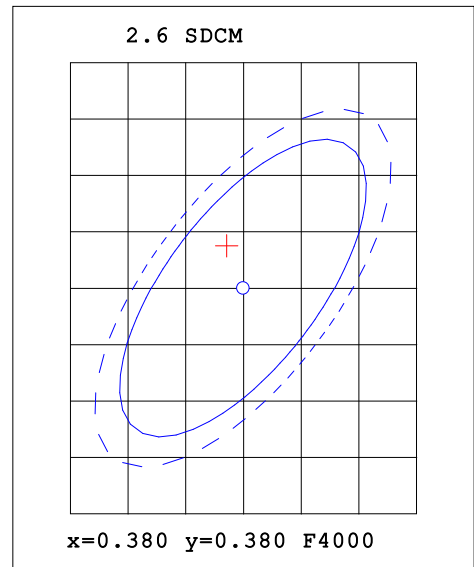
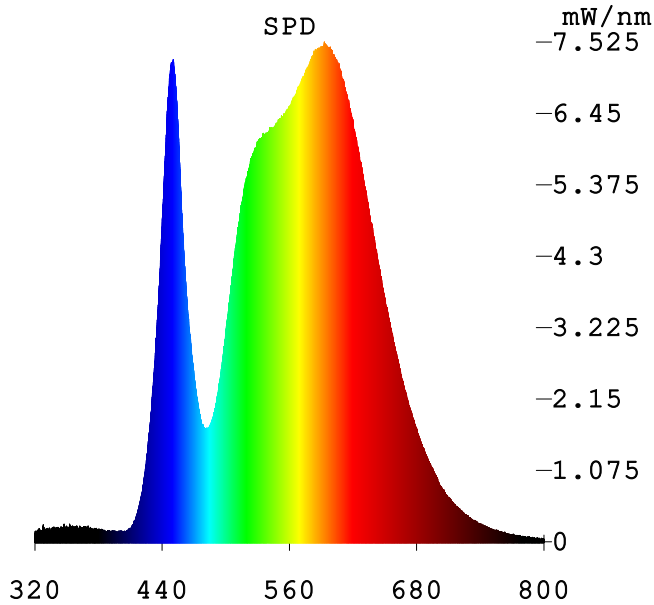


Spectrum Test Report



Plant Parameters

Radiometry System:

 $\Phi_v(\text{lm})$: 440.9 $\Phi_{e,\lambda}(\text{W})$: 0.002554 $\Phi_e(\text{W})$: 1.328 η_{uv} : 0.004 η_{fr} : 0.00748 $\Phi_{e,b}(\text{W})$: 1.328 $\Phi_{e,fr}(\text{W})$: 0.02924 $\Phi_{ch-A}(\text{W})$: 0.1735 $\Phi_{ch-B}(\text{W})$: 0.2517 $\Phi_{b-p}(\text{W})$: 0.62 $\Phi_{y-g}(\text{W})$: 0.3916 $\Phi_{r-o}(\text{W})$: 1.44

Quantum System:

PPF($\mu\text{mol/s}$): 5.987

R/FR: 49.24

PPE($\mu\text{mol/s/W}$): 1.531 $Q_v(\text{lm}\cdot\text{s})$: 440.9 $Q_e(\text{J})$: 1.283 η_b : 0.3397 η_e : 0.3282 Φ_{rb_Ratio} : 2.323 $\Phi_{e,uv}(\text{W})$: 0.01564 $\Phi_r(\text{W})$: 1.314 $Q_{ch-A}(\text{J})$: 0.1735 $Q_{ch-B}(\text{J})$: 0.2517 $Q_{b-p}(\text{J})$: 0.62 $Q_{y-g}(\text{J})$: 0.3916 $Q_{r-o}(\text{J})$: 1.44MQE($\mu\text{mol/s/w}$): 1.531Numol(μmol): 5.987KFr($\mu\text{mol/s/W}$): 0.04554

Color Parameters:

Chromaticity Coordinate: $x = 0.3786$ $y = 0.3837$ $u' = 0.2211$ $v' = 0.5043$

CCT = 4100K(Duv = 0.0038)

Dominant WL:Ld = 576.7nm

Purity = 28.8%

Ratio: R:G:B=17.5:79.5:3.0

Ra = 80.3

R1 = 78.5 R2 = 84.8 R3 = 90.4 R4 = 81.2 R5 = 78.3

R6 = 79.6 R7 = 86.4 R8 = 63.5 R9 = 0.0 R10 = 64.0

R11 = 79.9 R12 = 56.6 R13 = 79.6 R14 = 94.5 R15 = 71.7

Electric:U = 230.42 V I = 0.03251 A P = 3.910 W PF = 0.5220

Eff = 112.8 lm/W Kdisp = 0.8110

 $\lambda_p = 592.9\text{nm}$

FWHM = 144.5nm

LEVEL: OUT

Status: Integral T = 2000 ms

Ip = 38189 (58%)

Model:4
 Tester:
 Temperature:25.2Deg
 Manufacturer:

Number:LLK4W45MME27SW hot
 Date:2026-01-28 10:38:54
 Humidity:40.0%
 Remarks: