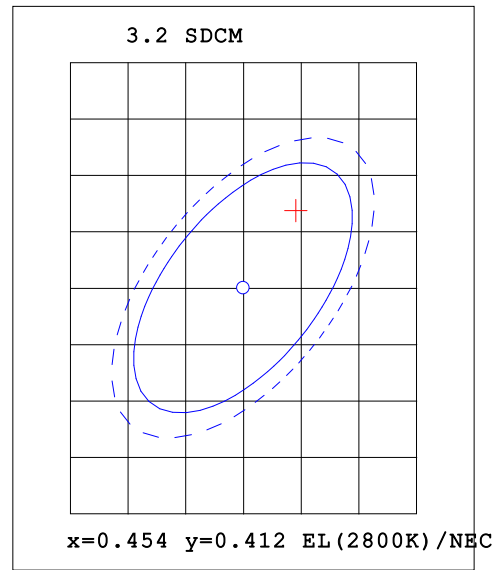
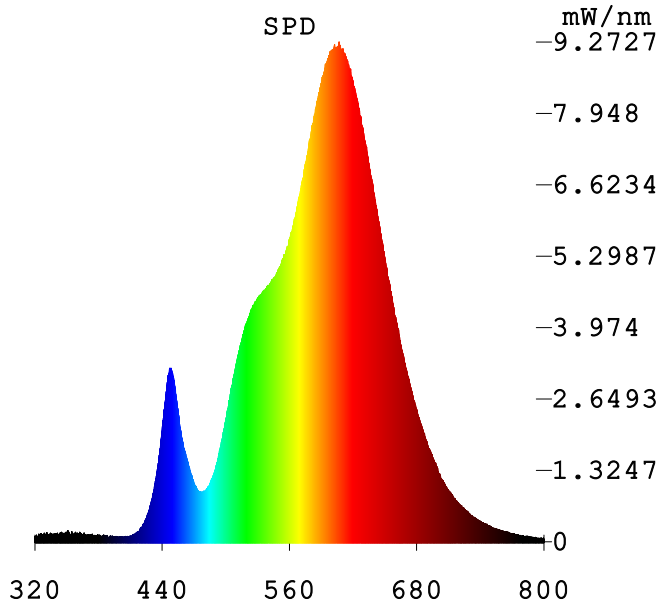


Spectrum Test Report



Plant Parameters

Radiometry System:

$\Phi_v(lm)$: 423.3	$Q_v(lm.s)$: 423.3
$\Phi_{e,\lambda}(W)$: 0.002449	$Q_e(J)$: 1.221
$\Phi_e(W)$: 1.273	η_b : 0.3231
η_{uv} : 0.002759	η_e : 0.3098
η_{fr} : 0.01051	Φ_{rb_Ratio} : 7.635
$\Phi_{e,b}(W)$: 1.273	$\Phi_{e,uv}(W)$: 0.01087
$\Phi_{e,fr}(W)$: 0.04144	$\Phi_r(W)$: 1.263
$\Phi_{ch-A}(W)$: 0.188	$Q_{ch-A}(J)$: 0.188
$\Phi_{ch-B}(W)$: 0.1891	$Q_{ch-B}(J)$: 0.1891
$\Phi_{b-p}(W)$: 0.5561	$Q_{b-p}(J)$: 0.5561
$\Phi_{y-g}(W)$: 0.5383	$Q_{y-g}(J)$: 0.5383
$\Phi_{r-o}(W)$: 4.246	$Q_{r-o}(J)$: 4.246

Quantum System:

PPF(umol/s): 5.945	MQE(umol/s/w): 1.508
R/FR: 102.4	Numol(umol): 5.945
PPE(umol/s/W): 1.508	KFr(umol/s/W): 0.06399

Color Parameters:

Chromaticity Coordinate: $x = 0.4586$ $y = 0.4189$ $u' = 0.2580$ $v' = 0.5303$
 CCT = 2782K(Duv = 0.0031) Dominant WL:Ld = 582.8nm
 Purity = 63.4% Ratio: R:G:B=24.2:74.0:1.7
 Ra = 81.7
 R1 = 79.6 R2 = 88.4 R3 = 97.5 R4 = 81.8 R5 = 79.5
 R6 = 86.9 R7 = 83.2 R8 = 56.5 R9 = 0.1 R10 = 74.1
 R11 = 82.4 R12 = 68.3 R13 = 81.4 R14 = 98.4 R15 = 70.4
 Electric:U = 230.41 V I = 0.03277 A P = 3.942 W PF = 0.5220
 Eff = 107.4 lm/W Kdisp = 0.8023
 $\lambda_p = 606.8nm$ FWHM = 122.7nm
 LEVEL: OUT Status: Integral T = 2000 ms
 Ip = 45051 (69%)

Model:4
 Tester:
 Temperature:25.2Deg
 Manufacturer:

Number:LLK4W45MME14K2700 hot
 Date:2026-01-28 10:37:15
 Humidity:40.0%
 Remarks: