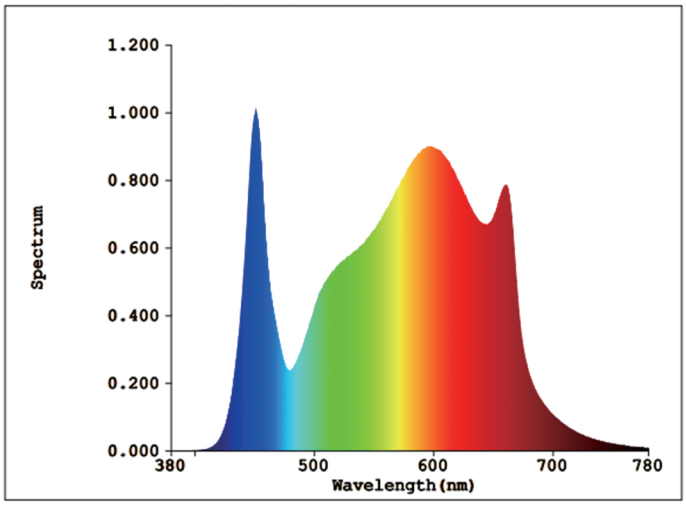
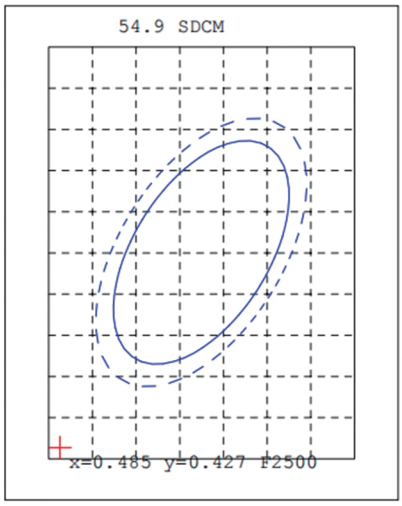
Plant optics Test Report





Colorimetric Parameters:

Chromaticity Coordinate:x=0.3902 y=0.3685/u'=0.2350 v'=0.4994(duv=-6.56e-03)

Tc=3673K Dominant WL:Ld=584.0nm Purity=27.7% Centroid WL:578.0nm

Ratio:R=20.4% G=76.0% B=3.6% Peak WL:Lp=451.0nm HWL:21.3nm

Render Index:Ra=88.5 AvgR=84.8

R1 =88	R2 =94	R3 =96	R4 =88	R5 =89	R6 =90	R7 =88	
R8 =75	R9 =43	R10=85	R11=88	R12=74	R13=90	R14=98	R15=85

Photometric Parameters:

Flux: 95429 lm Fe: 310.68 W Efficacy:149.3 lm/W

Electrical Parameters:

Lamp : U=109.3V I=5.860A P=639.2W PF=0.9984 Freq=60.01Hz Kdisp=0

Product Type:AOE-QFS-214
Number:110V
Temperature:25.3 deg
Test Operator:DAMIN
Software:V3.00.101
Remarks:---

Manufacturer:
Test Department:
Humidity:65.0%
Test Date:2021-09-24 10:21:46
Instrument:PMS-2000 (SN:M181843CM1401116)

EVERFINE 远方

Plant Parameters:

Flux(lm): 95429	Qv(lm.s): 95429
Spectral radiance(W/nm): 310.7	Qe(J): 310.7
Flux(W): 304.1	Far-red flux(W): 5.602
Efficiency: 0.4757	Effi-fr: 0.008764
Kp(PPE)(umol/J): 2.61	Kfr: 0.05303
Erb_Ratio: 1.795	Flux_b(W): 309.7
Flux_UV(W): 0.00226	Flux_fr(W): 5.602
PPF.t(umol): 1668	Kp(umol/s/W): 2.61
Photon flux_fr(umol/s): 33.9	Flux(400-700)(W): 304.1
Flux(380-780)(W): 309.7	Flux_ch-A(W): 48.98
Flux_ch-A.t(J): 48.98	Flux_ch-B(W): 61.48
Flux_ch-B.t(J): 61.48	Flux b(W): 62.6
Flux b.t(J): 62.6	Flux y(W): 129.1
Flux y.t(J): 129.1	Flux r(W) : 112.3
Flux r.t(J): 112.3	
PPF(400-700)(umol/s): 1668	PPF(400-500)(umol/s): 269.2
PPF(500-600)(umol/s): 695.5	PPF(600-700)(umol/s): 694.5
PPF(200-800)(umol/s): --	PPF(280-800)(umol/s): --

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