

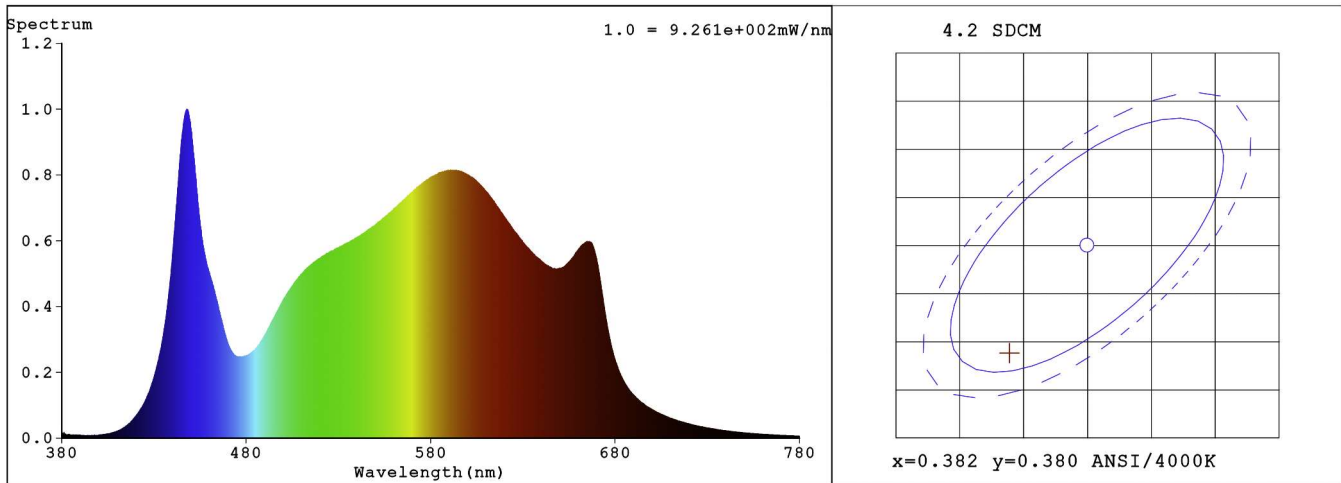
# Spectrum Test Report

Sample	:	Date	: 2021-11-05
Specification	: DZ22-250	Sam. Status	:
Sample No.	: 1	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	: 48067 (73%)
Test Mode	: Fast Test	T	: 47 ms
Sensitivity	: Low		

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3757$   $y = 0.3685$  /  $u' = 0.2253$   $v' = 0.4972$  ( $duv = -2.50e-03$ )  $Dx, Dy: -0.0017, -0.0063$

CCT= 4071K Prcp WL: Ld=580.4nm Purity=23.3%

Peak WL: Lp=448nm FWHM: =21.2nm Ratio:R=18.3% G=77.9% B=3.8%

Render Index: Ra = 85.4 White Factor: 0.14514  $v'_{white}$ : 0.4991 AvgR = 80.2 TM30:Rf=85 Rg=98

TLCI=73.73 EEI: 0.07778 A++ Highest

R1 =84.0 R2 =90.1 R3 =94.3 R4 =84.9 R5 =84.5 R6 =85.7 R7 =88.0

R8 =71.6 R9 =27.1 R10=76.9 R11=84.5 R12=68.6 R13=85.4 R14=97.0 R15=80.0

LEVEL:OUT WHITE:ANSI\_4000K

## Photometric & Radiometric Parameters

Flux = 43838 lm Eff. : 175.14 lm/W Fe = 140.56 W Scotopic:75656 S/P:1.7258

Flux of emitted photons( $\mu\text{mol/s}$ ):661.44 Fluo. and blue light ratio:4.707 Fluorescent eff.:450.0

Photons1:1.186e+002  $\mu\text{mol/s}$ (400~500nm) Photons2:2.475e+002  $\mu\text{mol/s}$ (600~700nm)

Photosynthetic:PPF(400-700nm):647.26 $\mu\text{mol/s}$  PRF(400-700nm):1.3813e+005mW

Eff(PPF) (400-700nm):2.59 $\mu\text{mol/s/W}$

## Electrical parameters

V = 229.53 V I = 1.123 A P = 250.3 W PF = 0.9713 F=49.99 Hz