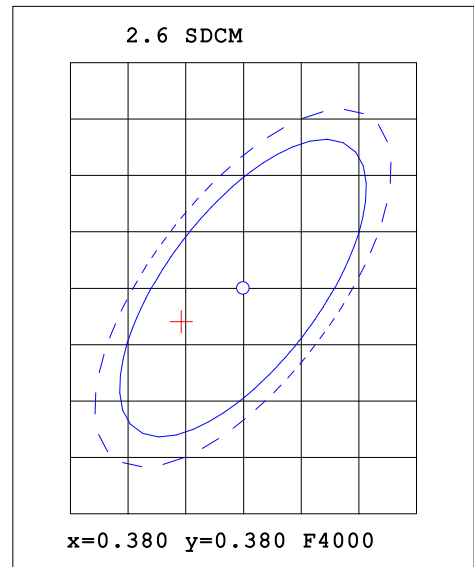
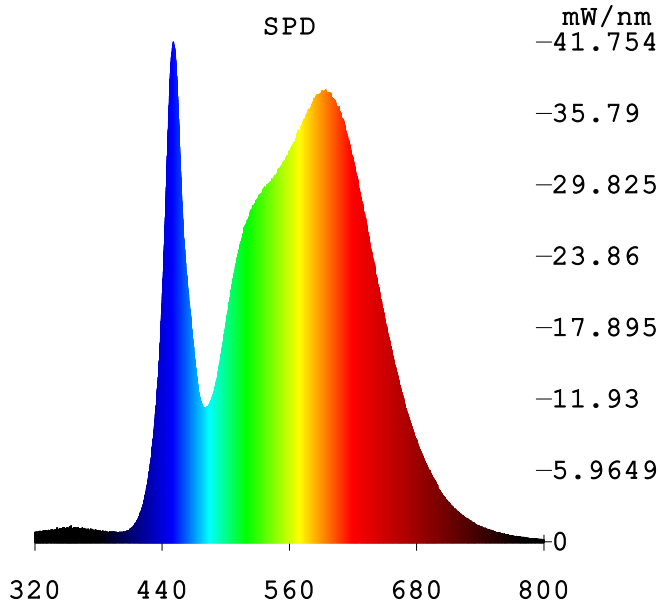


Spectrum Test Report



Plant Parameters

Radiometry System:

 $\Phi_v(\text{lm})$: 2208 $\Phi_{e,\lambda}(\text{W})$: 0.01302 $\Phi_e(\text{W})$: 6.773 η_{uv} : 0.004524 η_{fr} : 0.00795 $\Phi_{e,b}(\text{W})$: 6.773 $\Phi_{e,fr}(\text{W})$: 0.1436 $\Phi_{ch-A}(\text{W})$: 0.8497 $\Phi_{ch-B}(\text{W})$: 1.324 $\Phi_{b-p}(\text{W})$: 3.087 $\Phi_{y-g}(\text{W})$: 1.982 $\Phi_{r-o}(\text{W})$: 1.341

Quantum System:

PPF($\mu\text{mol/s}$): 30.49

R/FR: 9.336

PPE($\mu\text{mol/s/W}$): 1.687 $Q_v(\text{lm}\cdot\text{s})$: 2208 $Q_e(\text{J})$: 6.548 η_b : 0.3748 η_e : 0.3624 Φ_{rb_Ratio} : 0.4344 $\Phi_{e,uv}(\text{W})$: 0.08175 $\Phi_r(\text{W})$: 6.703 $Q_{ch-A}(\text{J})$: 0.8497 $Q_{ch-B}(\text{J})$: 1.324 $Q_{b-p}(\text{J})$: 3.087 $Q_{y-g}(\text{J})$: 1.982 $Q_{r-o}(\text{J})$: 1.341MQE($\mu\text{mol/s/w}$): 1.687Numol(μmol): 30.49KFr($\mu\text{mol/s/W}$): 0.04838

Color Parameters:

Chromaticity Coordinate: $x = 0.3746$ $y = 0.3770$ $u' = 0.2212$ $v' = 0.5008$

CCT = 4163K(Duv = 0.0019)

Dominant WL:Ld = 577.4nm

Purity = 25.6%

Ratio: R:G:B=17.7:78.7:3.6

Ra = 82.8

R1 = 81.0 R2 = 88.3 R3 = 94.0 R4 = 82.4 R5 = 81.1

R6 = 84.0 R7 = 86.8 R8 = 65.0 R9 = 6.7 R10 = 72.0

R11 = 81.4 R12 = 61.0 R13 = 82.8 R14 = 96.7 R15 = 74.6

Electric:U = 230.33 V I = 0.1387 A P = 18.07 W PF = 0.5655

Eff = 122.3 lm/W Kdisp = 0.9548

 $\lambda_p = 450.4\text{nm}$

FWHM = 24.3nm

LEVEL: OUT

Status: Integral T = 496 ms

Ip = 50091 (76%)

Model:4
 Tester:
 Temperature:25.2Deg
 Manufacturer:

Number:LLUFO20WIP54KORSW hot
 Date:2026-01-27 16:50:46
 Humidity:40.0%
 Remarks: