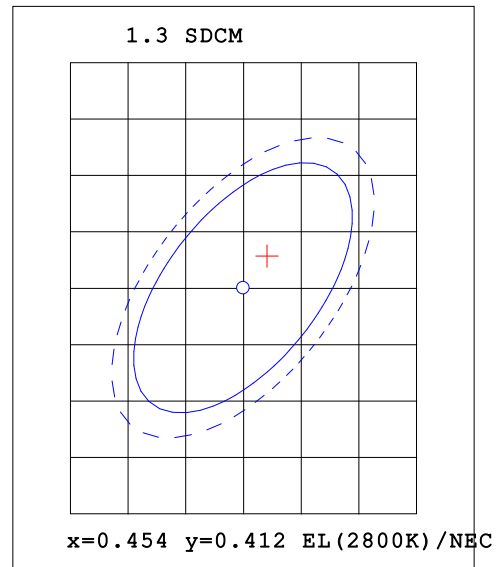
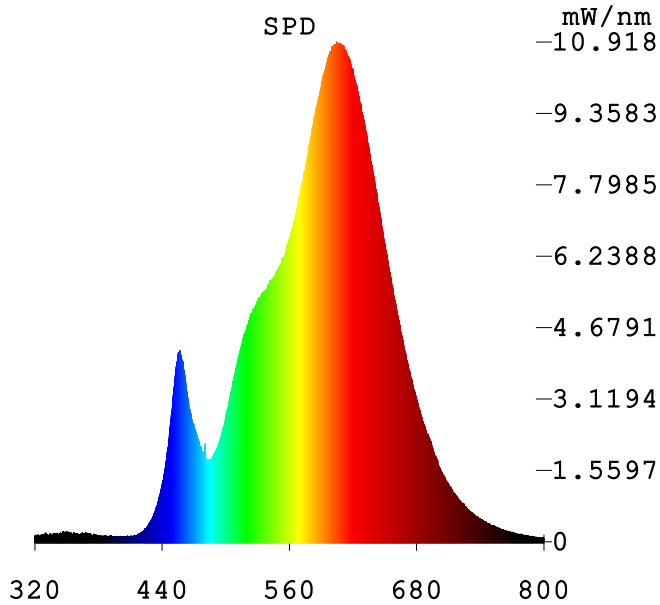


Spectrum Test Report



Plant Parameters

Radiometry System:

 $\Phi_v(\text{lm})$: 501.1 $\Phi_{e,\lambda}(\text{W})$: 0.002965 $\Phi_e(\text{W})$: 1.542 η_{uv} : 0.003253 η_{fr} : 0.01386 $\Phi_{e,b}(\text{W})$: 1.542 $\Phi_{e,fr}(\text{W})$: 0.05416 $\Phi_{ch-A}(\text{W})$: 0.2249 $\Phi_{ch-B}(\text{W})$: 0.2327 $\Phi_{b-p}(\text{W})$: 0.6507 $\Phi_{y-g}(\text{W})$: 0.6575 $\Phi_{r-o}(\text{W})$: 3.933

Quantum System:

PPF($\mu\text{mol/s}$): 7.186

R/FR: 72.61

PPE($\mu\text{mol/s/W}$): 1.839 $Q_v(\text{lm}\cdot\text{s})$: 501.1 $Q_e(\text{J})$: 1.475 η_b : 0.3947 η_e : 0.3775 Φ_{rb_Ratio} : 6.044 $\Phi_{e,uv}(\text{W})$: 0.01271 $\Phi_r(\text{W})$: 1.529 $Q_{ch-A}(\text{J})$: 0.2249 $Q_{ch-B}(\text{J})$: 0.2327 $Q_{b-p}(\text{J})$: 0.6507 $Q_{y-g}(\text{J})$: 0.6575 $Q_{r-o}(\text{J})$: 3.933MQE($\mu\text{mol/s/w}$): 1.839Numol(μmol): 7.186KFr($\mu\text{mol/s/W}$): 0.08438

Color Parameters:

Chromaticity Coordinate: $x = 0.4561$ $y = 0.4148$ $u' = 0.2582$ $v' = 0.5284$

CCT = 2787K(Duv = 0.0019)

Dominant WL:Ld = 583.2nm

Purity = 61.4%

Ratio: R:G:B=24.6:73.2:2.2

Ra = 83.6

R1 = 82.5 R2 = 91.8 R3 = 97.0 R4 = 82.1 R5 = 82.3

R6 = 91.3 R7 = 83.0 R8 = 59.1 R9 = 9.0 R10 = 81.1

R11 = 82.3 R12 = 72.0 R13 = 84.8 R14 = 99.3 R15 = 73.8

Electric:U = 230.43 V I = 0.03008 A P = 3.907 W PF = 0.5637

Eff = 128.3 lm/W Kdisp = 0.9543

 $\lambda_p = 604.8\text{nm}$

FWHM = 123.2nm

LEVEL: OUT

Status: Integral T = 1542 ms

Ip = 41072 (63%)

Model:4
 Tester:
 Temperature:25.2Deg
 Manufacturer:

Number:LLGYFIL4WE14K2700 hot
 Date:2026-01-28 10:51:41
 Humidity:40.0%
 Remarks: