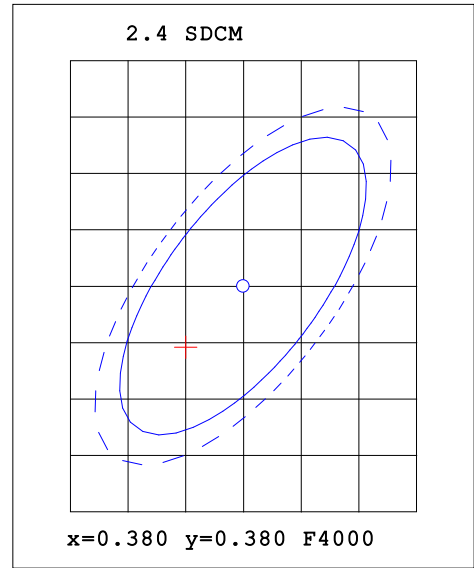
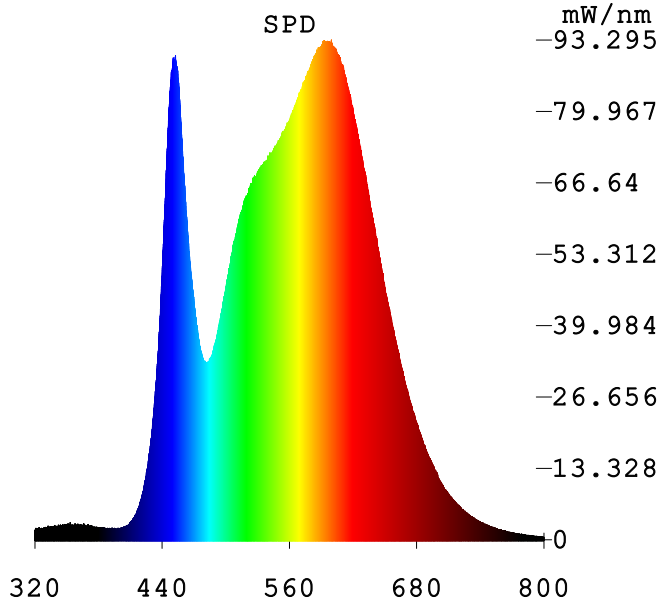


Spectrum Test Report



Plant Parameters

Radiometry System:

$\Phi_v(lm)$ : 5402	$Q_v(lm.s)$ : 5402
$\Phi_{e,\lambda}(W)$ : 0.0324	$Q_e(J)$ : 16.27
$\Phi_e(W)$ : 16.85	$\eta_b$ : 0.3727
$\eta_{uv}$ : 0.004472	$\eta_e$ : 0.36
$\eta_{fr}$ : 0.008205	$\Phi_{rb\_Ratio}$ : 0.1769
$\Phi_{e,b}(W)$ : 16.85	$\Phi_{e,uv}(W)$ : 0.2022
$\Phi_{e,fr}(W)$ : 0.3709	$\Phi_r(W)$ : 16.67
$\Phi_{ch-A}(W)$ : 2.152	$Q_{ch-A}(J)$ : 2.152
$\Phi_{ch-B}(W)$ : 3.24	$Q_{ch-B}(J)$ : 3.24
$\Phi_{b-p}(W)$ : 7.493	$Q_{b-p}(J)$ : 7.493
$\Phi_{y-g}(W)$ : 5.007	$Q_{y-g}(J)$ : 5.007
$\Phi_{r-o}(W)$ : 1.325	$Q_{r-o}(J)$ : 1.325

Quantum System:

PPF( $\mu mol/s$ ): 75.8	MQE( $\mu mol/s/w$ ): 1.676
R/FR: 3.573	Numol( $\mu mol$ ): 75.8
PPE( $\mu mol/s/W$ ): 1.676	KFr( $\mu mol/s/W$ ): 0.04993

Color Parameters:

Chromaticity Coordinate: $x = 0.3750$	$y = 0.3746$	$u' = 0.2224$	$v' = 0.4998$
CCT = 4136K(Duv = 0.0006)	Dominant WL:Ld = 578.2nm	Ratio: R:G:B=18.1:77.9:4.0	
Purity = 24.9%	Ra = 84.9		
R1 = 83.5 R2 = 90.9 R3 = 95.9 R4 = 84.0 R5 = 83.7			
R6 = 87.4 R7 = 86.9 R8 = 66.8 R9 = 13.7 R10 = 77.9			
R11 = 83.4 R12 = 67.1 R13 = 85.5 R14 = 97.9 R15 = 77.2			
Electric:U = 230.34 V I = 0.3239 A P = 45.21 W PF = 0.6060			
Eff = 119.5 lm/W Kdisp = 0.9586			
$\lambda_p = 599.5nm$			
FWHM = 150.9nm			
LEVEL: OUT Status: Integral T = 254 ms			
Ip = 52546 (80%)			

Model:7  
 Tester:  
 Temperature:25.2Deg  
 Manufacturer:

Number:LLR50WMOZSMDWCCT 4000K hot  
 Date:2026-01-27 15:32:36  
 Humidity:40.0%  
 Remarks: