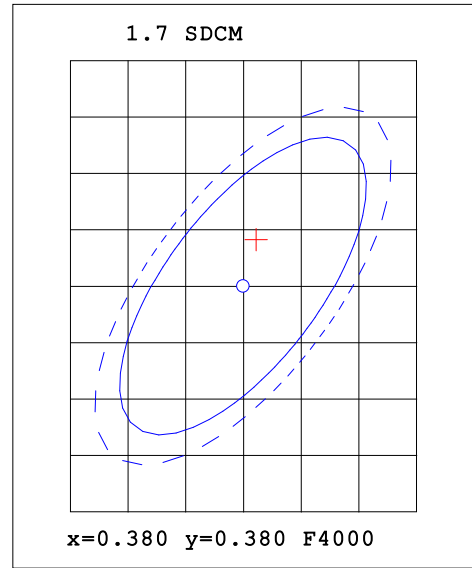
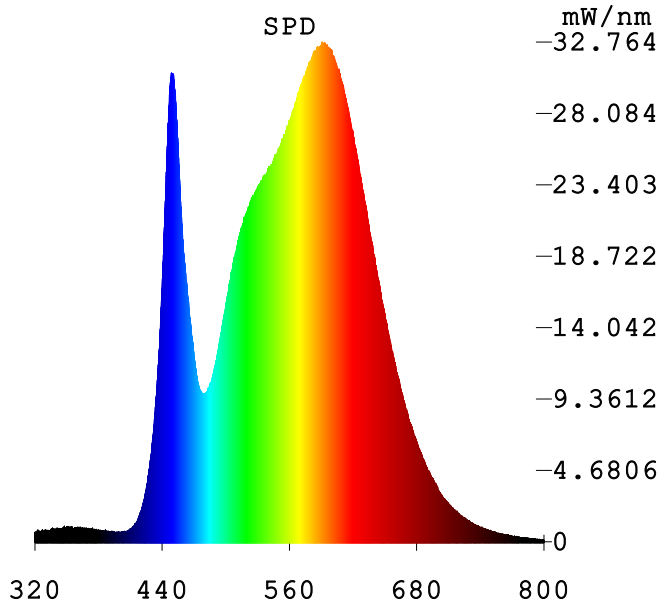


Spectrum Test Report



Plant Parameters

Radiometry System:

$\Phi_v(lm)$ : 1856	$Q_v(lm.s)$ : 1856
$\Phi_{e,\lambda}(W)$ : 0.01071	$Q_e(J)$ : 5.394
$\Phi_e(W)$ : 5.569	$\eta_b$ : 0.3022
$\eta_{uv}$ : 0.003589	$\eta_e$ : 0.2927
$\eta_{fr}$ : 0.005879	$\Phi_{rb\_Ratio}$ : 0.5336
$\Phi_{e,b}(W)$ : 5.569	$\Phi_{e,uv}(W)$ : 0.06615
$\Phi_{e,fr}(W)$ : 0.1083	$\Phi_r(W)$ : 5.512
$\Phi_{ch-A}(W)$ : 0.6921	$Q_{ch-A}(J)$ : 0.6921
$\Phi_{ch-B}(W)$ : 1.043	$Q_{ch-B}(J)$ : 1.043
$\Phi_{b-p}(W)$ : 2.598	$Q_{b-p}(J)$ : 2.598
$\Phi_{y-g}(W)$ : 1.624	$Q_{y-g}(J)$ : 1.624
$\Phi_{r-o}(W)$ : 1.386	$Q_{r-o}(J)$ : 1.386

Quantum System:

PPF( $\mu mol/s$ ): 25.15	MQE( $\mu mol/s/w$ ): 1.365
R/FR: 12.79	Numol( $\mu mol$ ): 25.15
PPE( $\mu mol/s/W$ ): 1.365	KFr( $\mu mol/s/W$ ): 0.03578

Color Parameters:

Chromaticity Coordinate:  $x = 0.3811$   $y = 0.3841$   $u' = 0.2227$   $v' = 0.5049$   
 CCT = 4035K(Duv = 0.0032) Dominant WL:Ld = 577.3nm  
 Purity = 29.7% Ratio: R:G:B=17.6:78.8:3.5  
 Ra = 81.0  
 R1 = 78.3 R2 = 87.5 R3 = 95.1 R4 = 79.9 R5 = 78.8  
 R6 = 83.4 R7 = 85.0 R8 = 60.0 R9 = 0.0 R10 = 71.0  
 R11 = 78.8 R12 = 61.6 R13 = 80.5 R14 = 97.5 R15 = 70.7  
 Electric:U = 230.32 V I = 0.1259 A P = 18.43 W PF = 0.6354  
 Eff = 100.7 lm/W Kdisp = 0.9269  
 $\lambda_p = 590.9nm$  FWHM = 144.0nm  
 LEVEL: OUT Status: Integral T = 582 ms  
 Ip = 51026 (78%)

Model:4  
 Tester:  
 Temperature:25.2Deg  
 Manufacturer:

Number:LLUF018WIP44KORE27SW hot  
 Date:2026-01-27 16:45:25  
 Humidity:40.0%  
 Remarks: