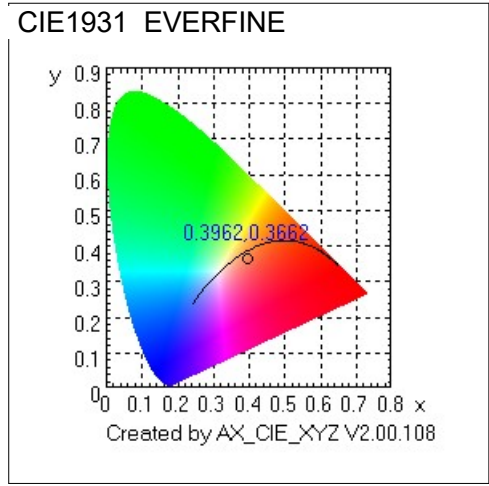
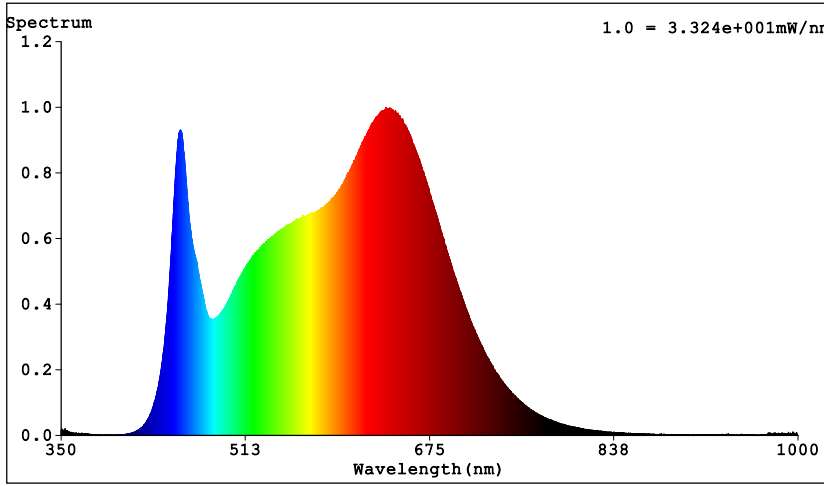


Spectrum Test Report

Sample : Date : 2026-05-30 15:43:13
Specification : 2219 196D 24V 2200K+5600K 20W Sam. Status :
Sample No. : 2219 196D 24V 2200K+5600K 20W 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 : 50586 (77%)
Test Mode : Accuracy Test T : 120 ms
Sensitivity : High

Spectrum**Colorimetric Parameters**

Chromaticity Coordinate: $x = 0.3962$ $y = 0.3662$ / $u' = 0.2400$ $v' = 0.4992$ ($duv = -9.12e-03$)

CCT= 3500K Prcp WL: $L_d = 586.1\text{nm}$ Purity=28.8%

Peak WL: $L_p = 636\text{nm}$ FWHM: =185.9nm Ratio:R=23.6% G=72.0% B=4.4%

Render Index: $R_a = 95.2$ $R_f = 93$

R1 =94 R2 =95 R3 =98 R4 =96 R5 =95 R6 =93 R7 =98

R8 =92 R9 =78 R10=90 R11=93 R12=79 R13=92 R14=98 R15=89

CS: 0.70 MCPI: 0.00 CDM:-0.56

Photometric & Radiometric Parameters

Flux = 1711.6 lm Eff. : 88.41 lm/W $F_e = 6.5134$ W

(EQE):408.92%

Electrical parameters

V = 24.00 V I = 0.8066 A P = 19.36 W PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>