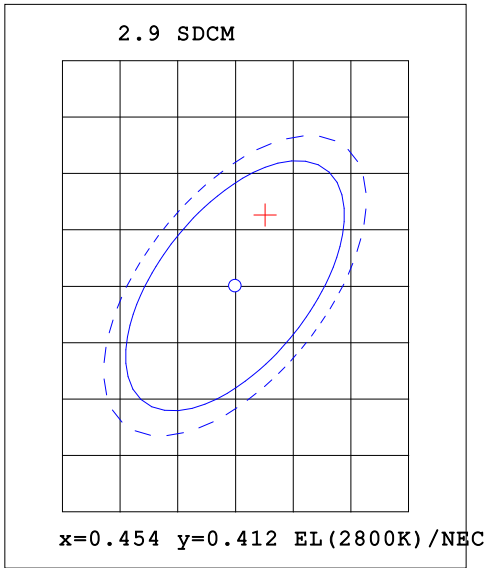
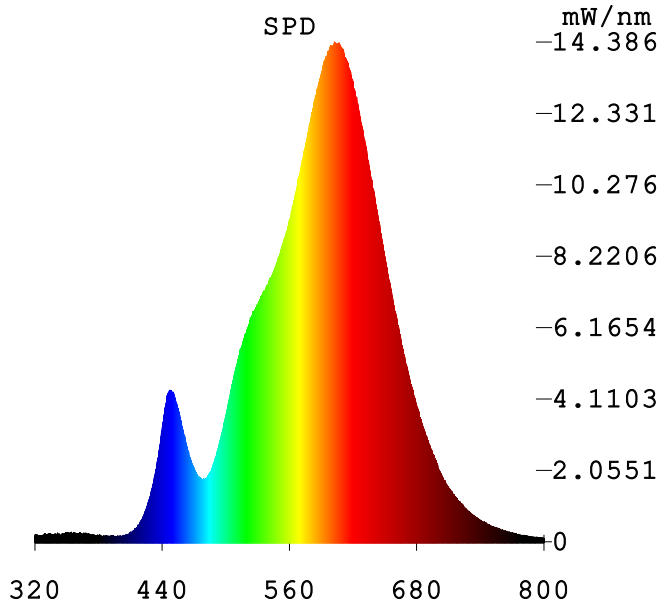


Spectrum Test Report



Plant Parameters

Radiometry System:

$\Phi_v(lm)$: 670.3	$Q_v(lm.s)$: 670.3
$\Phi_{e,\lambda}(W)$: 0.003883	$Q_e(J)$: 1.934
$\Phi_e(W)$: 2.019	η_b : 0.3067
η_{uv} : 0.002598	η_e : 0.2937
η_{fr} : 0.01035	Φ_{rb_Ratio} : 4.489
$\Phi_{e,b}(W)$: 2.019	$\Phi_{e,uv}(W)$: 0.0171
$\Phi_{e,fr}(W)$: 0.06816	$\Phi_r(W)$: 2.002
$\Phi_{ch-A}(W)$: 0.3	$Q_{ch-A}(J)$: 0.3
$\Phi_{ch-B}(W)$: 0.2973	$Q_{ch-B}(J)$: 0.2973
$\Phi_{b-p}(W)$: 0.8814	$Q_{b-p}(J)$: 0.8814
$\Phi_{y-g}(W)$: 0.8402	$Q_{y-g}(J)$: 0.8402
$\Phi_{r-o}(W)$: 3.957	$Q_{r-o}(J)$: 3.957

Quantum System:

PPF($\mu mol/s$): 9.403	MQE($\mu mol/s/w$): 1.428
R/FR: 58.05	Numol(μmol): 9.403
PPE($\mu mol/s/W$): 1.428	KFr($\mu mol/s/W$): 0.06303

Color Parameters:

Chromaticity Coordinate: $x = 0.4566$ $y = 0.4183$ $u' = 0.2570$ $v' = 0.5298$
 CCT = 2806K(Duv = 0.0031) Dominant WL:Ld = 582.7nm
 Purity = 62.6% Ratio: R:G:B=23.8:74.4:1.9
 Ra = 80.2
 R1 = 77.6 R2 = 87.7 R3 = 97.4 R4 = 78.9 R5 = 77.5
 R6 = 85.4 R7 = 82.5 R8 = 54.7 R9 = 0.0 R10 = 72.5
 R11 = 77.9 R12 = 67.3 R13 = 79.6 R14 = 98.6 R15 = 69.0
 Electric:U = 230.40 V I = 0.05131 A P = 6.583 W PF = 0.5569
 Eff = 101.8 lm/W Kdisp = 0.8512
 $\lambda_p = 602.5nm$ FWHM = 121.4nm
 LEVEL: OUT Status: Integral T = 1542 ms
 Ip = 54431 (83%)

Model:4
 Tester:
 Temperature:25.2Deg
 Manufacturer:

Number:LLGU10COB38A7WK2700 hot
 Date:2026-01-28 10:47:58
 Humidity:40.0%
 Remarks: