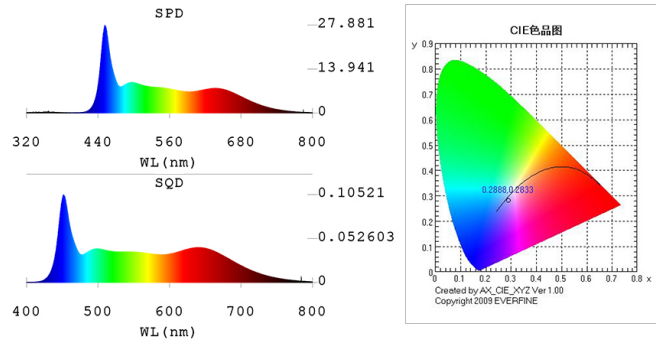




EVERFINE SP-20Suite Test Report

Spectrum Test Report



Plant Parameters:

Flux(lm): 580.2
Spectral radiance(W/nm): 2.503
Flux(W): 2.363
Efficiency: 0.189
PPE: 0.8557
Erb_Ratio: 0.7262
Flux_UV(W): 0.01915
PPF(400-500)(umol/s): 3.512
PPF(600-700)(umol/s): 3.564
Photon flux_fr(umol/s): 0.7438
Flux(380-780)(W): 2.482
Flux_ch-A.t(J): 0.3193
Flux_ch-B.t(J): 0.6479
Flux b.t(J): 0.9099
Flux y.t(J): 0.7939
Flux r.t(J): 0.6608

Qv(lm.s): 580.2
Qe(J): 2.503
Far-red flux(W): 0.1221
Effi-fr: 0.009769
Kfr: 0.0595
Flux_b(W): 2.503
PPF(umol/s): 10.69
PPF(500-600)(umol/s): 3.628
PPF.t(umol): 10.69
Flux(400-700)(W): 2.363
Flux_ch-A(W): 0.3193
Flux_ch-B(W): 0.6479
Flux b(W): 0.9099
Flux y(W): 0.7939
Flux r(W): 0.6608

Color Parameters:

Chromaticity Coordinate:x=0.2888 y=0.2833/u'=0.1984 v'=0.4379
CCT=9373K(Duv=-0.0079) Dominant WL:Ld =474.5nm Purity=20.1%
Ratio:R=16.2% G=74.6% B=9.2% Peak WL:Lp=451.8nm FWHM=21.9nm
Render Index:Ra=88.3
Electric:V = 229.88 V I = 0.1248 A P = 12.50 W PF = 0.4369 Eff = 46.30lm/W
Status: Integral T = 5000 ms Ip = 38649 (59%)

Model:Plant growth lamp
Tester:
Temperature:25.3Deg
Manufacturer:Shenzhen lanbaosi

Number:DT-03
Date:2025-05-10 14:59:47
Humidity:65.0%
Remarks: