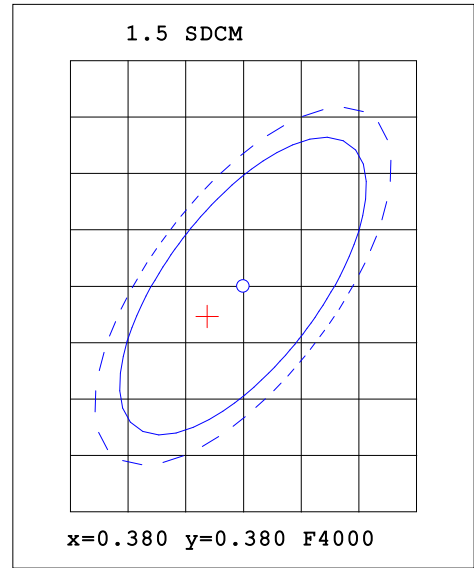
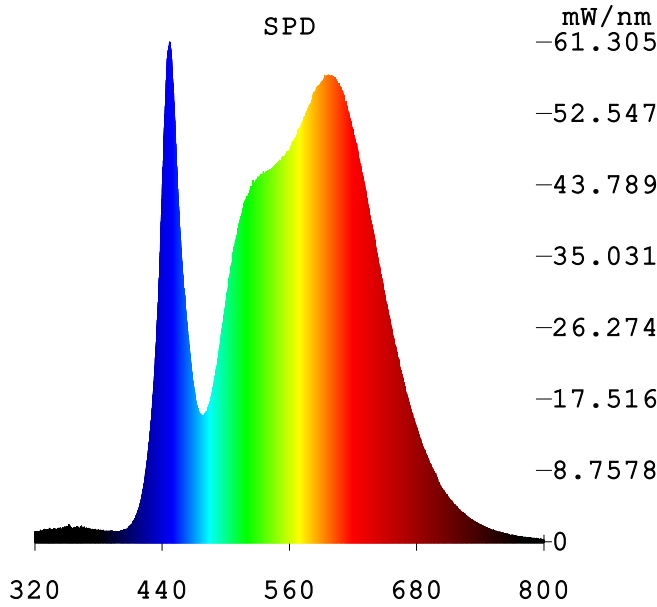


Spectrum Test Report



Plant Parameters

Radiometry System:

$\Phi_v(lm)$: 3358	$Q_v(lm.s)$: 3358
$\Phi_{e,\lambda}(W)$: 0.02007	$Q_e(J)$: 10.08
$\Phi_e(W)$: 10.44	η_b : 0.3796
η_{uv} : 0.004555	η_e : 0.3666
η_{fr} : 0.008456	Φ_{rb_Ratio} : 0.3023
$\Phi_{e,b}(W)$: 10.44	$\Phi_{e,uv}(W)$: 0.1252
$\Phi_{e,fr}(W)$: 0.2325	$\Phi_r(W)$: 10.33
$\Phi_{ch-A}(W)$: 1.387	$Q_{ch-A}(J)$: 1.387
$\Phi_{ch-B}(W)$: 1.969	$Q_{ch-B}(J)$: 1.969
$\Phi_{b-p}(W)$: 4.689	$Q_{b-p}(J)$: 4.689
$\Phi_{y-g}(W)$: 3.162	$Q_{y-g}(J)$: 3.162
$\Phi_{r-o}(W)$: 1.417	$Q_{r-o}(J)$: 1.417

Quantum System:

PPF($\mu mol/s$): 47	MQE($\mu mol/s/w$): 1.709
R/FR: 6.096	Numol(μmol): 47
PPE($\mu mol/s/W$): 1.709	KFr($\mu mol/s/W$): 0.05145

Color Parameters:

Chromaticity Coordinate: $x = 0.3769$ $y = 0.3773$ $u' = 0.2226$ $v' = 0.5013$
 CCT = 4102K(Duv = 0.0013) Dominant WL:Ld = 577.9nm
 Purity = 26.3% Ratio: R:G:B=18.3:78.3:3.5
 Ra = 84.7
 R1 = 83.8 R2 = 88.6 R3 = 93.1 R4 = 86.1 R5 = 84.0
 R6 = 85.3 R7 = 87.8 R8 = 69.0 R9 = 16.3 R10 = 73.4
 R11 = 86.5 R12 = 67.4 R13 = 84.8 R14 = 96.0 R15 = 77.4
 Electric:U = 230.36 V I = 0.2087 A P = 27.50 W PF = 0.5721
 Eff = 122.1 lm/W Kdisp = 0.8695
 $\lambda_p = 447.2nm$ FWHM = 24.3nm
 LEVEL: OUT Status: Integral T = 293 ms
 $I_p = 40483$ (62%)

Model:7
 Tester:
 Temperature:25.2Deg
 Manufacturer:

Number:LLR30WMOZSMDWCCT 4000K hot
 Date:2026-01-27 15:27:53
 Humidity:40.0%
 Remarks: