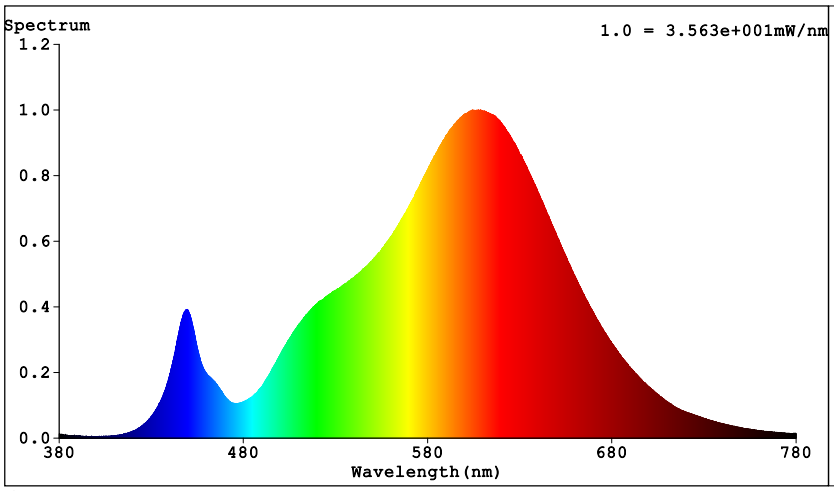
Spectrum Test Report

Sample	: 24寸望远镜BN-5CCT	Date	: 2025-04-10 14:15:17
Specification	:	Sam. Status	:
Sample No.	: 924	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: 但小琴
		Assessor	: damin

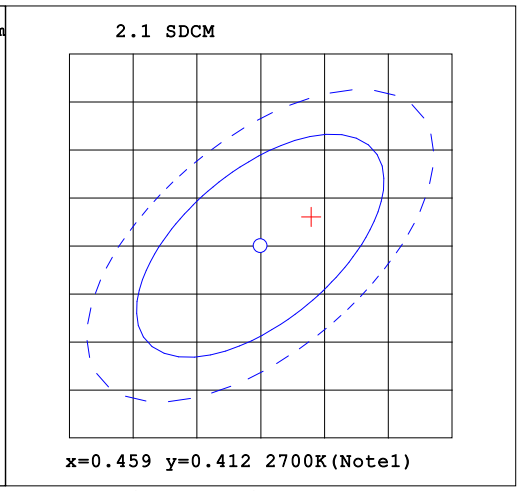
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52865 (81%)
Test Mode	: Fast Test	T	: 90 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4630 y = 0.4150 / u' = 0.2625 v' = 0.5295 (duv=1.36e-03)

CCT= 2691K Prcp WL: Ld=583.8nm Purity=63.6%

Peak WL: Lp=604nm FWHM: =117.3nm Ratio:R=25.1% G=73.1% B=1.8%

Render Index: Ra = 82.2

R1 =80	R2 =90	R3 =97	R4 =81	R5 =80	R6 =88	R7 =83	
R8 =58	R9 =6	R10=77	R11=81	R12=72	R13=82	R14=99	R15=72

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 1628.3 lm Eff. : 81.05 lm/W Fe = 4.9567 W

Electrical parameters

V = 120.3 V I = 0.1838 A P = 20.09 W PF = 0.9087

EVERFINE CORPORATION

http://www.everfine.cn

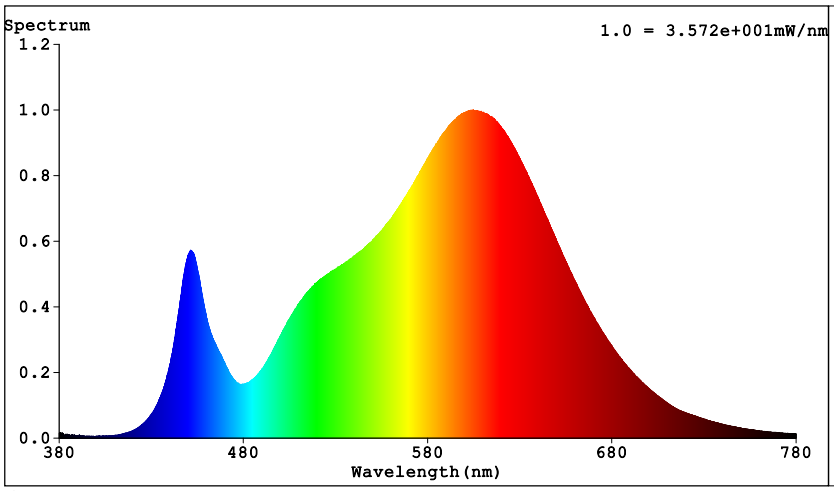
Spectrum Test Report

Sample	: 24寸望远镜BN-5CCT	Date	: 2025-04-10 14:16:08
Specification	:	Sam. Status	:
Sample No.	: 926	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: 但小琴
		Assessor	: damin

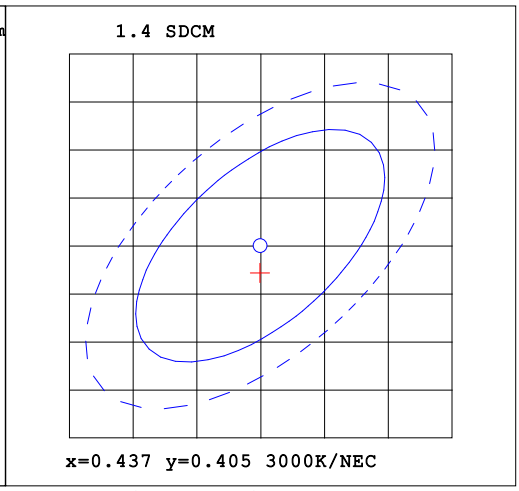
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53001 (81%)
Test Mode	: Fast Test	T	: 90 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4370 y = 0.4022 / u' = 0.2514 v' = 0.5206 (duv=-7.57e-04)

CCT= 2984K Prcp WL: Ld=583.2nm Purity=51.9%

Peak WL: Lp=605nm FWHM: =132.4nm Ratio:R=23.3% G=74.3% B=2.4%

Render Index: Ra = 84.0

R1 =83 R2 =92 R3 =97 R4 =83 R5 =83 R6 =90 R7 =84

R8 =62 R9 =13 R10=81 R11=83 R12=72 R13=85 R14=99 R15=76

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1741.2 lm Eff. : 85.70 lm/W Fe = 5.3256 W

Electrical parameters

V = 120.3 V I = 0.1851 A P = 20.32 W PF = 0.9126

EVERFINE CORPORATION

http://www.everfine.cn

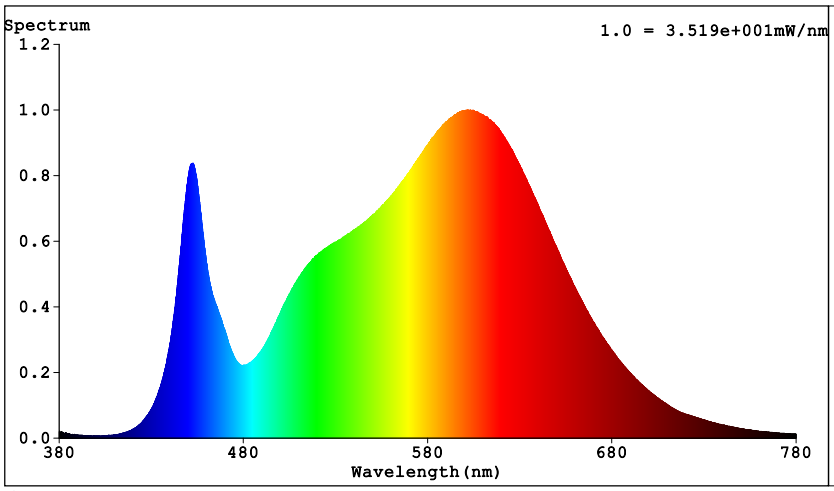
Spectrum Test Report

Sample	: 24寸望远镜BN-5CCT	Date	: 2025-04-10 14:16:30
Specification	:	Sam. Status	:
Sample No.	: 928	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: 但小琴
		Assessor	: damin

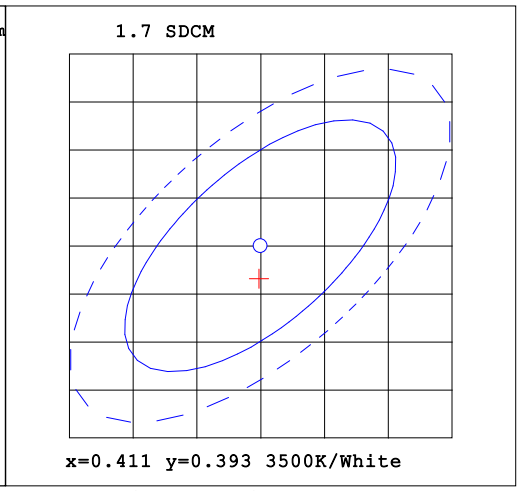
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52202 (80%)
Test Mode	: Fast Test	T	: 90 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4109 y = 0.3896 / u' = 0.2398 v' = 0.5116 (duv=-1.67e-03)

CCT= 3370K Prcp WL: Ld=582.1nm Purity=40.3%

Peak WL: Lp=602nm FWHM: =145.2nm Ratio:R=21.3% G=75.6% B=3.0%

Render Index: Ra = 85.3

R1 =85	R2 =92	R3 =97	R4 =84	R5 =85	R6 =90	R7 =85	
R8 =65	R9 =18	R10=81	R11=84	R12=70	R13=87	R14=99	R15=78

LEVEL:OUT WHITE:ANSI_3500K

Photometric & Radiometric Parameters

Flux = 1848.1 lm Eff. : 89.49 lm/W Fe = 5.6723 W

Electrical parameters

V = 120.3 V I = 0.1871 A P = 20.65 W PF = 0.9175

EVERFINE CORPORATION

http://www.everfine.cn

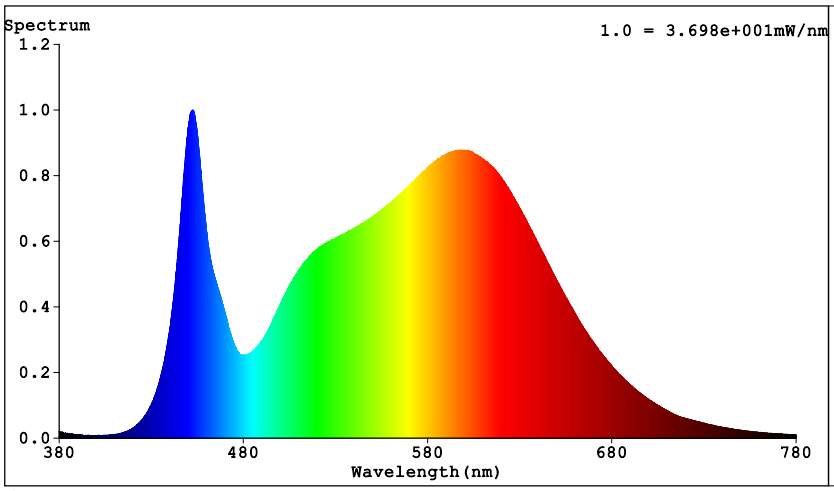
Spectrum Test Report

Sample	: 24寸望远镜BN-5CCT	Date	: 2025-04-10 14:17:05
Specification	:	Sam. Status	:
Sample No.	: 930	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: 但小琴
		Assessor	: damin

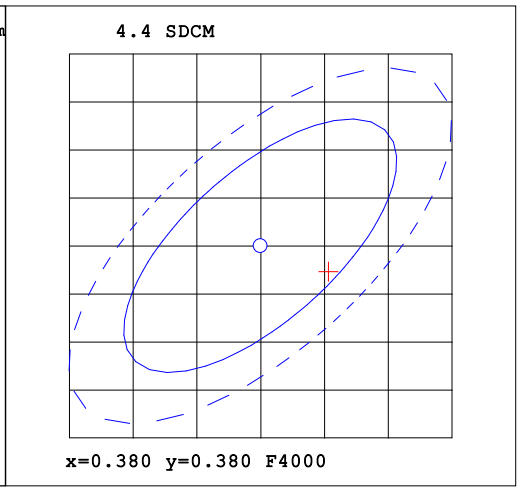
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48051 (73%)
Test Mode	: Fast Test	T	: 90 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3854 y = 0.3773 / u' = 0.2281 v' = 0.5026 (duv=-1.14e-03)

CCT= 3873K Prcp WL: Ld=580.2nm Purity=28.9%

Peak WL: Lp=453nm FWHM: =20.7nm Ratio:R=19.2% G=77.1% B=3.6%

Render Index: Ra = 85.6

R1 =85	R2 =92	R3 =96	R4 =85	R5 =85	R6 =88	R7 =87	
R8 =68	R9 =20	R10=80	R11=84	R12=65	R13=87	R14=98	R15=79

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1843.1 lm Eff. : 89.47 lm/W Fe = 5.6749 W

Electrical parameters

V = 120.3 V I = 0.1868 A P = 20.60 W PF = 0.9170

EVERFINE CORPORATION

http://www.everfine.cn

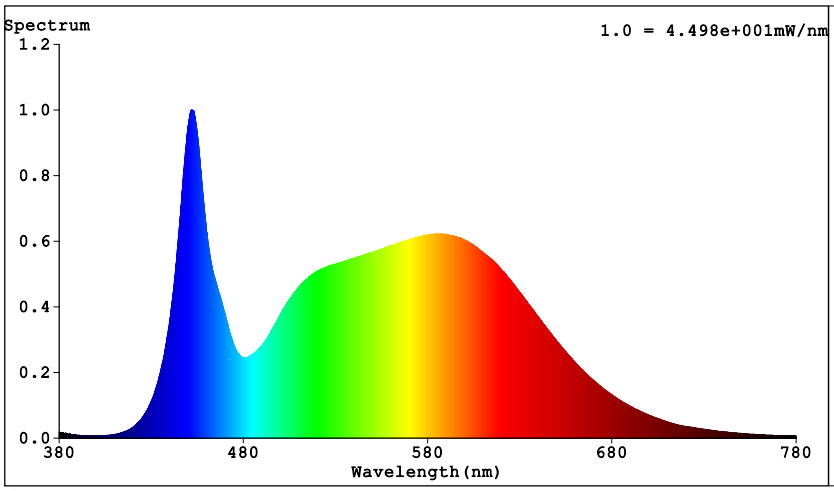
Spectrum Test Report

Sample	: 24寸望远镜BN-5CCT	Date	: 2025-04-10 14:17:30
Specification	:	Sam. Status	:
Sample No.	: 932	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: 但小琴
		Assessor	: damin

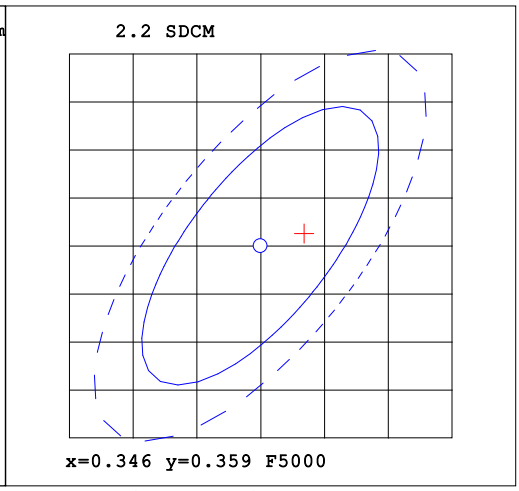
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53660 (82%)
Test Mode	: Fast Test	T	: 119 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3494 y = 0.3603 / u' = 0.2110 v' = 0.4895 (duv=2.60e-03)

CCT= 4872K Prcp WL: Ld=571.9nm Purity=13.0%

Peak WL: Lp=452nm FWHM: =20.9nm Ratio:R=16.0% G=79.4% B=4.5%

Render Index: Ra = 83.8

R1 =82	R2 =89	R3 =94	R4 =82	R5 =82	R6 =85	R7 =88	
R8 =68	R9 =12	R10=74	R11=81	R12=57	R13=84	R14=97	R15=76

LEVEL:OUT WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 1761.2 lm Eff. : 87.81 lm/W Fe = 5.4466 W

Electrical parameters

V = 120.3 V I = 0.1834 A P = 20.06 W PF = 0.9095

EVERFINE CORPORATION

http://www.everfine.cn