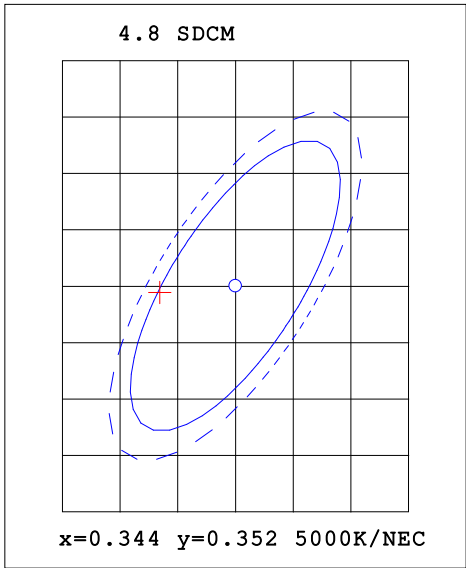
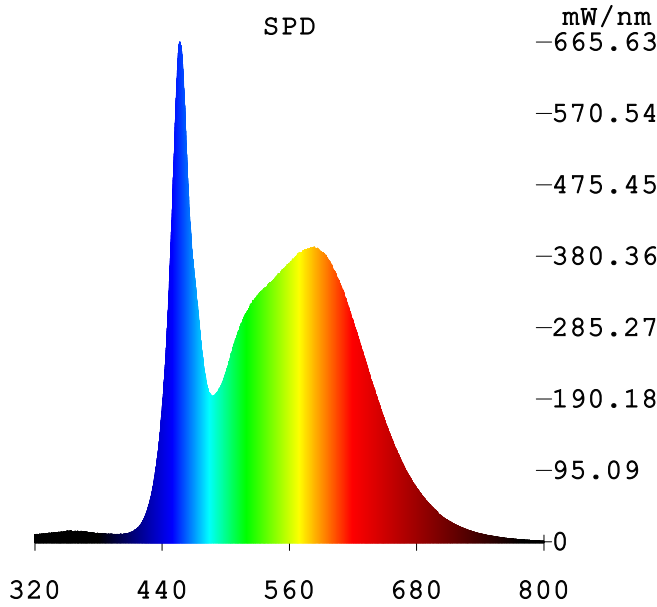


Spectrum Test Report



Plant Parameters

Radiometry System:

$\Phi_v(lm)$: 24365	$Q_v(lm.s)$: 24365
$\Phi_{e,\lambda}(W)$: 0.1483	$Q_e(J)$: 74.88
$\Phi_e(W)$: 77.15	η_b : 0.4149
η_{uv} : 0.005488	η_e : 0.4027
η_{fr} : 0.00672	Φ_{rb_Ratio} : 0.02315
$\Phi_{e,b}(W)$: 77.15	$\Phi_{e,uv}(W)$: 1.02
$\Phi_{e,fr}(W)$: 1.249	$\Phi_r(W)$: 76.3
$\Phi_{ch-A}(W)$: 8.404	$Q_{ch-A}(J)$: 8.404
$\Phi_{ch-B}(W)$: 17.19	$Q_{ch-B}(J)$: 17.19
$\Phi_{b-p}(W)$: 34.42	$Q_{b-p}(J)$: 34.42
$\Phi_{y-g}(W)$: 17.94	$Q_{y-g}(J)$: 17.94
$\Phi_{r-o}(W)$: 0.797	$Q_{r-o}(J)$: 0.797

Quantum System:

PPF($\mu mol/s$): 341.2	MQE($\mu mol/s/w$): 1.835
R/FR: 0.6378	Numol(μmol): 341.2
PPE($\mu mol/s/W$): 1.835	KFr($\mu mol/s/W$): 0.04091

Color Parameters:

Chromaticity Coordinate: $x = 0.3375$ $y = 0.3514$ $u' = 0.2063$ $v' = 0.4834$
 CCT = 5299K(Duv = 0.0031) Dominant WL:Ld = 563.1nm
 Purity = 6.7% Ratio: R:G:B=15.0:79.6:5.4
 Ra = 82.7
 R1 = 81.0 R2 = 91.5 R3 = 94.4 R4 = 78.5 R5 = 81.1
 R6 = 86.7 R7 = 84.4 R8 = 63.7 R9 = 2.2 R10 = 78.4
 R11 = 77.0 R12 = 60.8 R13 = 84.5 R14 = 97.5 R15 = 75.3
 Electric:U = 230.23 V I = 1.479 A P = 185.9 W PF = 0.5459
 Eff = 131.0 lm/W Kdisp = 0.9706
 $\lambda_p = 456.6nm$ FWHM = 25.4nm
 LEVEL: OUT Status: Integral T = 48 ms
 Ip = 54616 (83%)

Model:4
 Tester:
 Temperature:25.2Deg
 Manufacturer:

Number:LLHBLIP65U200W5000K hot
 Date:2026-01-27 15:48:38
 Humidity:40.0%
 Remarks: