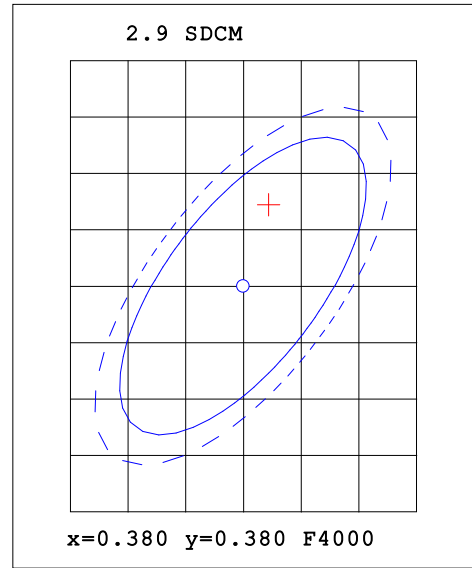
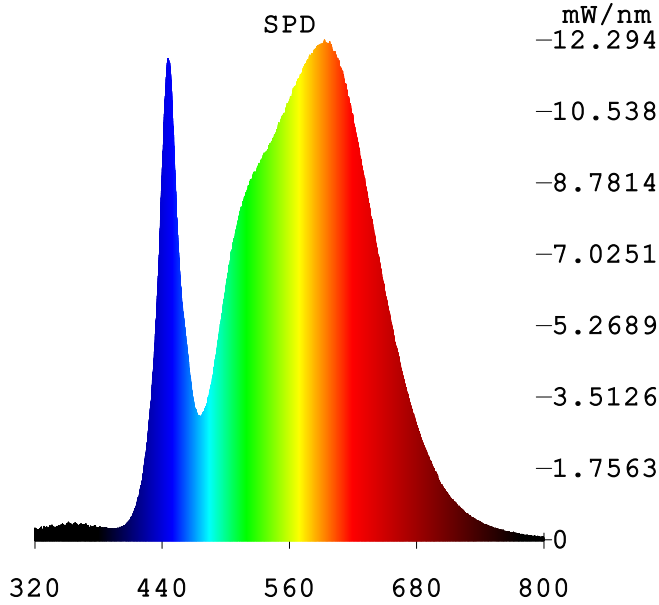


Spectrum Test Report



Plant Parameters

Radiometry System:

$\Phi_v(lm)$: 717.9	$Q_v(lm.s)$: 717.9
$\Phi_{e,\lambda}(W)$: 0.00418	$Q_e(J)$: 2.099
$\Phi_e(W)$: 2.173	η_b : 0.31
η_{uv} : 0.003747	η_e : 0.2994
η_{fr} : 0.006836	Φ_{rb_Ratio} : 1.446
$\Phi_{e,b}(W)$: 2.173	$\Phi_{e,uv}(W)$: 0.02627
$\Phi_{e,fr}(W)$: 0.04793	$\Phi_r(W)$: 2.151
$\Phi_{ch-A}(W)$: 0.2914	$Q_{ch-A}(J)$: 0.2914
$\Phi_{ch-B}(W)$: 0.3895	$Q_{ch-B}(J)$: 0.3895
$\Phi_{b-p}(W)$: 1.007	$Q_{b-p}(J)$: 1.007
$\Phi_{y-g}(W)$: 0.6474	$Q_{y-g}(J)$: 0.6474
$\Phi_{r-o}(W)$: 1.458	$Q_{r-o}(J)$: 1.458

Quantum System:

PPF($\mu mol/s$): 9.8	MQE($\mu mol/s/w$): 1.397
R/FR: 30.42	Numol(μmol): 9.8
PPE($\mu mol/s/W$): 1.397	KFr($\mu mol/s/W$): 0.04161

Color Parameters:

Chromaticity Coordinate: $x = 0.3822$ $y = 0.3872$ $u' = 0.2221$ $v' = 0.5064$
 CCT = 4028K(Duv = 0.0043) Dominant WL:Ld = 576.8nm
 Purity = 30.9% Ratio: R:G:B=17.7:79.1:3.3
 Ra = 81.0
 R1 = 78.4 R2 = 85.5 R3 = 92.8 R4 = 81.6 R5 = 79.0
 R6 = 81.4 R7 = 86.2 R8 = 62.9 R9 = 0.0 R10 = 67.0
 R11 = 80.7 R12 = 63.3 R13 = 79.6 R14 = 96.0 R15 = 71.2
 Electric:U = 11.999 V I = 0.5843 A P = 7.011 W PF = 1.000
 Eff = 102.4 lm/W Kdisp = 0
 $\lambda_p = 593.2nm$ FWHM = 149.9nm
 LEVEL: OUT Status: Integral T = 1442 ms
 Ip = 45226 (69%)

Model:4
 Tester:
 Temperature:25.2Deg
 Manufacturer:

Number:LLMR16NF12V38A7WKS cold
 Date:2026-01-27 17:12:13
 Humidity:40.0%
 Remarks: