EVERFINE 远方

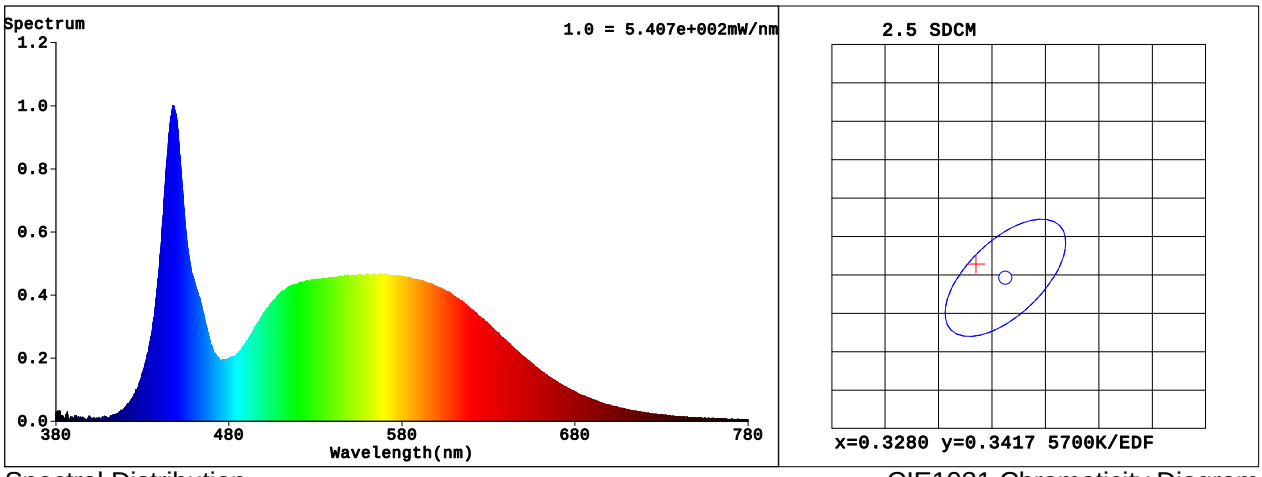
Spectrum Test Report

Sample	:	Date	: 2024-10-16
Specification	: IA100-085N-FH2	Sam. Status	:
Sample No.	: 5700K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	: damin

Test Condition

Temprature	: 25.5Deg	RH	: 60.3%
WL Range	: 380nm-780nm	IP	: 3651 (6%)
Test Mode	: Fast Test	T	: 10 ms
		Sensitivity	: Low

Spectrum



Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3256 y = 0.3431 / u' = 0.2014 v' = 0.4776 (duv=4.14e-03)

CCT= 5802K Prcp WL: Ld=509.5nm Purity=2.4%

Peak WL: Lp=448nm FWHM: =17.6nm Ratio:R=14.3% G=80.8% B=4.9%

Render Index: Ra = 83.4

R1 =82	R2 =86	R3 =90	R4 =85	R5 =83	R6 =82	R7 =88	
R8 =71	R9 =11	R10=68	R11=85	R12=62	R13=83	R14=95	R15=77

Photometric & Radiometric Parameters

Flux = 14231 lm Eff. : 144.65 lm/W Fe = 45.297 W

Flux of emitted photons(umol/s):205.62 Fluo. and blue light ratio:2.286 Fluorescent eff.:298.3

Electrical parameters

V = 230.8 V I = 0.4579 A P = 98.38 W PF = 0.9310

EVERFINE CORPORATION

http://www.everfine.cn