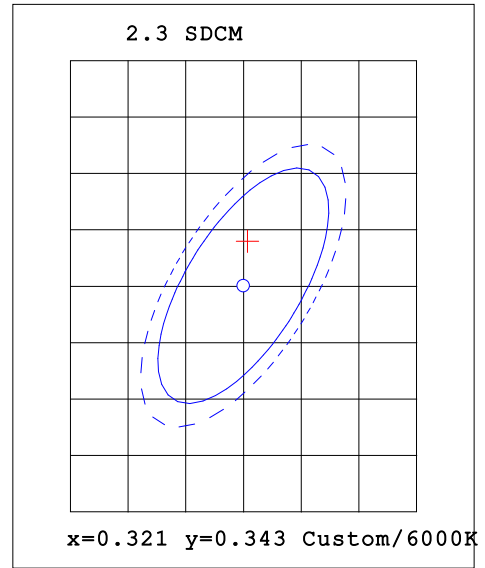
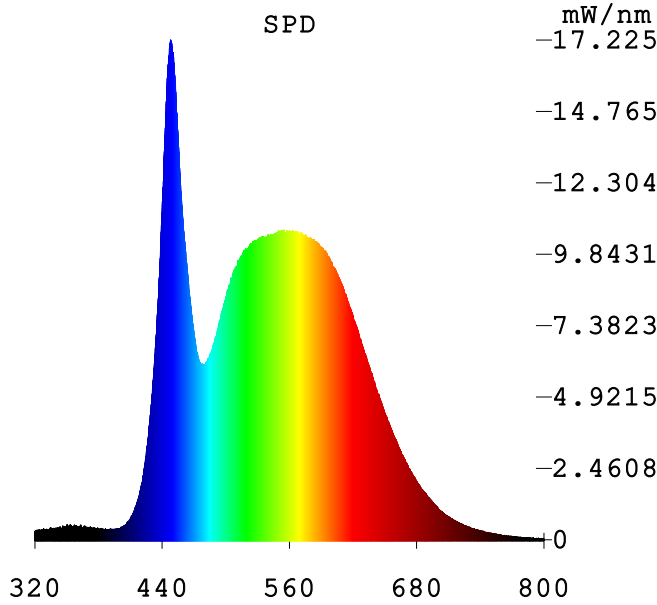


Spectrum Test Report



Plant Parameters

Radiometry System:

$\Phi_v(lm)$ : 701.5	$Q_v(lm.s)$ : 701.5
$\Phi_{e,\lambda}(W)$ : 0.004369	$Q_e(J)$ : 2.203
$\Phi_e(W)$ : 2.272	$\eta_b$ : 0.3431
$\eta_{uv}$ : 0.005032	$\eta_e$ : 0.3328
$\eta_{fr}$ : 0.005339	$\Phi_{rb\_Ratio}$ : 0.6659
$\Phi_{e,b}(W)$ : 2.272	$\Phi_{e,uv}(W)$ : 0.03331
$\Phi_{e,fr}(W)$ : 0.03534	$\Phi_r(W)$ : 2.244
$\Phi_{ch-A}(W)$ : 0.2747	$Q_{ch-A}(J)$ : 0.2747
$\Phi_{ch-B}(W)$ : 0.4954	$Q_{ch-B}(J)$ : 0.4954
$\Phi_{b-p}(W)$ : 1.016	$Q_{b-p}(J)$ : 1.016
$\Phi_{y-g}(W)$ : 0.4791	$Q_{y-g}(J)$ : 0.4791
$\Phi_{r-o}(W)$ : 0.6768	$Q_{r-o}(J)$ : 0.6768

Quantum System:

PPF( $\mu mol/s$ ): 9.926	MQE( $\mu mol/s/w$ ): 1.499
R/FR: 19.14	Numol( $\mu mol$ ): 9.926
PPE( $\mu mol/s/W$ ): 1.499	KFr( $\mu mol/s/W$ ): 0.0325

Color Parameters:

Chromaticity Coordinate:  $x = 0.3214$   $y = 0.3465$   $u' = 0.1973$   $v' = 0.4786$   
 CCT = 5986K (Duv = 0.0078) Dominant WL:Ld = 506.8nm  
 Purity = 3.6% Ratio: R:G:B=13.7:80.9:5.5  
 Ra = 83.3  
 R1 = 80.1 R2 = 87.1 R3 = 93.2 R4 = 83.3 R5 = 82.0  
 R6 = 84.0 R7 = 88.4 R8 = 68.4 R9 = 3.1 R10 = 70.6  
 R11 = 82.7 R12 = 66.8 R13 = 81.8 R14 = 96.4 R15 = 73.8  
 Electric:U = 230.41 V I = 0.05153 A P = 6.621 W PF = 0.5576  
 Eff = 106.0 lm/W Kdisp = 0.8525  
 $\lambda_p = 448.0nm$  FWHM = 28.6nm  
 LEVEL: OUT Status: Integral T = 1730 ms  
 Ip = 49847 (76%)

Model:4  
 Tester:  
 Temperature:25.2Deg  
 Manufacturer:

Number:LLGU10COB38A7KWCW hot  
 Date:2026-01-28 10:46:13  
 Humidity:40.0%  
 Remarks: