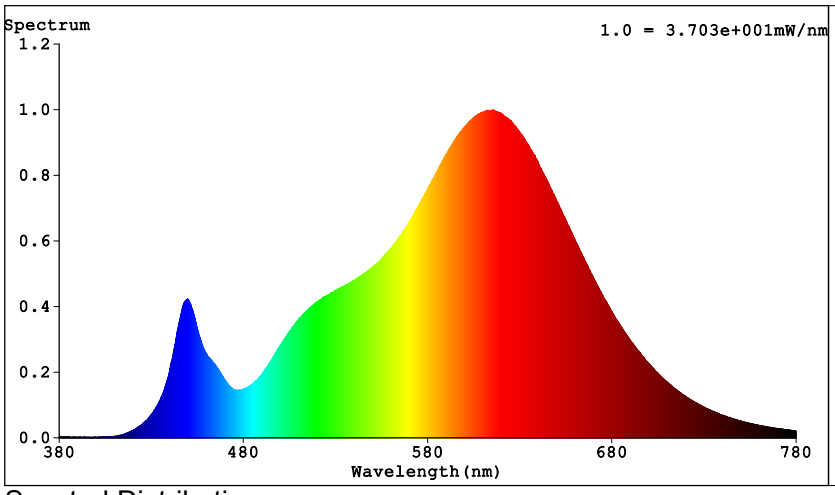
Spectrum Test Report

Sample	: 16寸中央固定吸顶灯BN-5CCT	Date	: 2026-08-19 16:00:13
Specification	:	Standard Status	:
Sample No.	: 32	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
Assessor	: damin		
Remark	: ---		

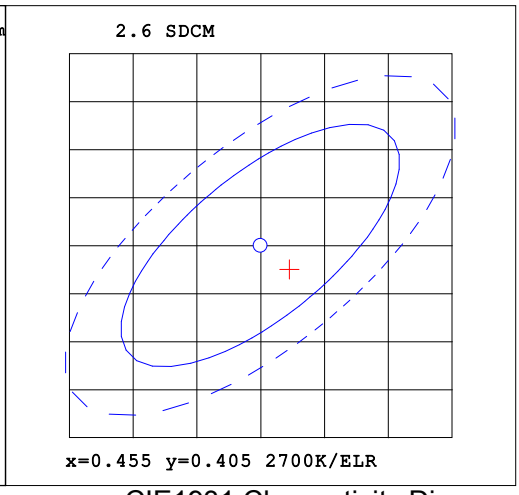
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 40957 (62%)
Test Mode	: Accuracy Test	T	: 134 ms
Sensitivity	: High		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4573 y = 0.4025 / u' = 0.2645 v' = 0.5238 (duv=-2.80e-03) Dx,Dy:-0.0048,-0.0086

CCT= 2673K Prcp WL: Ld=585.3nm Purity=58.1%

Peak WL: Lp=616nm FWHM: =123.8nm Ratio:R=26.4% G=71.3% B=2.3%

Render Index: Ra = 88.5

R1 =89	R2 =95	R3 =97	R4 =88	R5 =89	R6 =95	R7 =85
R8 =69	R9 =34	R10=89	R11=90	R12=86	R13=91	R14=99 R15=82

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 1659.3 lm Eff. : 69.11 lm/W Fe = 5.5063 W

Electrical parameters

V = 120.07 V I = 0.2247 A P = 24.01 W PF = 0.8901 F=59.98 Hz

EVERFINE CORPORATION

http://www.everfine.cn

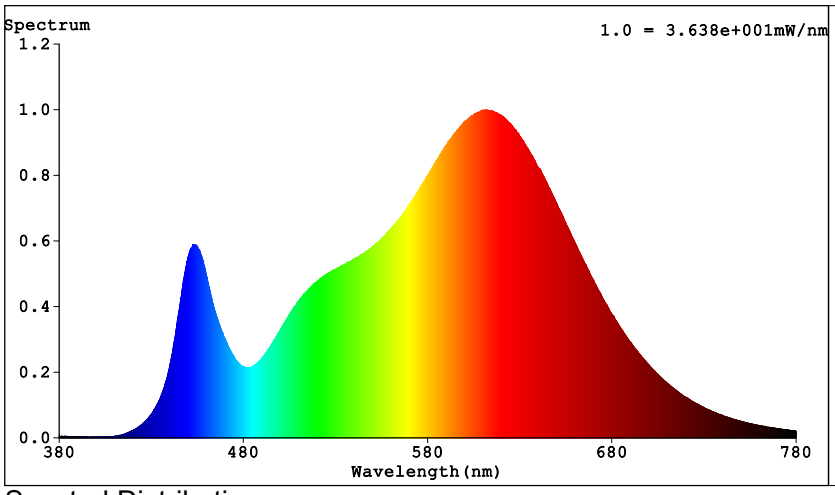
Spectrum Test Report

Sample	: 16寸中央固定吸顶灯BN-5CCT	Date	: 2026-08-19 16:04:08
Specification	:	Standard Status	:
Sample No.	: 34	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
Assessor	: damin		
Remark	: ---		

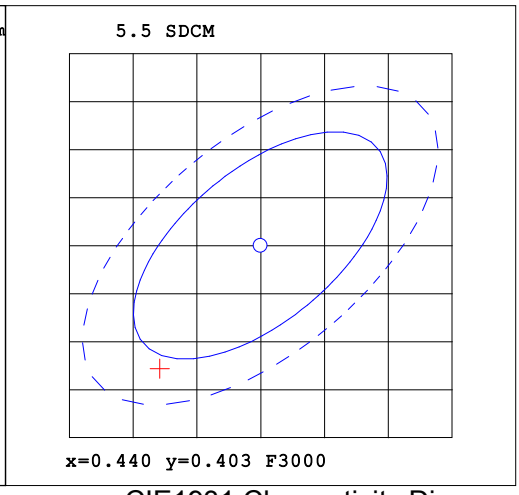
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 41000 (63%)
Test Mode	: Accuracy Test	T	: 134 ms
Sensitivity	: High		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4321 y = 0.3902 / u' = 0.2535 v' = 0.5151 (duv=-4.99e-03) Dx,Dy:-0.0072,-0.0147

CCT= 2967K Prcp WL: Ld=584.9nm Purity=46.8%

Peak WL: Lp=612nm FWHM: =142.7nm Ratio:R=24.5% G=72.5% B=2.9%

Render Index: Ra = 89.7

R1 =91	R2 =97	R3 =96	R4 =89	R5 =91	R6 =95	R7 =86
R8 =73	R9 =42	R10=92	R11=91	R12=82	R13=93	R14=99	R15=86

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1750.9 lm Eff. : 71.75 lm/W Fe = 5.8119 W

Electrical parameters

V = 120.07 V I = 0.2271 A P = 24.40 W PF = 0.8951 F=59.98 Hz

EVERFINE CORPORATION

http://www.everfine.cn

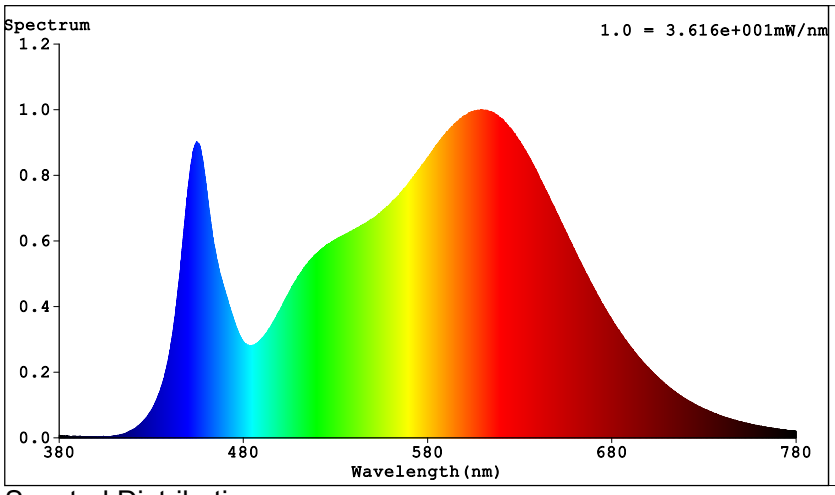
Spectrum Test Report

Sample	: 16寸中央固定吸顶灯BN-5CCT	Date	: 2026-08-19 16:08:56
Specification	:	Standard Status	:
Sample No.	: 36	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
Assessor	: damin		
Remark	: ---		

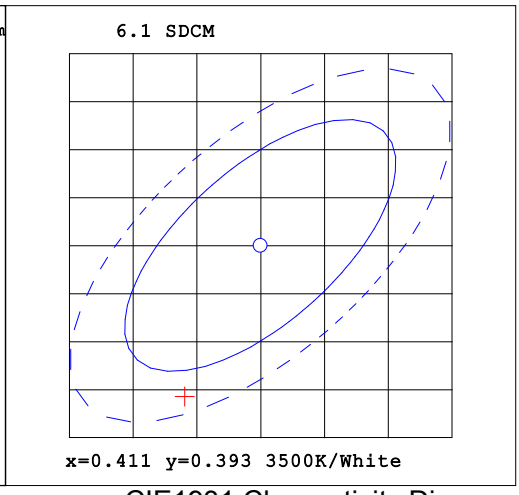
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 41991 (64%)
Test Mode	: Accuracy Test	T	: 134 ms
Sensitivity	: High		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4051 y = 0.3773 / u' = 0.2412 v' = 0.5055 (duv=-5.94e-03) Dx,Dy:-0.0065,-0.0165

CCT= 3391K Prcp WL: Ld=584.2nm Purity=34.8%

Peak WL: Lp=609nm FWHM: =155.3nm Ratio:R=22.3% G=74.1% B=3.6%

Render Index: Ra = 90.5

R1 =92	R2 =97	R3 =96	R4 =90	R5 =92	R6 =94	R7 =87	
R8 =76	R9 =47	R10=93	R11=90	R12=76	R13=94	R14=99	R15=88

LEVEL:OUT WHITE:ANSI_3500K

Photometric & Radiometric Parameters

Flux = 1898.8 lm Eff. : 76.21 lm/W Fe = 6.2716 W

Electrical parameters

V = 120.06 V I = 0.2302 A P = 24.92 W PF = 0.9016 F=59.98 Hz

EVERFINE CORPORATION

http://www.everfine.cn

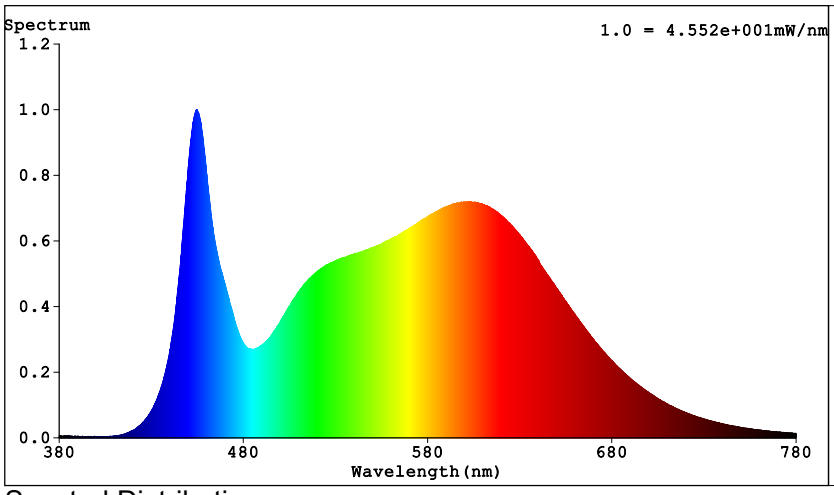
Spectrum Test Report

Sample	: 16寸中央固定吸顶灯BN-5CCT	Date	: 2026-08-19 16:12:05
Specification	:	Standard Status	:
Sample No.	: 38	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
Assessor	: damin		
Remark	: ---		

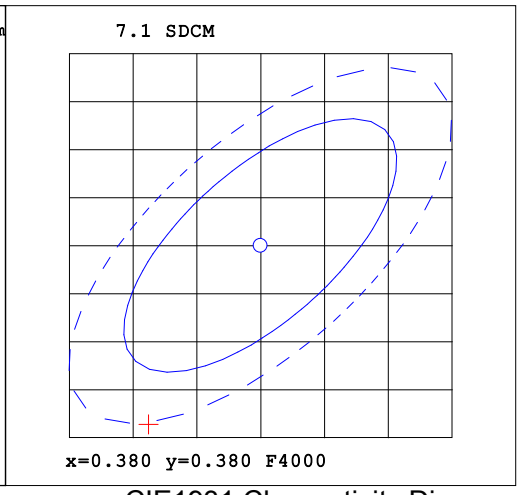
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 44525 (68%)
Test Mode	: Accuracy Test	T	: 151 ms
Sensitivity	: High		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3712 y = 0.3614 / u' = 0.2252 v' = 0.4932 (duv=-4.58e-03) Dx,Dy:-0.0028,-0.0112

CCT= 4152K Prcp WL: Ld=581.8nm Purity=19.8%

Peak WL: Lp=455nm FWHM: =23.2nm Ratio:R=19.3% G=76.3% B=4.4%

Render Index: Ra = 90.0

R1 =91	R2 =96	R3 =96	R4 =88	R5 =90	R6 =91	R7 =89
R8 =78	R9 =47	R10=89	R11=88	R12=67	R13=93	R14=98 R15=88

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1941.8 lm Eff. : 77.78 lm/W Fe = 6.3624 W

Electrical parameters

V = 120.06 V I = 0.2305 A P = 24.97 W PF = 0.9020 F=59.98 Hz

EVERFINE CORPORATION

http://www.everfine.cn

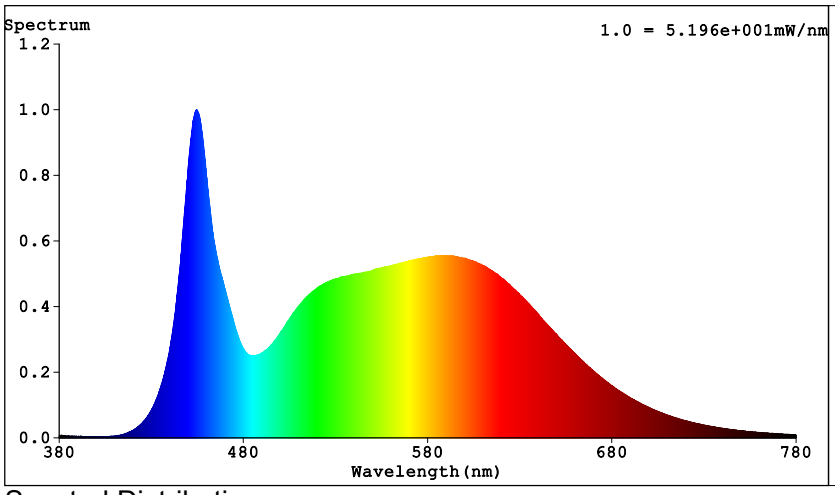
Spectrum Test Report

Sample	: 16寸中央固定吸顶灯BN-5CCT	Date	: 2026-08-19 16:14:25
Specification	:	Standard Status	:
Sample No.	: 40	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
Assessor	: damin		
Remark	: ---		

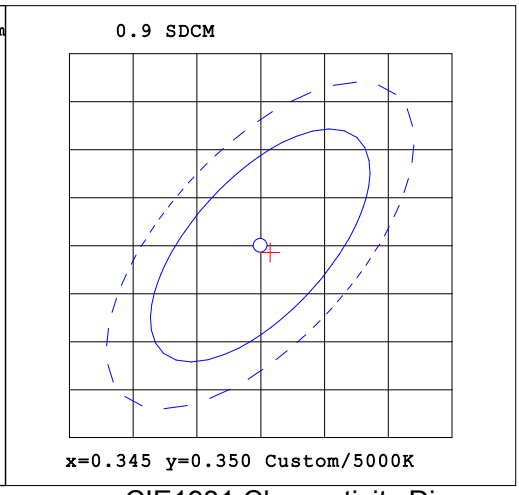
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 46866 (72%)
Test Mode	: Accuracy Test	T	: 178 ms
Sensitivity	: High		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3458 y = 0.3493 / u' = 0.2128 v' = 0.4836 (duv=-1.45e-03) Dx,Dy:-0.0003,-0.0031

CCT= 4967K Prcp WL: Ld=575.0nm Purity=8.5%

Peak WL: Lp=455nm FWHM: =22.7nm Ratio:R=16.8% G=78.2% B=5.0%

Render Index: Ra = 87.7

R1 =88	R2 =94	R3 =95	R4 =85	R5 =86	R6 =88	R7 =89
R8 =76	R9 =37	R10=83	R11=84	R12=59	R13=90	R14=98 R15=85

LEVEL:OUT WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 1851.9 lm Eff. : 75.88 lm/W Fe = 6.0308 W

Electrical parameters

V = 120.07 V I = 0.2271 A P = 24.41 W PF = 0.8951 F=59.98 Hz