

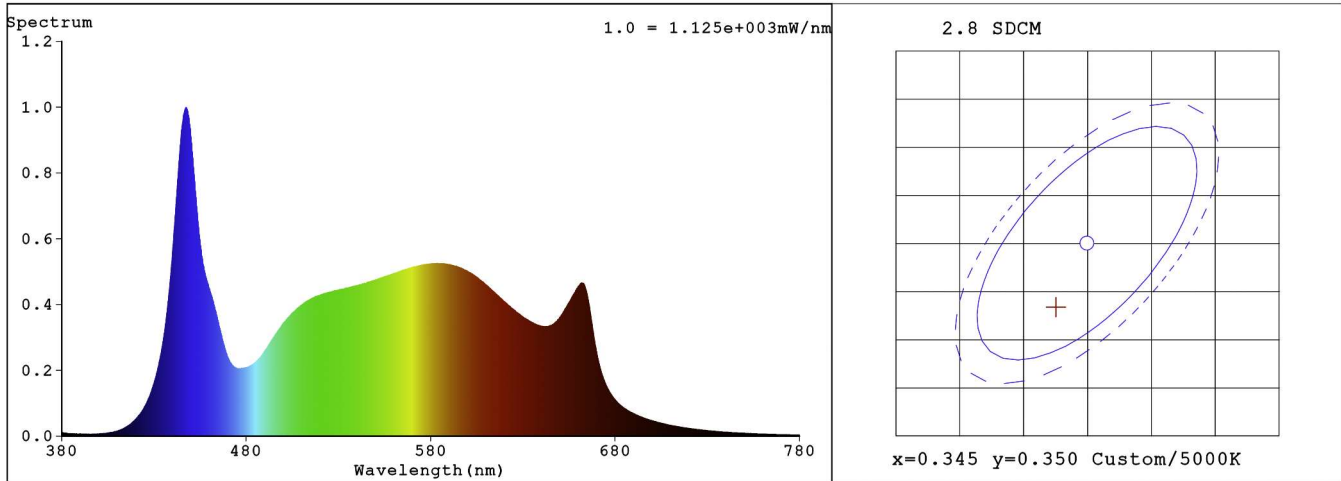
Spectrum Test Report

Sample	:	Date	: 2021-11-05
Specification	: DZ32-240	Sam. Status	:
Sample No.	: 6	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	: 50275 (77%)
Test Mode	: Fast Test	T	: 56 ms
Sensitivity	: Low		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3425$ $y = 0.3434$ / $u' = 0.2129$ $v' = 0.4802$ ($duv = -3.17e-03$) $Dx, Dy: -0.0005, -0.0066$

CCT= 5075K Prcp WL: $L_d = 577.0\text{nm}$ Purity=5.8%

Peak WL: $L_p = 448\text{nm}$ FWHM: =18.6nm Ratio:R=16.2% G=79.1% B=4.6%

Render Index: $R_a = 86.8$ White Factor: 0.15344 $v'_{\text{white}}: 0.4820$ AvgR = 82.4 TM30:Rf=85 Rg=100

TLCI=82.58 EEI: 0.08664 A++ Highest

R1 =86.6 R2 =89.6 R3 =90.8 R4 =87.8 R5 =87.9 R6 =85.1 R7 =88.7

R8 =78.3 R9 =39.7 R10=75.6 R11=88.6 R12=70.6 R13=87.0 R14=95.0 R15=84.4

LEVEL:OUT WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 37346 lm Eff. : 157.23 lm/W $F_e = 123.64$ W Scotopic:74110 S/P:1.9844

Flux of emitted photons($\mu\text{mol/s}$):570.07 Fluo. and blue light ratio:3.466 Fluorescent eff.:394.2

Photons1:1.305e+002 $\mu\text{mol/s}$ (400~500nm) Photons2:1.868e+002 $\mu\text{mol/s}$ (600~700nm)

Photosynthetic:PPF(400-700nm):560.49 $\mu\text{mol/s}$ PRF(400-700nm):1.2197e+005mW

Eff(PPF) (400-700nm):2.36 $\mu\text{mol/s/W}$

Electrical parameters

V = 229.72 V I = 1.060 A P = 237.5 W PF = 0.9756 F=49.99 Hz