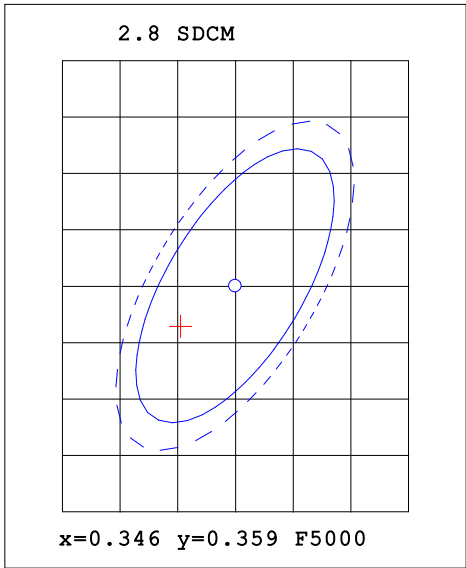
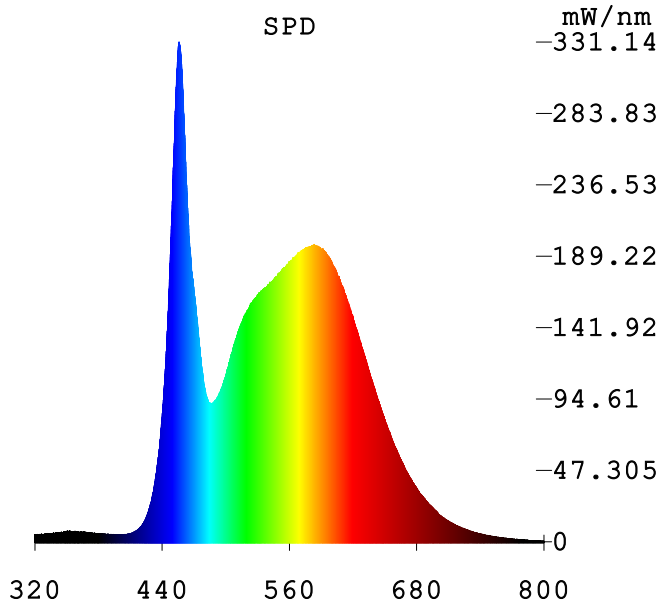


Spectrum Test Report



Plant Parameters

Radiometry System:

$\Phi_v(lm)$: 12152	$Q_v(lm.s)$: 12152
$\Phi_{e,\lambda}(W)$: 0.07319	$Q_e(J)$: 36.95
$\Phi_e(W)$: 38.06	η_b : 0.4053
η_{uv} : 0.005285	η_e : 0.3935
η_{fr} : 0.006506	Φ_{rb_Ratio} : 0.04882
$\Phi_{e,b}(W)$: 38.06	$\Phi_{e,uv}(W)$: 0.4963
$\Phi_{e,fr}(W)$: 0.611	$\Phi_r(W)$: 37.64
$\Phi_{ch-A}(W)$: 4.139	$Q_{ch-A}(J)$: 4.139
$\Phi_{ch-B}(W)$: 8.437	$Q_{ch-B}(J)$: 8.437
$\Phi_{b-p}(W)$: 17.18	$Q_{b-p}(J)$: 17.18
$\Phi_{y-g}(W)$: 9.019	$Q_{y-g}(J)$: 9.019
$\Phi_{r-o}(W)$: 0.8391	$Q_{r-o}(J)$: 0.8391

Quantum System:

PPF($\mu mol/s$): 168.7	MQE($\mu mol/s/w$): 1.797
R/FR: 1.373	Numol(μmol): 168.7
PPE($\mu mol/s/W$): 1.797	KFr($\mu mol/s/W$): 0.03961

Color Parameters:

Chromaticity Coordinate: $x = 0.3413$	$y = 0.3554$	$u' = 0.2074$	$v' = 0.4860$
CCT = 5159K(Duv = 0.0035)	Dominant WL:Ld = 566.7nm		
Purity = 9.0%	Ratio: R:G:B=15.1:79.7:5.2		
Ra = 82.2			
R1 = 80.2 R2 = 90.6 R3 = 94.5 R4 = 78.4 R5 = 80.5			
R6 = 85.9 R7 = 84.4 R8 = 62.7 R9 = 0.0 R10 = 76.6			
R11 = 76.9 R12 = 59.7 R13 = 83.5 R14 = 97.5 R15 = 74.2			
Electric:U = 230.36 V I = 0.7331 A P = 93.91 W PF = 0.5561			
Eff = 129.4 lm/W Kdisp = 0.9683			
$\lambda_p = 455.9nm$	FWHM = 23.7nm		
LEVEL: OUT	Status: Integral T = 91 ms		
$I_p = 51236$ (78%)			

Model:4
 Tester:
 Temperature:25.2Deg
 Manufacturer:

Number:LLHBLIP65U100W5000K hot
 Date:2026-01-27 15:53:31
 Humidity:40.0%
 Remarks: