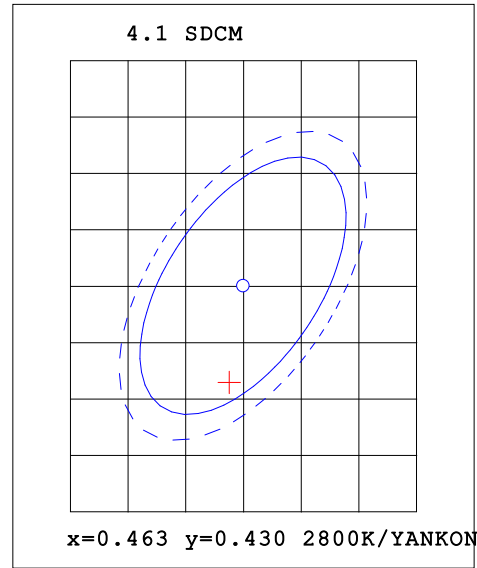
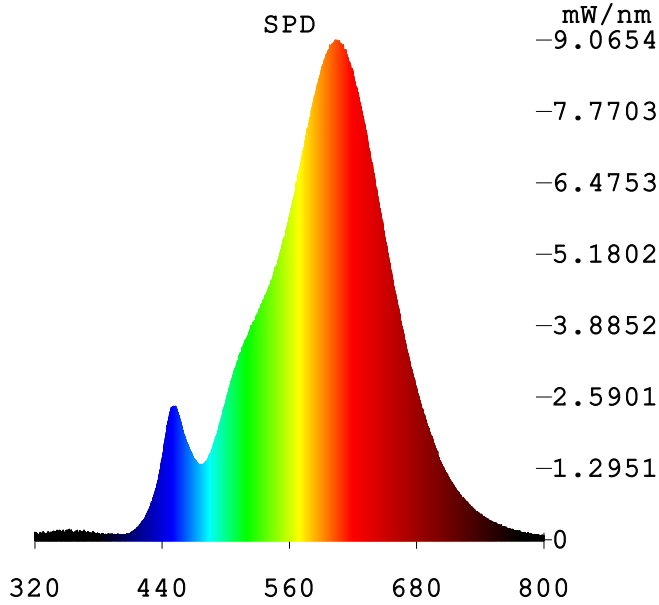


Spectrum Test Report



Plant Parameters

Radiometry System:

$\Phi_v(lm)$: 423.2	$Q_v(lm.s)$: 423.2
$\Phi_{e,\lambda}(W)$: 0.00249	$Q_e(J)$: 1.235
$\Phi_e(W)$: 1.295	η_b : 0.3278
η_{uv} : 0.002683	η_e : 0.3126
η_{fr} : 0.01254	Φ_{rb_Ratio} : 7.693
$\Phi_{e,b}(W)$: 1.295	$\Phi_{e,uv}(W)$: 0.0106
$\Phi_{e,fr}(W)$: 0.04955	$\Phi_r(W)$: 1.284
$\Phi_{ch-A}(W)$: 0.1939	$Q_{ch-A}(J)$: 0.1939
$\Phi_{ch-B}(W)$: 0.1849	$Q_{ch-B}(J)$: 0.1849
$\Phi_{b-p}(W)$: 0.5527	$Q_{b-p}(J)$: 0.5527
$\Phi_{y-g}(W)$: 0.5524	$Q_{y-g}(J)$: 0.5524
$\Phi_{r-o}(W)$: 4.252	$Q_{r-o}(J)$: 4.252

Quantum System:

PPF($\mu mol/s$): 6.029	MQE($\mu mol/s/w$): 1.525
R/FR: 85.81	Numol(μmol): 6.029
PPE($\mu mol/s/W$): 1.525	KFr($\mu mol/s/W$): 0.07635

Color Parameters:

Chromaticity Coordinate: $x = 0.4618$	$y = 0.4214$	$u' = 0.2589$	$v' = 0.5317$
CCT = 2756K(Duv = 0.0038)	Dominant WL:Ld = 582.8nm		
Purity = 65.1%	Ratio: R:G:B=24.1:73.8:2.1		
Ra = 80.9			
R1 = 78.3 R2 = 89.1 R3 = 97.4 R4 = 78.7 R5 = 78.2			
R6 = 87.3 R7 = 82.8 R8 = 55.9 R9 = 0.9 R10 = 75.9			
R11 = 77.3 R12 = 70.5 R13 = 80.4 R14 = 99.0 R15 = 69.9			
Electric:U = 230.42 V I = 0.03281 A P = 3.951 W PF = 0.5226			
Eff = 107.1 lm/W Kdisp = 0.8120			
$\lambda_p = 603.2nm$	FWHM = 120.0nm		
LEVEL: OUT	Status: Integral T = 2000 ms		
$I_p = 44485 (68\%)$			

Model:4
 Tester:
 Temperature:25.2Deg
 Manufacturer:

Number:LLK4W45MME27K2700 hot
 Date:2026-01-28 10:34:58
 Humidity:40.0%
 Remarks: