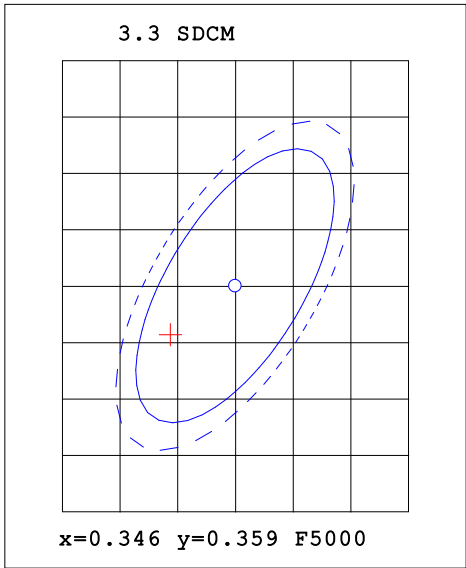
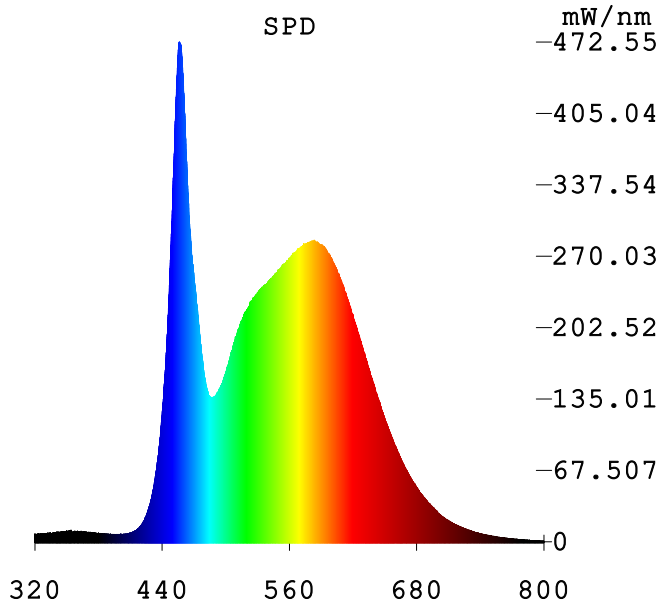


Spectrum Test Report



Plant Parameters

Radiometry System:

$\Phi_v(lm)$: 17573	$Q_v(lm.s)$: 17573
$\Phi_{e,\lambda}(W)$: 0.1061	$Q_e(J)$: 53.58
$\Phi_e(W)$: 55.2	η_b : 0.3877
η_{uv} : 0.005117	η_e : 0.3763
η_{fr} : 0.006273	Φ_{rb_Ratio} : 0.03324
$\Phi_{e,b}(W)$: 55.2	$\Phi_{e,uv}(W)$: 0.7286
$\Phi_{e,fr}(W)$: 0.8931	$\Phi_r(W)$: 54.59
$\Phi_{ch-A}(W)$: 6.002	$Q_{ch-A}(J)$: 6.002
$\Phi_{ch-B}(W)$: 12.19	$Q_{ch-B}(J)$: 12.19
$\Phi_{b-p}(W)$: 24.83	$Q_{b-p}(J)$: 24.83
$\Phi_{y-g}(W)$: 13	$Q_{y-g}(J)$: 13
$\Phi_{r-o}(W)$: 0.8253	$Q_{r-o}(J)$: 0.8253

Quantum System:

PPF($\mu mol/s$): 244.5	MQE($\mu mol/s/w$): 1.717
R/FR: 0.924	Numol(μmol): 244.5
PPE($\mu mol/s/W$): 1.717	KFr($\mu mol/s/W$): 0.03818

Color Parameters:

Chromaticity Coordinate: $x = 0.3404$ $y = 0.3547$ $u' = 0.2071$ $v' = 0.4855$
 CCT = 5191K(Duv = 0.0035) Dominant WL:Ld = 566.0nm
 Purity = 8.5% Ratio: R:G:B=15.1:79.7:5.3
 Ra = 82.2
 R1 = 80.3 R2 = 91.0 R3 = 94.4 R4 = 78.0 R5 = 80.6
 R6 = 86.3 R7 = 84.2 R8 = 62.7 R9 = 0.0 R10 = 77.5
 R11 = 76.5 R12 = 60.2 R13 = 83.8 R14 = 97.5 R15 = 74.4
 Electric:U = 230.34 V I = 1.094 A P = 142.4 W PF = 0.5648
 Eff = 123.4 lm/W Kdisp = 0.9710
 $\lambda_p = 456.2nm$ FWHM = 24.8nm
 LEVEL: OUT Status: Integral T = 48 ms
 Ip = 38747 (59%)

Model:4
 Tester:
 Temperature:25.2Deg
 Manufacturer:

Number:LLHBLIP65U150W5000K hot
 Date:2026-01-27 15:50:41
 Humidity:40.0%
 Remarks: