

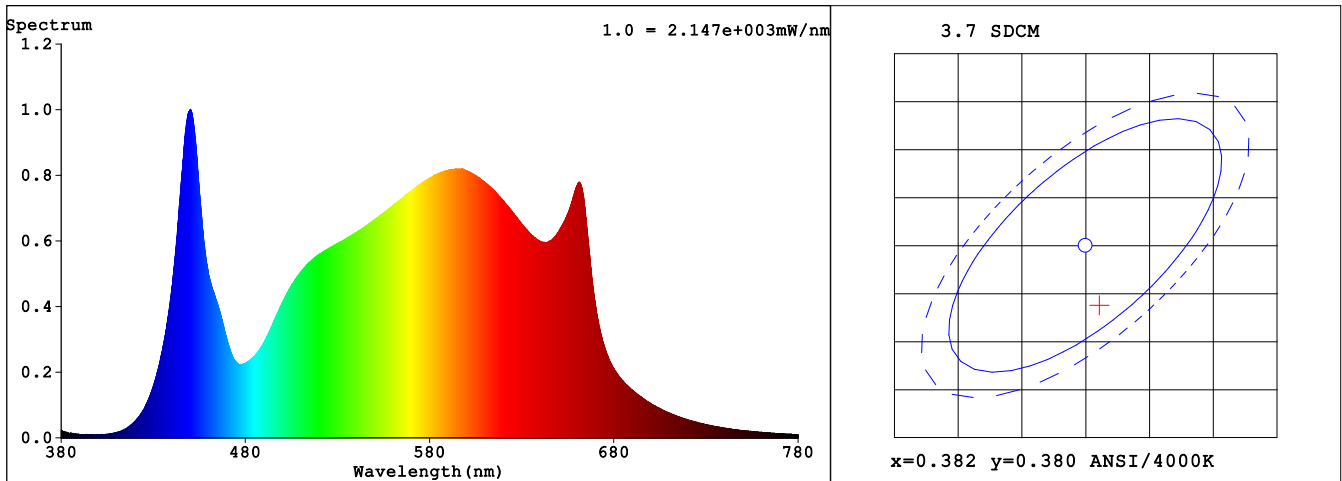
Spectrum Test Report

Sample	:	Date	: 2022-09-08
Specification	: /	Sam. Status	:
Sample No.	: 230V_1	Standard	:
Manufacturer	: /	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	: LYJ
Device SN	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 51501 (79%)
Test Mode	: Fast Test	T	: 28 ms
Sensitivity	: Low		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3829$ $y = 0.3735$ / $u' = 0.2280$ $v' = 0.5005$ ($duv = -2.24e-03$) $Dx, Dy: -0.0017, -0.0058$

CCT= 3909K Prcp WL: $L_d = 580.7nm$ Purity=27.0%

Peak WL: $L_p = 450nm$ FWHM: =19.0nm Ratio:R=19.1% G=77.4% B=3.5%

Render Index: $R_a = 87.0$ White Factor: 0.13086 $v'_{white} = 0.5025$ AvgR = 82.4 TM30:Rf=87 Rg=99

TLCI=73.84 EEI: 0.08585 A++ Highest

R1 =86 R2 =91 R3 =94 R4 =87 R5 =86 R6 =87 R7 =90

R8 =76 R9 =39 R10=79 R11=86 R12=68 R13=87 R14=97 R15=83

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 103528 lm Eff. : 158.68 lm/W $F_e = 332.71 W$ Scotopic:1.7444e+005 S/P:1.685

Flux of emitted photons($\mu mol/s$):1575.4 Flu. and blue light ratio:5.092 Fluorescent eff.:420.1

Photosynthetic:PPF(400-700nm):1534.5 $\mu mol/s$ PRF(400-700nm):3.2571e+005mW

Eff(PPF) (400-700nm):2.35 $\mu mol/s/W$

Electrical parameters

V = 228.94 V I = 2.892 A P = 652.5 W PF = 0.9853 F=59.98 Hz