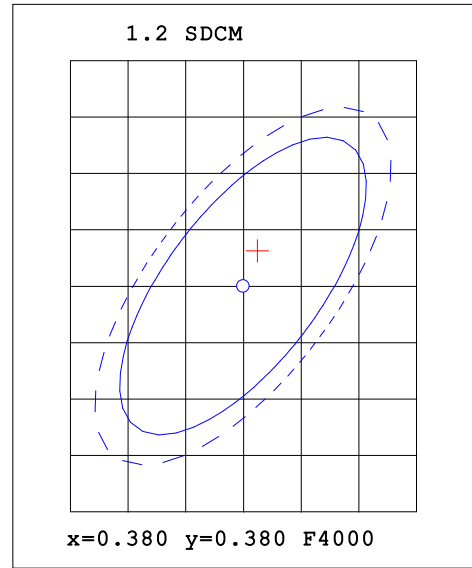
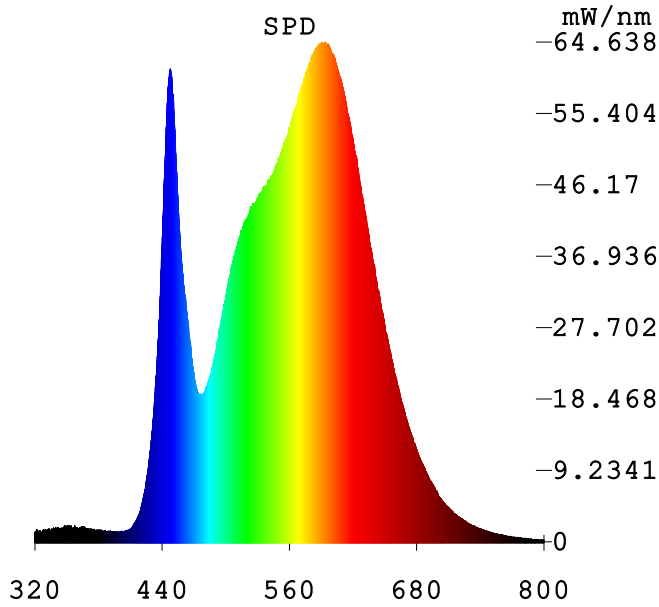


Spectrum Test Report



Plant Parameters

Radiometry System:

$\Phi_v(lm)$: 3616	$Q_v(lm.s)$: 3616
$\Phi_{e,\lambda}(W)$: 0.0208	$Q_e(J)$: 10.49
$\Phi_e(W)$: 10.81	η_b : 0.3184
η_{uv} : 0.003893	η_e : 0.3089
η_{fr} : 0.005584	Φ_{rb_Ratio} : 0.2649
$\Phi_{e,b}(W)$: 10.81	$\Phi_{e,uv}(W)$: 0.1322
$\Phi_{e,fr}(W)$: 0.1897	$\Phi_r(W)$: 10.7
$\Phi_{ch-A}(W)$: 1.349	$Q_{ch-A}(J)$: 1.349
$\Phi_{ch-B}(W)$: 2.004	$Q_{ch-B}(J)$: 2.004
$\Phi_{b-p}(W)$: 5.066	$Q_{b-p}(J)$: 5.066
$\Phi_{y-g}(W)$: 3.111	$Q_{y-g}(J)$: 3.111
$\Phi_{r-o}(W)$: 1.342	$Q_{r-o}(J)$: 1.342

Quantum System:

PPF($\mu mol/s$): 48.86	MQE($\mu mol/s/w$): 1.438
R/FR: 7.077	Numol(μmol): 48.86
PPE($\mu mol/s/W$): 1.438	KFr($\mu mol/s/W$): 0.03397

Color Parameters:

Chromaticity Coordinate: $x = 0.3812$	$y = 0.3831$	$u' = 0.2231$	$v' = 0.5045$
CCT = 4024K(Duv = 0.0027)	Dominant WL:Ld = 577.6nm		
Purity = 29.4%	Ratio: R:G:B=17.6:78.7:3.6		
Ra = 80.8			
R1 = 77.9 R2 = 87.5 R3 = 95.5 R4 = 79.9 R5 = 78.9			
R6 = 83.9 R7 = 84.2 R8 = 58.4 R9 = 0.0 R10 = 71.5			
R11 = 79.1 R12 = 64.7 R13 = 80.1 R14 = 97.7 R15 = 69.8			
Electric:U = 230.27 V I = 0.1549 A P = 33.97 W PF = 0.9526			
Eff = 106.5 lm/W Kdisp = 0.9587			
$\lambda_p = 593.6nm$	FWHM = 143.7nm		
LEVEL: OUT	Status: Integral T = 231 ms		
$I_p = 40177$ (61%)			

Model:4
 Tester:
 Temperature:25.2Deg
 Manufacturer:

Number:LLUFO36WIP44KORE27SW hot
 Date:2026-01-27 16:47:45
 Humidity:40.0%
 Remarks: