

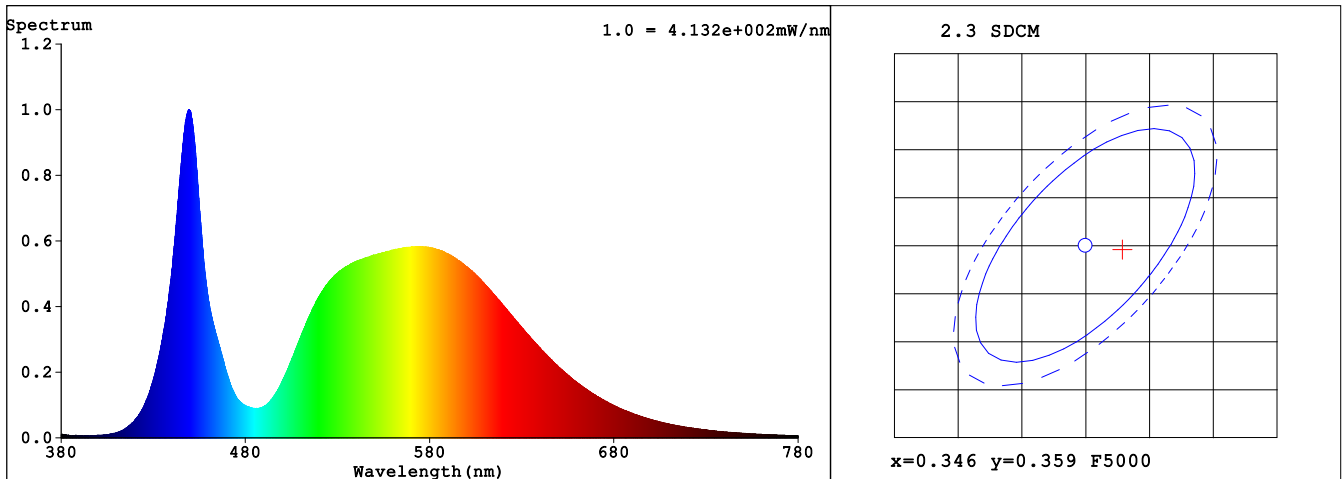
Spectrum Test Report

Sample	:	Date	: 2021-05-25 16:59:37
Specification	: FL23-100	Sam. Status	:
Sample No.	: 1	Standard	:
Manufacturer	: EVERFINE	Instrument	: HaasSuite(EVERFINE)
Remark	: ---	Test by	: DAMIN
Device SN	: N1		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52932 (81%)
Test Mode	: Fast Test	T	: 118 ms
Sensitivity	: Low		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3489$ $y = 0.3586$ / $u' = 0.2113$ $v' = 0.4886$ ($duv=1.96e-03$) $Dx, Dy: 0.0004, 0.0043$

CCT= 4884K Prcp WL: $L_d=572.3nm$ Purity=12.3%

Peak WL: $L_p=449nm$ FWHM: =18.2nm Ratio:R=14.5% G=82.6% B=2.9%

Render Index: $R_a = 71.9$ White Factor: 0.16121 $v'_{white} = 0.4903$ AvgR = 61.3 TM30:Rf=73 Rg=94

TLCI=48.95 EEI: 0.09575 A++ Highest

R1 =69.5 R2 =76.9 R3 =81.2 R4 =72.1 R5 =69.3 R6 =67.1 R7 =82.1

R8 =57.2 R9 =-28.0 R10=43.8 R11=67.6 R12=36.5 R13=70.6 R14=89.3 R15=64.5

LEVEL:OUT WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 14352 lm Eff. : 142.27 lm/W $F_e = 42.344 W$

Flux of emitted photons($\mu mol/s$):194.46 Fluo. and blue light ratio:3.153 Fluorescent eff.:314.6

Photons1:4.092e+001 $\mu mol/s(400\sim 500nm)$ Photons2:5.363e+001 $\mu mol/s(600\sim 700nm)$

Photosynthetic:PPF(400-700nm):189.85 $\mu mol/s$ PRF(400-700nm):41558mW

Eff(PPF) (400-700nm):1.88 $\mu mol/s/W$

Electrical parameters

V = 229.62 V I = 0.4451 A P = 100.9 W PF = 0.9871 F=49.99 Hz