

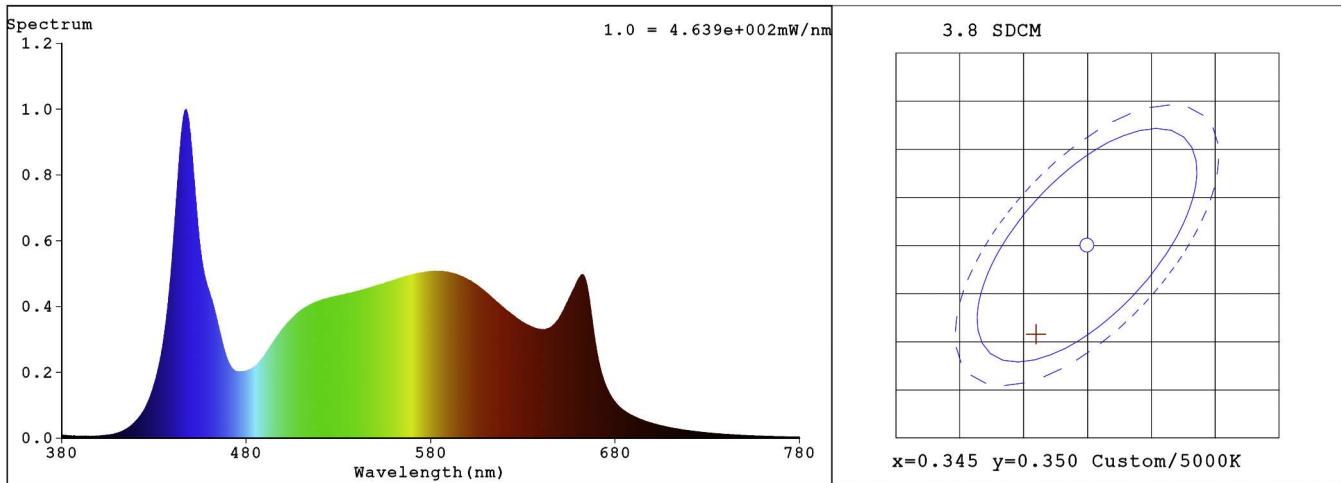
Spectrum Test Report

Sample	:	Date	: 2021-11-05
Specification	: DZ32-100	Sam. Status	:
Sample No.	: 5	Standard	:
Manufacturer	: EVERFINE	Instrument	: HaasSuite(EVERFINE)
Remark	: ---	Test by	: DAMIN
Device SN	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53124 (81%)
Test Mode	: Fast Test	T	: 141 ms
Sensitivity	: Low		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3410$ $y = 0.3408$ / $u' = 0.2129$ $v' = 0.4787$ ($duv = -3.87e-03$) $Dx, Dy: -0.0006, -0.0080$

CCT= 5130K Prcp WL: $L_d = 578.4nm$ Purity=4.5%

Peak WL: $L_p = 448nm$ FWHM: =18.3nm Ratio: R=16.2% G=79.1% B=4.7%

Render Index: $R_a = 87.5$ White Factor: 0.14974 $v'_{white} = 0.4805$ AvgR = 83.4 TM30: $R_f = 85$ $R_g = 101$

TLCI=83.63 EEI: 0.08959 A++ Highest

R1 =87.6 R2 =89.9 R3 =90.3 R4 =88.4 R5 =88.9 R6 =85.3 R7 =89.1

R8 =80.5 R9 =46.1 R10=76.3 R11=89.4 R12=71.1 R13=87.9 R14=94.7 R15=86.2

LEVEL:OUT WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 14965 lm Eff. : 152.05 lm/W $F_e = 50.120 W$ Scotopic:29922 S/P:1.9995

Flux of emitted photons($\mu mol/s$):231.18 Fluo. and blue light ratio:3.449 Fluorescent eff.:389.2

Photons1:5.325e+001 $\mu mol/s$ (400~500nm) Photons2:7.679e+001 $\mu mol/s$ (600~700nm)

Photosynthetic:PPF(400-700nm):227.41 $\mu mol/s$ PRF(400-700nm):49468mW

Eff(PPF) (400-700nm):2.31 $\mu mol/s/W$

Electrical parameters

V = 229.59 V I = 0.4349 A P = 98.42 W PF = 0.9857 F=49.99 Hz