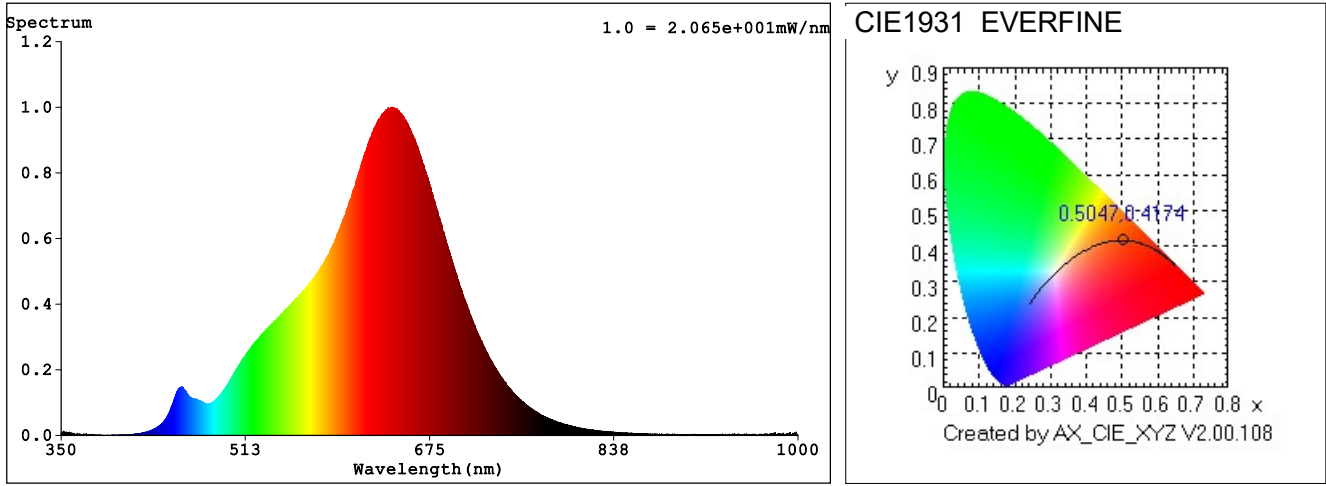


Spectrum Test Report

Sample	:	Date	: 2026-05-30 15:44:45
Specification	: 2219 196D 24V 2200K	Sam. Status	:
Sample No.	: 2219 196D 24V 2200K	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: EVERFINE	Test by	: 戈先会
Instrument numbe:	16545669	Assessor	: damin

Test Condition

Temperature	: 25.3 °C	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 50527 (77%)
Test Mode	: Accuracy Test	T	: 210 ms
		Sensitivity	: High

Spectrum**Colorimetric Parameters**

Chromaticity Coordinate: $x = 0.5047$ $y = 0.4174$ / $u' = 0.2884$ $v' = 0.5367$ ($duv=6.80e-04$)

CCT= 2224K Prcp WL: $L_d=586.9nm$ Purity=76.8%

Peak WL: $L_p=642nm$ FWHM: =121.0nm Ratio:R=32.0% G=66.3% B=1.7%

Render Index: $R_a = 97.9$ $R_f=96$

R1 =99 R2 =100 R3 =96 R4 =98 R5 =99 R6 =97 R7 =98

R8 =96 R9 =90 R10=98 R11=94 R12=93 R13=99 R14=96 R15=98

CS: 0.63 MCPI:17.11 CDM:-0.48

Photometric & Radiometric Parameters

Flux = 767.44 lm Eff. : 78.72 lm/W $F_e = 3.0349 W$

(EQE):396.55%

Electrical parameters

$V = 24.00 V$ $I = 0.4062 A$ $P = 9.749 W$ PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>