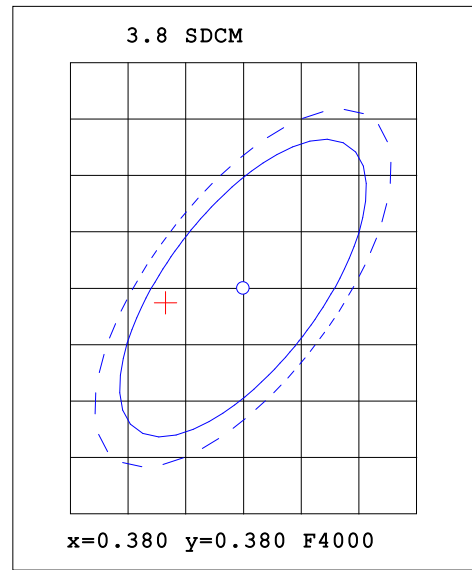
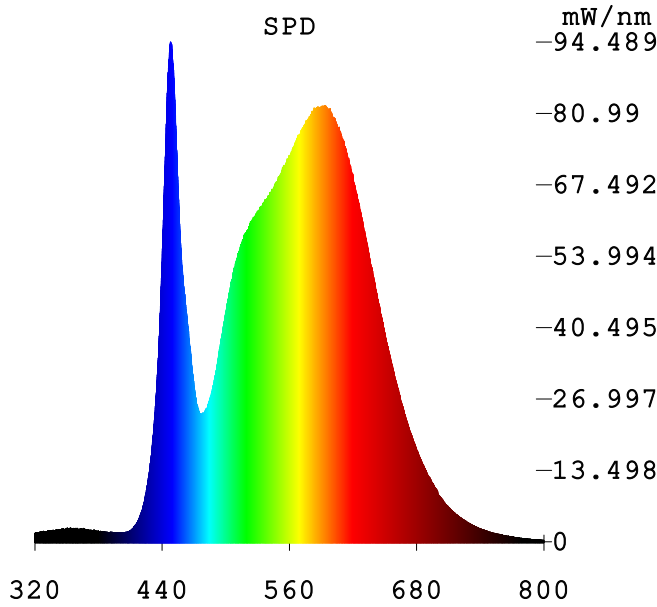


Spectrum Test Report



Plant Parameters

Radiometry System:

$\Phi_v(lm)$: 4872	$Q_v(lm.s)$: 4872
$\Phi_{e,\lambda}(W)$: 0.02847	$Q_e(J)$: 14.34
$\Phi_e(W)$: 14.8	η_b : 0.3367
η_{uv} : 0.004064	η_e : 0.3262
η_{fr} : 0.006432	Φ_{rb_Ratio} : 0.1896
$\Phi_{e,b}(W)$: 14.8	$\Phi_{e,uv}(W)$: 0.1787
$\Phi_{e,fr}(W)$: 0.2828	$\Phi_r(W)$: 14.65
$\Phi_{ch-A}(W)$: 1.846	$Q_{ch-A}(J)$: 1.846
$\Phi_{ch-B}(W)$: 2.848	$Q_{ch-B}(J)$: 2.848
$\Phi_{b-p}(W)$: 6.851	$Q_{b-p}(J)$: 6.851
$\Phi_{y-g}(W)$: 4.232	$Q_{y-g}(J)$: 4.232
$\Phi_{r-o}(W)$: 1.299	$Q_{r-o}(J)$: 1.299

Quantum System:

PPF($\mu mol/s$): 66.66	MQE($\mu mol/s/w$): 1.516
R/FR: 4.593	Numol(μmol): 66.66
PPE($\mu mol/s/W$): 1.516	KFr($\mu mol/s/W$): 0.03912

Color Parameters:

Chromaticity Coordinate: $x = 0.3733$	$y = 0.3787$	$u' = 0.2196$	$v' = 0.5014$
CCT = 4213K(Duv = 0.0031)	Dominant WL:Ld = 576.5nm		
Purity = 25.7%	Ratio: R:G:B=17.3:79.1:3.6		
Ra = 81.9			
R1 = 79.4 R2 = 87.1 R3 = 94.0 R4 = 81.6 R5 = 80.0			
R6 = 82.9 R7 = 86.4 R8 = 63.5 R9 = 1.5 R10 = 70.3			
R11 = 80.8 R12 = 61.7 R13 = 81.1 R14 = 96.8 R15 = 72.6			
Electric:U = 230.33 V I = 0.3552 A P = 43.96 W PF = 0.5373			
Eff = 110.8 lm/W Kdisp = 0.9604			
$\lambda_p = 447.9nm$	FWHM = 22.1nm		
LEVEL: OUT	Status: Integral T = 171 ms		
$I_p = 37910$ (58%)			

Model:4
 Tester:
 Temperature:25.2Deg
 Manufacturer:

Number:LLPBL30X120CM40WSW hot
 Date:2026-01-27 16:20:12
 Humidity:40.0%
 Remarks: