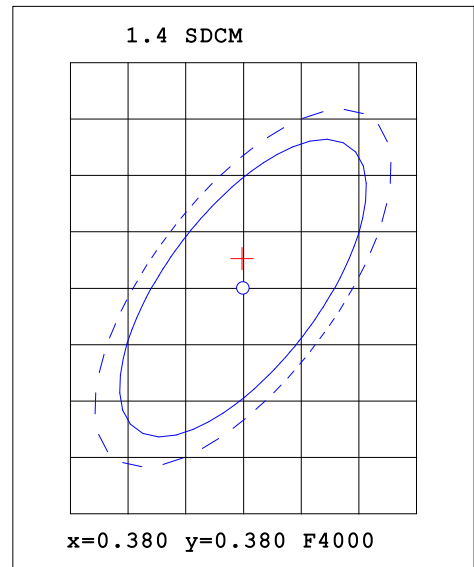
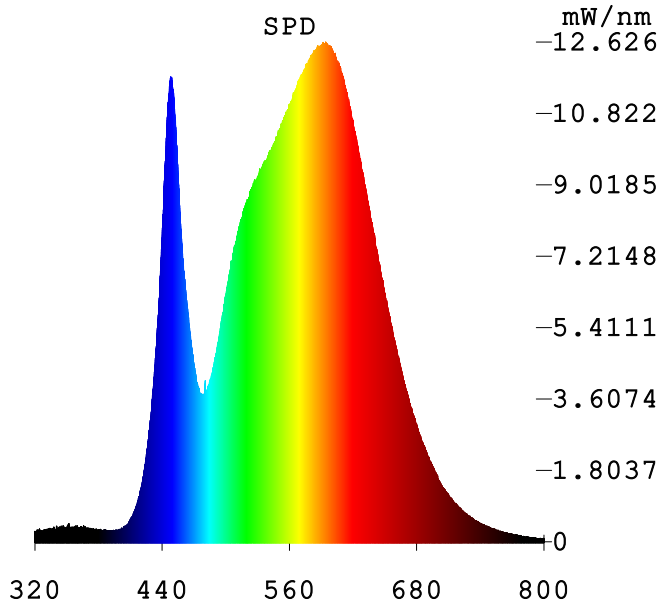


Spectrum Test Report



Plant Parameters

Radiometry System:

 $\Phi_v(\text{lm}): 734$ $\Phi_{e,\lambda}(\text{W}): 0.004319$ $\Phi_e(\text{W}): 2.246$ $\eta_{uv}: 0.004069$ $\eta_{fr}: 0.007852$ $\Phi_{e,b}(\text{W}): 2.246$ $\Phi_{e,fr}(\text{W}): 0.05146$ $\Phi_{ch-A}(\text{W}): 0.297$ $\Phi_{ch-B}(\text{W}): 0.4142$ $\Phi_{b-p}(\text{W}): 1.025$ $\Phi_{y-g}(\text{W}): 0.666$ $\Phi_{r-o}(\text{W}): 1.397$

Quantum System:

PPF($\mu\text{mol/s}$): 10.11

R/FR: 27.16

PPE($\mu\text{mol/s/W}$): 1.542 $Q_v(\text{lm}\cdot\text{s}): 734$ $Q_e(\text{J}): 2.168$ $\eta_b: 0.3427$ $\eta_e: 0.3308$ $\Phi_{rb_Ratio}: 1.362$ $\Phi_{e,uv}(\text{W}): 0.02667$ $\Phi_r(\text{W}): 2.223$ $Q_{ch-A}(\text{J}): 0.297$ $Q_{ch-B}(\text{J}): 0.4142$ $Q_{b-p}(\text{J}): 1.025$ $Q_{y-g}(\text{J}): 0.666$ $Q_{r-o}(\text{J}): 1.397$ MQE($\mu\text{mol/s/w}$): 1.542Numol(μmol): 10.11KFr($\mu\text{mol/s/W}$): 0.0478

Color Parameters:

Chromaticity Coordinate: $x = 0.3799$ $y = 0.3826$ $u' = 0.2224$ $v' = 0.5041$

CCT = 4055K(Duv = 0.0029)

Dominant WL:Ld = 577.4nm

Purity = 28.8%

Ratio: R:G:B=17.7:78.8:3.5

Ra = 81.7

R1 = 79.2 R2 = 87.1 R3 = 94.1 R4 = 81.4 R5 = 79.7

R6 = 83.0 R7 = 86.2 R8 = 63.2 R9 = 2.0 R10 = 70.0

R11 = 80.1 R12 = 64.0 R13 = 80.9 R14 = 96.7 R15 = 72.5

Electric:U = 230.43 V I = 0.05121 A P = 6.554 W PF = 0.5554

Eff = 112.0 lm/W Kdisp = 0.8477

 $\lambda_p = 594.2\text{nm}$

FWHM = 149.6nm

LEVEL: OUT

Status: Integral T = 1542 ms

Ip = 49624 (76%)

Model:4
 Tester:
 Temperature:25.2Deg
 Manufacturer:

Number:LLGU10COB38A7WKS hot
 Date:2026-01-28 10:47:10
 Humidity:40.0%
 Remarks: