 R4=87.9 R5=90.1  
 R6=93.5 R7=87.8 R8=75.6 R9=47.1 R10=90.8  
 R11=88.7 R12=79.5 R13=91.5 R14=98.8 R15=86.0  
 Electric:U = 240.73 V I = 2.655 A P = 635.3 W PF = 0.9938 Eff = 200.4 lm/W  
 LEVEL:OUT WHITE:ANSI\_3000K Status: Integral T = 22 ms Ip = 47042 (72%)

Model:LB201018-003 GR640NW00DYFTNumber:蓝0.769/0.91 13.60%PPE LED-L615B  
 Tester:开机0分钟 640W 6模组折叠植物灯 20211109 宽10110:41:32  
 Temperature:25.3Deg Humidity:65.0%  
 Manufacturer:三星3000K混4000K 显指80 RA300PCS 银色散热器 支撑杆 电源盒 英飞特电

Spectrum Test Report



Plant Parameters:

$\Phi_v$ (lm): 123818	$Q_v$ (lm.s): 123818
$\Phi_e, \lambda$ (W/nm): 410.3	$Q_e$ (J): 410.3
$\Phi_e$ (W): 400.2	PPE(umol/s/W): 3.065
$\Phi_{rb}$ _Ratio: 0.0145	$\Phi_e, b$ (W): 410.3
$\Phi_e, uv$ (W): 1.023	$\Phi_e, fr$ (W): 9.058
PPF(umol/s): 1923	PPF(400-500)(umol/s): 270.3
PPF(500-600)(umol/s): 763.9	PPF(600-700)(umol/s): 890.6
Numol(umol): 1923	$\Phi_p, uv$ (umol/s): 9.058
$\Phi_p, fr$ (umol/s): 54.99	$\Phi_r$ (W): 409.2
$\Phi_{ch-A}$ (W): 71.65	$Q_{ch-A}$ (J): 71.65
$\Phi_{ch-B}$ (W): 74.12	$Q_{ch-B}$ (J): 74.12
$\Phi_{b-p}$ (W): 164	$Q_{b-p}$ (J): 164
$\Phi_y-g$ (W): 166.5	$Q_y-g$ (J): 166.5
$\Phi_{r-o}$ (W): 2.38	$Q_{r-o}$ (J): 2.38

Color Parameters:

Chromaticity Coordinate: x=0.4123 y=0.3807 u'=0.2445 v'=0.5081  
 CCT=3266K(Duv=-0.0059) Dominant WL:Ld=584.4nm Purity=38.0%  
 CCT=3266K(Duv=-0.0059) Dominant WL:Ld=584.4nm Purity=38.0% Peak WL:Lp=662.8nm FWHM=158.4  
 Ra=88.9 R1=88.8 R2=95.9 R3=95.7 R4=87.0 R5=89.7  
 R6=93.2 R7=86.8 R8=73.9 R9=44.0 R10=90.7  
 R11=87.5 R12=78.6 R13=91.0 R14=98.6 R15=85.3  
 Electric: U = 240.57 V I = 2.624 A P = 627.5 W PF = 0.9942 Eff = 197.3 lm/W  
 LEVEL:OUT WHITE:ANSI\_3500K Status: Integral T = 22 ms Ip = 45925 (70%)

Model:LB201018-003 GR640NW00DYFTNumber:蓝0.829/0.98 14.05%PPE LED-L615B 欧  
 Tester:开机10分钟 640W 6模组折叠植物灯 20211109 宽10110:52:00  
 Temperature:25.3Deg Humidity:65.0%  
 Manufacturer:三星3000K混4000K 显指80 RA300PCS 银色散热器支撑杆电源盒 英飞特电