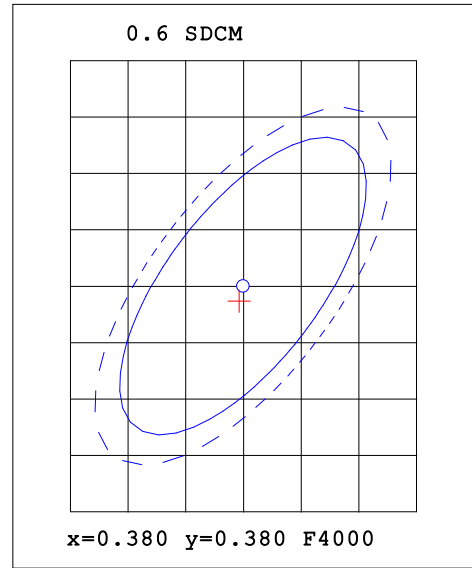
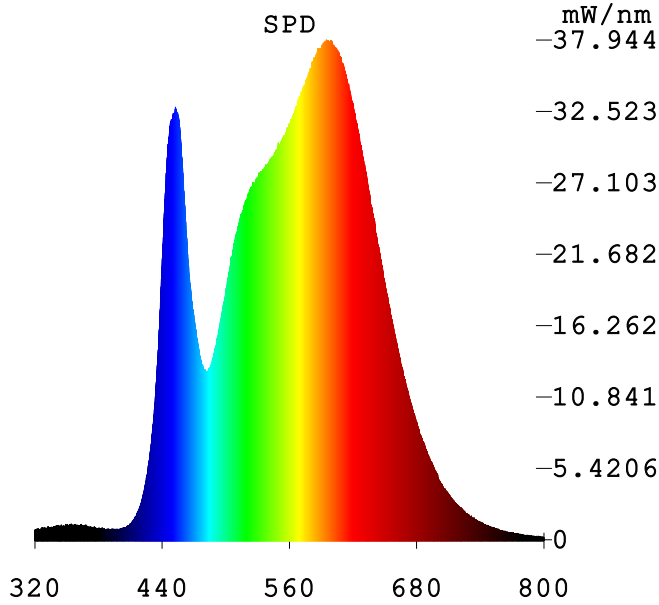


Spectrum Test Report



Plant Parameters

Radiometry System:

$\Phi_v(lm)$: 2179	$Q_v(lm.s)$: 2179
$\Phi_{e,\lambda}(W)$: 0.01299	$Q_e(J)$: 6.529
$\Phi_e(W)$: 6.755	η_b : 0.3624
η_{uv} : 0.004181	η_e : 0.3503
η_{fr} : 0.007931	Φ_{rb_Ratio} : 0.4667
$\Phi_{e,b}(W)$: 6.755	$\Phi_{e,uv}(W)$: 0.07792
$\Phi_{e,fr}(W)$: 0.1478	$\Phi_r(W)$: 6.688
$\Phi_{ch-A}(W)$: 0.8686	$Q_{ch-A}(J)$: 0.8686
$\Phi_{ch-B}(W)$: 1.27	$Q_{ch-B}(J)$: 1.27
$\Phi_{b-p}(W)$: 3.02	$Q_{b-p}(J)$: 3.02
$\Phi_{y-g}(W)$: 2.052	$Q_{y-g}(J)$: 2.052
$\Phi_{r-o}(W)$: 1.409	$Q_{r-o}(J)$: 1.409

Quantum System:

PPF($\mu mol/s$): 30.48	MQE($\mu mol/s/w$): 1.636
R/FR: 9.537	Numol(μmol): 30.48
PPE($\mu mol/s/W$): 1.636	KFr($\mu mol/s/W$): 0.04825

Color Parameters:

Chromaticity Coordinate: $x = 0.3796$ $y = 0.3786$ $u' = 0.2238$ $v' = 0.5023$
 CCT = 4035K(Duv = 0.0011) Dominant WL:Ld = 578.3nm
 Purity = 27.6% Ratio: R:G:B=18.4:77.8:3.8
 Ra = 84.8
 R1 = 83.4 R2 = 90.7 R3 = 96.0 R4 = 84.1 R5 = 83.6
 R6 = 87.5 R7 = 86.9 R8 = 66.4 R9 = 13.3 R10 = 77.7
 R11 = 83.8 R12 = 67.8 R13 = 85.3 R14 = 98.0 R15 = 76.8
 Electric:U = 230.30 V I = 0.1444 A P = 18.64 W PF = 0.5604
 Eff = 117.0 lm/W Kdisp = 0.8583
 $\lambda_p = 594.9nm$ FWHM = 151.1nm
 LEVEL: OUT Status: Integral T = 586 ms
 Ip = 53648 (82%)

Model:7
 Tester:
 Temperature:25.2Deg
 Manufacturer:

Number:LLR20WMOZSMDWCCT 4000K hot
 Date:2026-01-27 15:21:59
 Humidity:40.0%
 Remarks: