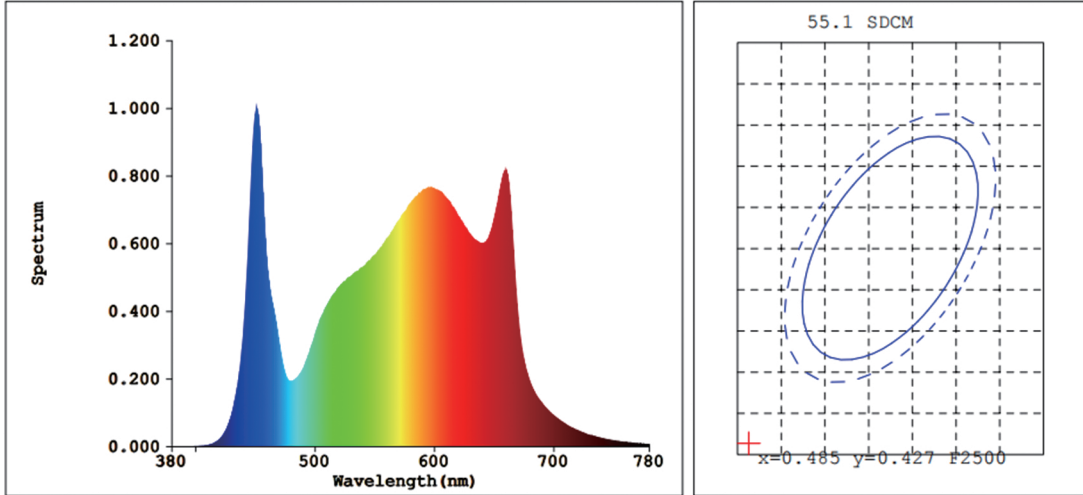


Plant optics Test Report



Colorimetric Parameters:

Chromaticity Coordinate: x=0.3898 y=0.3659/u'=0.2358 v'=0.4981 (duv=-7.71e-03)

Tc=3661K Dominant WL:Ld=584.0nm Purity=26.8% Centroid WL:579.0nm

Ratio:R=20.6% G=75.9% B=3.5% Peak WL:Lp=451.0nm HWL:17.7nm

Render Index:Ra=89.1 AvgR=85.6

R1 =89 R2 =94 R3 =95 R4 =88 R5 =89 R6 =90 R7 =89
 R8 =79 R9 =51 R10=85 R11=88 R12=71 R13=91 R14=97 R15=88

Photometric Parameters:

Flux: 186493 lm Fe: 614.90 W Efficacy:159.3 lm/W

Electrical Parameters:

Lamp : U=219.6V I=5.375A P=1171W PF=0.9917 Freq=50.01Hz Kdisp=0

Product Type:AOE-QFS-224
 Number:220V
 Temperature:25.3 deg
 Test Operator:DAMIN
 Software:V3.00.101
 Remarks:---

Manufacturer:
 Test Department:
 Humidity:65.0%
 Test Date:2021-09-24 12:21:24
 Instrument:PMS-2000 (SN:M181843CM1401116)

Plant Parameters:

Flux(lm): 186493	Qv(lm.s): 186493
Spectral radiance(W/nm): 614.9	Qe(J): 614.9
Flux(W): 601.9	Far-red flux(W): 11.07
Efficiency: 0.5142	Effi-fr: 0.00946
Kp(PPE)(umol/J): 2.70	Kfr: 0.05724
Erb_Ratio: 1.863	Flux_b(W): 613
Flux_UV(W): 0.003653	Flux_fr(W): 11.07
PPF.t(umol): 3162	Kp(umol/s/W): 2.70
Photon flux_fr(umol/s): 67.01	Flux(400-700)(W): 601.9
Flux(380-780)(W): 613	Flux_ch-A(W): 99
Flux_ch-A.t(J): 99	Flux_ch-B(W): 125.7
Flux_ch-B.t(J): 125.7	Flux_b(W): 122.4
Flux_b.t(J): 122.4	Flux_y(W): 251.5
Flux_y.t(J): 251.5	Flux_r(W): 228
Flux_r.t(J): 228	PPF(400-500)(umol/s): 520.4
PPF(400-700)(umol/s): 3162	PPF(600-700)(umol/s): 1347
PPF(500-600)(umol/s): 1293	PPF(280-800)(umol/s): --
PPF(200-800)(umol/s): --	

Product Type:AOE-QFS-224
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Temperature:25.3 deg
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Remarks:---

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