

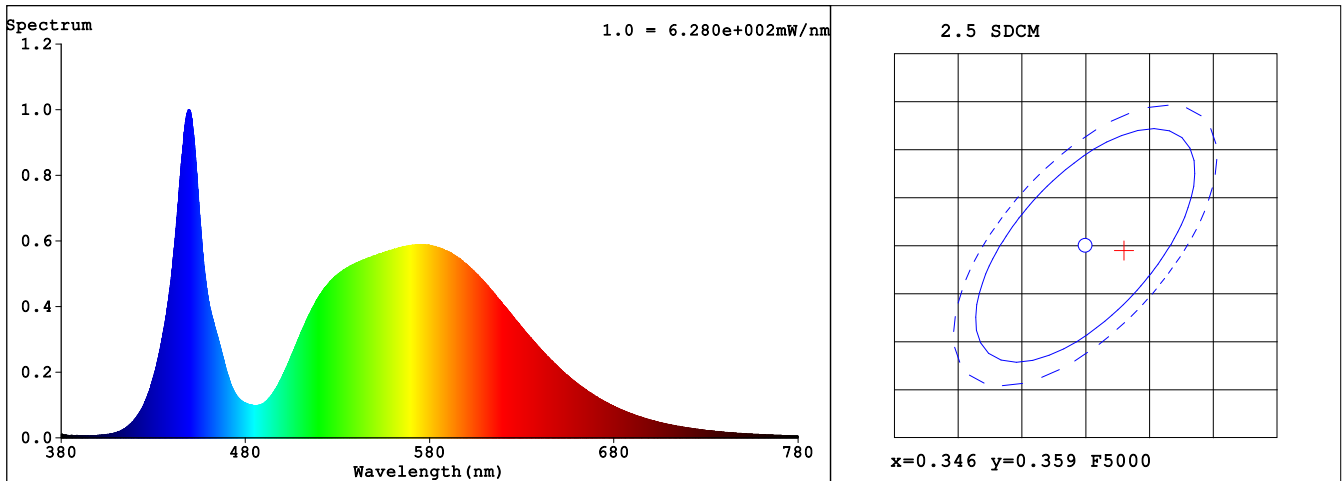
Spectrum Test Report

Sample	:	Date	: 2022-05-25
Specification	: 75515011	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	: 53055 (81%)
Test Mode	: Fast Test	T	: 88 ms
Sensitivity	: Low		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3490$ $y = 0.3585$ / $u' = 0.2114$ $v' = 0.4886$ ($duv=1.86e-03$) $Dx,Dy:0.0004,0.0041$

CCT= 4879K Prcp WL: $L_d=572.4\text{nm}$ Purity=12.3%

Peak WL: $L_p=449\text{nm}$ FWHM: =18.0nm Ratio:R=14.6% G=82.5% B=3.0%

Render Index: $R_a = 72.3$ White Factor: 0.16875 $v'_{\text{white}} = 0.4903$ AvgR = 61.8 TM30:Rf=74 Rg=94

TLCI=49.58 EEI: 0.09342 A++ Highest

R1 =69.7 R2 =77.5 R3 =82.3 R4 =72.3 R5 =69.6 R6 =68.0 R7 =82.2

R8 =56.7 R9 =-28.8 R10=45.4 R11=68.1 R12=38.2 R13=70.9 R14=89.9 R15=64.3

LEVEL:OUT WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 21945 lm Eff. : 145.81 lm/W $F_e = 64.747$ W Scotopic:38161 S/P:1.7389

Flux of emitted photons($\mu\text{mol/s}$):297.08 Fluo. and blue light ratio:3.141 Fluorescent eff.:322.5

Photons1:6.311e+001 $\mu\text{mol/s}$ (400~500nm) Photons2:8.144e+001 $\mu\text{mol/s}$ (600~700nm)

Photosynthetic:PPF(400-700nm):290.34 $\mu\text{mol/s}$ PRF(400-700nm):63592mW

Eff(PPF) (400-700nm):1.93 $\mu\text{mol/s/W}$

Electrical parameters

V = 229.69 V I = 0.6632 A P = 150.5 W PF = 0.9881 F=50.09 Hz