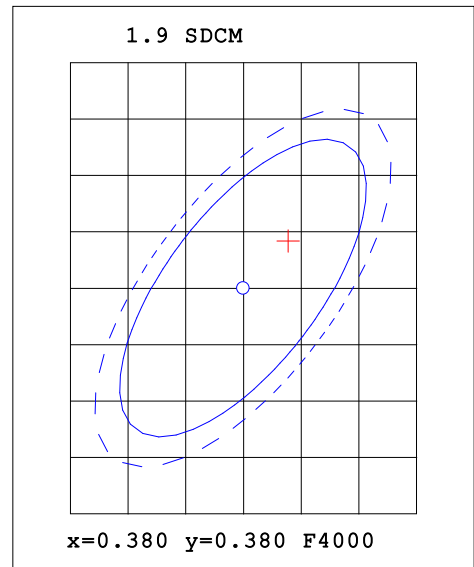
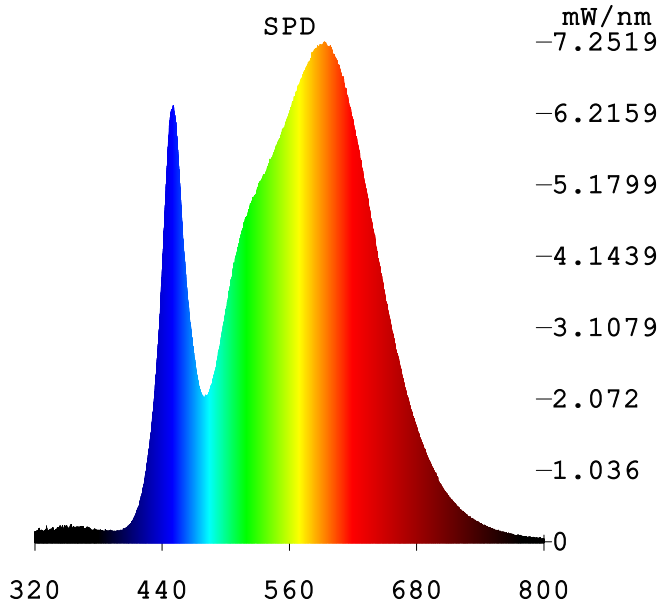


## Spectrum Test Report



## Plant Parameters

## Radiometry System:

 $\Phi_v(\text{lm})$ : 414.4 $\Phi_{e,\lambda}(\text{W})$ : 0.002424 $\Phi_e(\text{W})$ : 1.26 $\eta_{uv}$ : 0.003685 $\eta_{fr}$ : 0.007232 $\Phi_{e,b}(\text{W})$ : 1.26 $\Phi_{e,fr}(\text{W})$ : 0.02879 $\Phi_{ch-A}(\text{W})$ : 0.1643 $\Phi_{ch-B}(\text{W})$ : 0.2327 $\Phi_{b-p}(\text{W})$ : 0.5769 $\Phi_{y-g}(\text{W})$ : 0.3803 $\Phi_{r-o}(\text{W})$ : 1.462

## Quantum System:

PPF( $\mu\text{mol/s}$ ): 5.691

R/FR: 50.8

PPE( $\mu\text{mol/s/W}$ ): 1.429 $Q_v(\text{lm}\cdot\text{s})$ : 414.4 $Q_e(\text{J})$ : 1.217 $\eta_b$ : 0.3166 $\eta_e$ : 0.3057 $\Phi_{rb\_Ratio}$ : 2.535 $\Phi_{e,uv}(\text{W})$ : 0.01467 $\Phi_r(\text{W})$ : 1.247 $Q_{ch-A}(\text{J})$ : 0.1643 $Q_{ch-B}(\text{J})$ : 0.2327 $Q_{b-p}(\text{J})$ : 0.5769 $Q_{y-g}(\text{J})$ : 0.3803 $Q_{r-o}(\text{J})$ : 1.462MQE( $\mu\text{mol/s/w}$ ): 1.429Numol( $\mu\text{mol}$ ): 5.691KFr( $\mu\text{mol/s/W}$ ): 0.04403

## Color Parameters:

Chromaticity Coordinate:  $x = 0.3839$   $y = 0.3842$   $u' = 0.2244$   $v' = 0.5053$ 

CCT = 3962K(Duv = 0.0024)

Dominant WL:Ld = 578.0nm

Purity = 30.5%

Ratio: R:G:B=18.0:78.6:3.4

Ra = 81.4

R1 = 78.9 R2 = 87.4 R3 = 94.4 R4 = 80.4 R5 = 79.2

R6 = 83.1 R7 = 85.7 R8 = 62.1 R9 = 0.7 R10 = 70.4

R11 = 78.8 R12 = 62.7 R13 = 80.8 R14 = 96.9 R15 = 72.2

Electric:U = 230.42 V I = 0.03259 A P = 3.981 W PF = 0.5301

Eff = 104.1 lm/W Kdisp = 0.8160

 $\lambda_p = 592.9\text{nm}$ 

FWHM = 146.6nm

LEVEL: OUT

Status: Integral T = 2676 ms

Ip = 49605 (76%)

Model:4  
 Tester:  
 Temperature:25.2Deg  
 Manufacturer:

Number:LLGU10AP4WNFSWTEJ hot  
 Date:2026-01-28 10:45:12  
 Humidity:40.0%  
 Remarks: