

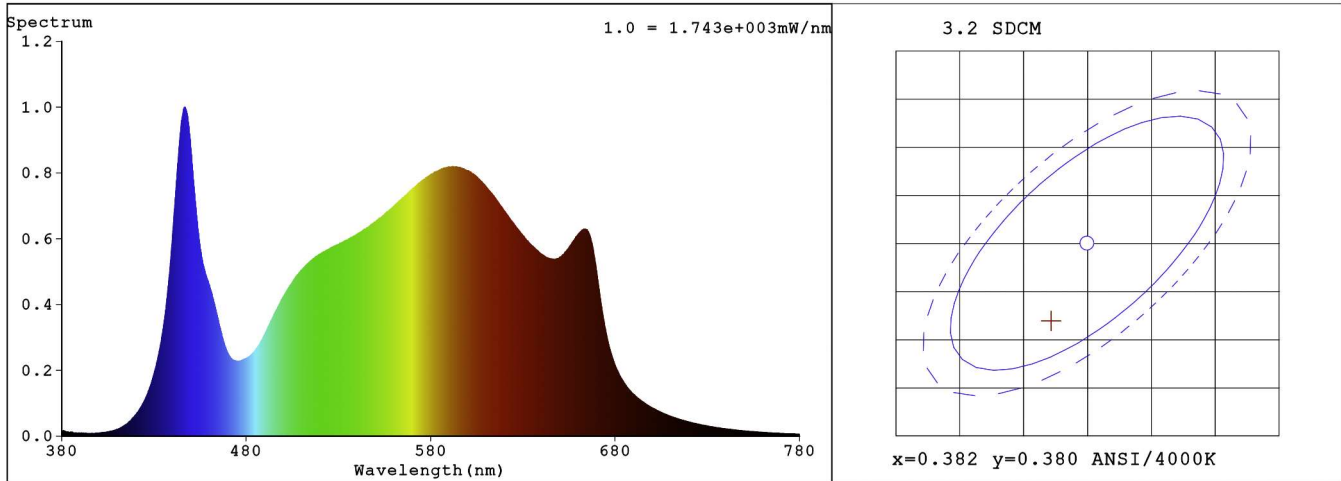
Spectrum Test Report

Sample	:	Date	: 2021-11-05
Specification	: DZ22-500	Sam. Status	:
Sample No.	: 2	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	: 56129 (86%)
Test Mode	: Fast Test	T	: 28 ms
Sensitivity	: Low		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3790$ $y = 0.3716$ / $u' = 0.2262$ $v' = 0.4991$ ($duv = -1.99e-03$) $Dx, Dy: -0.0014, -0.0051$

CCT= 4002K Prcp WL: Ld=580.2nm Purity=25.2%

Peak WL: Lp=447nm FWHM: =19.5nm Ratio:R=18.5% G=77.9% B=3.6%

Render Index: Ra = 85.4 White Factor: 0.15069 v'_{white} : 0.5009 AvgR = 80.3 TM30:Rf=86 Rg=98

TLCI=74.61 EEI: 0.08162 A++ Highest

R1 =84.0 R2 =89.6 R3 =93.9 R4 =85.3 R5 =84.6 R6 =85.5 R7 =88.1

R8 =72.1 R9 =28.2 R10=76.2 R11=85.2 R12=69.4 R13=85.2 R14=96.7 R15=80.0

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 83058 lm Eff. : 166.90 lm/W Fe = 264.84 W Scotopic:1.4111e+005 S/P:1.699

Flux of emitted photons($\mu\text{mol/s}$):1247.7 Fluo. and blue light ratio:4.991 Fluorescent eff.:429.8

Photons1:2.168e+002 $\mu\text{mol/s}$ (400~500nm) Photons2:4.716e+002 $\mu\text{mol/s}$ (600~700nm)

Photosynthetic:PPF(400-700nm):1221 $\mu\text{mol/s}$ PRF(400-700nm):2.6025e+005mW

Eff(PPF) (400-700nm):2.45 $\mu\text{mol/s/W}$

Electrical parameters

V = 239.94 V I = 2.140 A P = 497.6 W PF = 0.9692 F=50.03 Hz