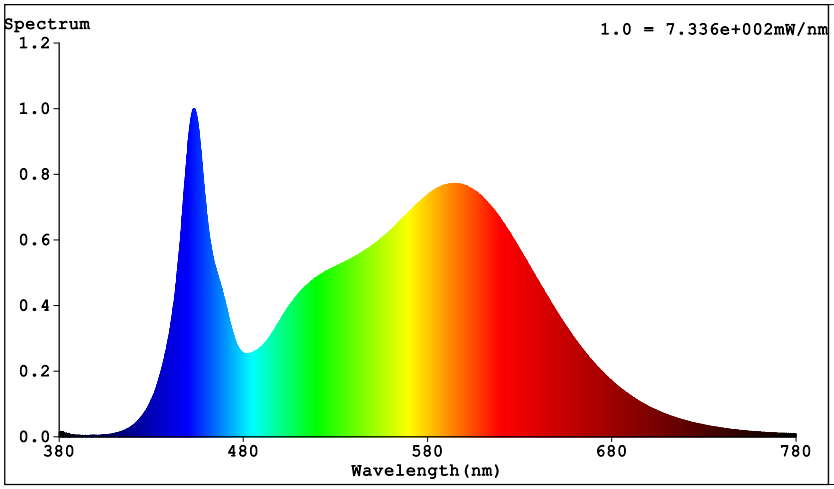
Spectrum Test Report

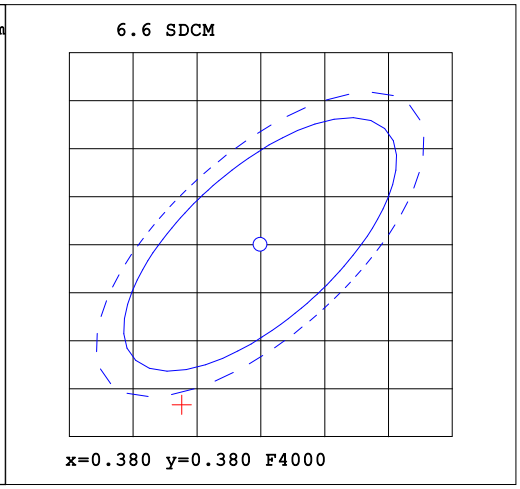
Sample	:	Date	: 2026-02-05 19:11:13
Specification	: UFO02-100W-150W-200W_30K-40K-57K	Sam. Status	:
Sample No.	: 253306-6 200w40k	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Assessor	: damin		
Remark	:	Test by	: GJJ
Device SN	:		

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48944 (75%)
Test Mode	: Fast Test	T	: 36 ms
Sensitivity	: Low		

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.3738 y = 0.3633 / u' = 0.2262 v' = 0.4945 (duv=-4.46e-03)

CCT= 4087K Prcp WL: Ld=581.8nm Purity=21.2%

Peak WL: Lp=453nm FWHM: =21.6nm Ratio:R=18.6% G=77.3% B=4.1%

Render Index: Ra = 84.6 AvgR = 79.0 TM30:Rf=84 Rg=96

EEI: 0.08154 A++ Highest

R1 =84	R2 =93	R3 =95	R4 =82	R5 =84	R6 =88	R7 =85	
R8 =66	R9 =15	R10=82	R11=82	R12=65	R13=87	R14=98	R15=79

Photometric & Radiometric Parameters

Flux = 31843 lm Eff. : 167.06 lm/W Fe = 99.057 W Scotopic:56056 S/P:1.7604

Electrical parameters

V = 232.14 V I = 0.8317 A P = 190.6 W PF = 0.9872 F=49.99 Hz

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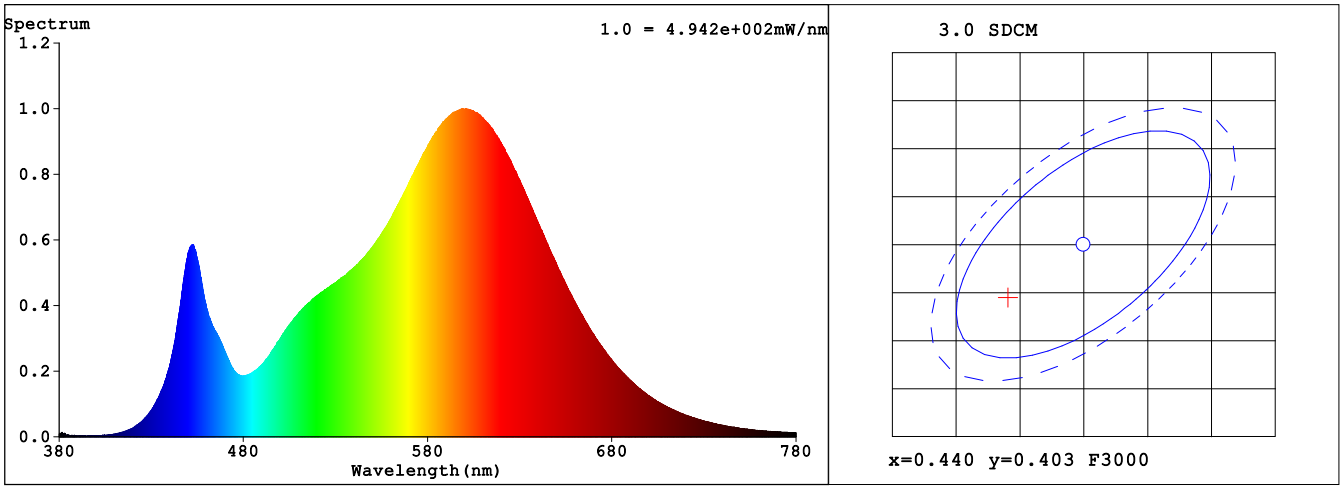
Spectrum Test Report

Sample	:	Date	: 2026-02-05 19:16:53
Specification	: UFO02-100W-150W-200W_30K-40K-57K	Sam. Status	:
Sample No.	: 253306-6 150w30k	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Assessor	: damin		
Remark	:	Test by	: GJJ
Device SN	:		

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52280 (80%)
Test Mode	: Fast Test	T	: 44 ms
Sensitivity	: Low		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4341 y = 0.3975 / u' = 0.2516 v' = 0.5183 (duv=-2.26e-03)

CCT= 2994K Prcp WL: Ld=583.7nm Purity=49.6%

Peak WL: Lp=601nm FWHM: =115.3nm Ratio:R=22.7% G=74.7% B=2.6%

Render Index: Ra = 79.9 AvgR = 74.2 TM30:Rf=81 Rg=95

EEI: 0.08627 A++ Highest

R1 =78	R2 =91	R3 =94	R4 =77	R5 =79	R6 =89	R7 =79	
R8 =53	R9 =0	R10=79	R11=75	R12=71	R13=81	R14=97	R15=70

Photometric & Radiometric Parameters

Flux = 23589 lm Eff. : 157.91 lm/W Fe = 70.682 W Scotopic:31623 S/P:1.3406

Electrical parameters

V = 232.18 V I = 0.6556 A P = 149.4 W PF = 0.9814 F=49.99 Hz

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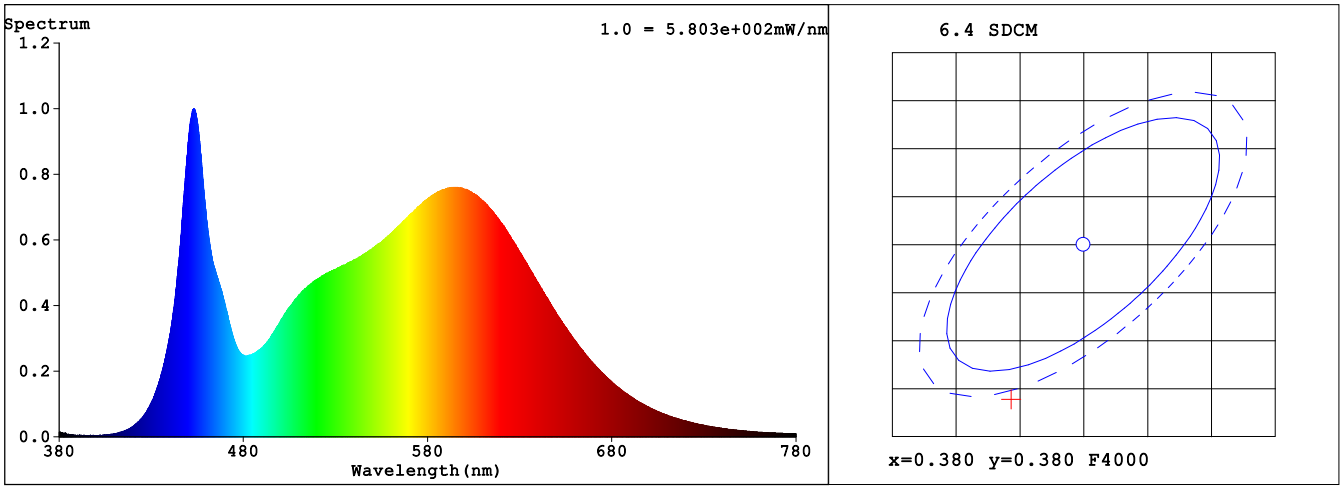
Spectrum Test Report

Sample	:	Date	: 2026-02-05 19:17:49
Specification	: UFO02-100W-150W-200W_30K-40K-57K	Sam. Status	:
Sample No.	: 253306-6 150w40k	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Assessor	: damin		
Remark	:	Test by	: GJJ
Device SN	:		

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 46592 (71%)
Test Mode	: Fast Test	T	: 44 ms
Sensitivity	: Low		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.3743 y = 0.3639 / u' = 0.2263 v' = 0.4949 (duv=-4.33e-03)

CCT= 4078K Prcp WL: Ld=581.7nm Purity=21.5%

Peak WL: Lp=453nm FWHM: =20.7nm Ratio:R=18.6% G=77.3% B=4.1%

Render Index: Ra = 84.6 AvgR = 79.0 TM30:Rf=84 Rg=96

EEI: 0.07905 A++ Highest

R1 =84	R2 =93	R3 =95	R4 =82	R5 =84	R6 =88	R7 =85	
R8 =66	R9 =15	R10=82	R11=82	R12=65	R13=87	R14=98	R15=79

Photometric & Radiometric Parameters

Flux = 24777 lm Eff. : 172.32 lm/W Fe = 76.936 W Scotopic:43550 S/P:1.7576

Electrical parameters

V = 232.11 V I = 0.6320 A P = 143.8 W PF = 0.9801 F=49.99 Hz

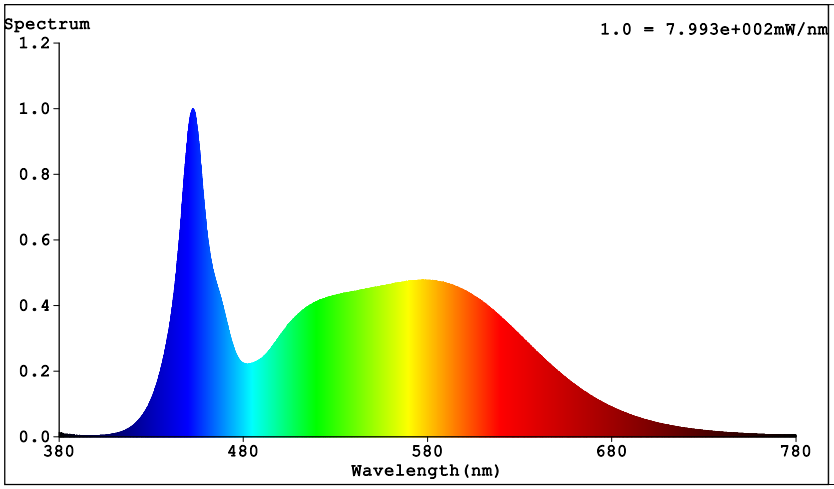
Spectrum Test Report

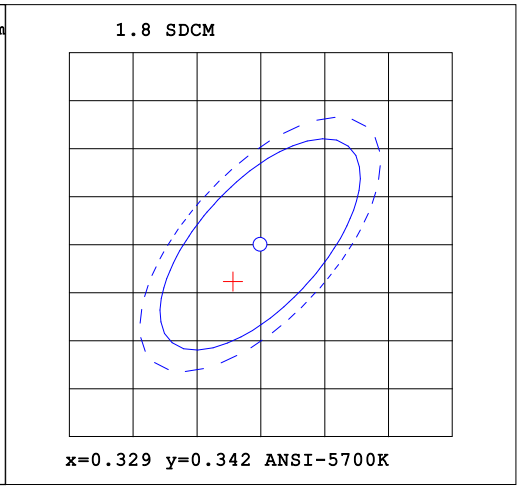
Sample	:	Date	: 2026-02-05 19:18:55
Specification	: UFO02-100W-150W-200W_30K-40K-57K	Sam. Status	:
Sample No.	: 253306-6 150w57k	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Assessor	: damin		
Remark	:	Test by	: GJJ
Device SN	:		

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52226 (80%)
Test Mode	: Fast Test	T	: 58 ms
Sensitivity	: Low		

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.3266 y = 0.3378 / u' = 0.2041 v' = 0.4750 (duv=1.02e-03)

CCT= 5769K Prcp WL: Ld=500.5nm Purity=2.1%

Peak WL: Lp=453nm FWHM: =20.4nm Ratio:R=14.6% G=80.1% B=5.3%

Render Index: Ra = 84.3 AvgR = 77.7 TM30:Rf=84 Rg=95

EEI: 0.08286 A++ Highest

R1 =83	R2 =90	R3 =93	R4 =84	R5 =84	R6 =84	R7 =88	
R8 =70	R9 =13	R10=74	R11=83	R12=60	R13=85	R14=96	R15=79

Photometric & Radiometric Parameters

Flux = 24569 lm Eff. : 164.41 lm/W Fe = 78.522 W Scotopic:52382 S/P:2.1321

Electrical parameters

V = 232.20 V I = 0.6558 A P = 149.4 W PF = 0.9814 F=49.99 Hz

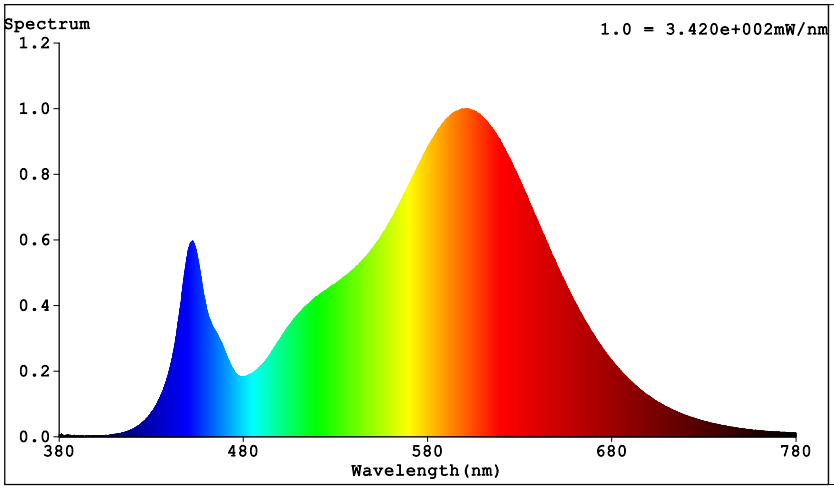
Spectrum Test Report

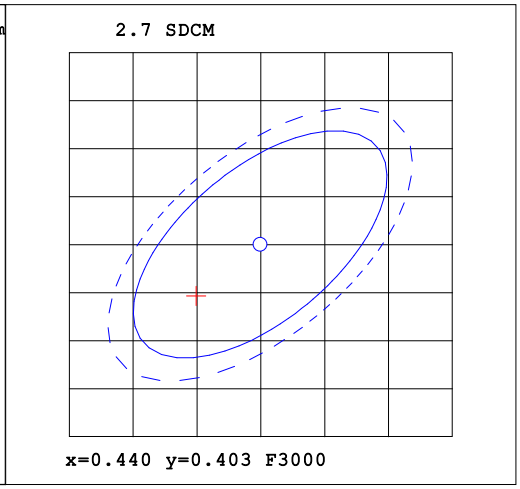
Sample	:	Date	: 2026-02-05 19:20:18
Specification	: UFO02-100W-150W-200W_30K-40K-57K	Sam. Status	:
Sample No.	: 253306-6 100w30k	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Assessor	: damin		
Remark	:	Test by	: GJJ
Device SN	:		

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 47648 (73%)
Test Mode	: Fast Test	T	: 58 ms
Sensitivity	: Low		

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.4350 y = 0.3976 / u' = 0.2521 v' = 0.5185 (duv=-2.32e-03)

CCT= 2980K Prcp WL: Ld=583.8nm Purity=49.9%

Peak WL: Lp=601nm FWHM: =114.5nm Ratio:R=22.8% G=74.6% B=2.6%

Render Index: Ra = 80.0 AvgR = 74.4 TM30:Rf=82 Rg=95

EEI: 0.08235 A++ Highest

R1 =78	R2 =91	R3 =94	R4 =77	R5 =79	R6 =89	R7 =79	
R8 =53	R9 =0	R10=80	R11=76	R12=71	R13=82	R14=97	R15=71

Photometric & Radiometric Parameters

Flux = 16261 lm Eff. : 165.42 lm/W Fe = 48.705 W Scotopic:21755 S/P:1.3379

Electrical parameters

V = 232.23 V I = 0.4402 A P = 98.30 W PF = 0.9616 F=49.99 Hz

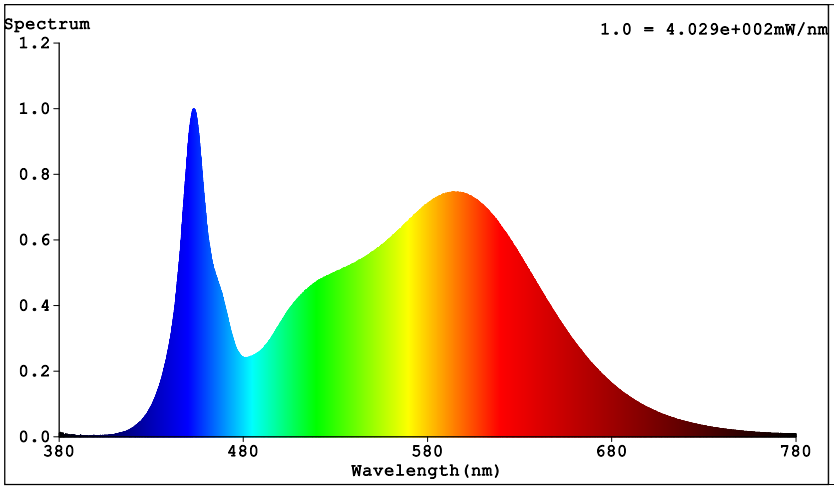
Spectrum Test Report

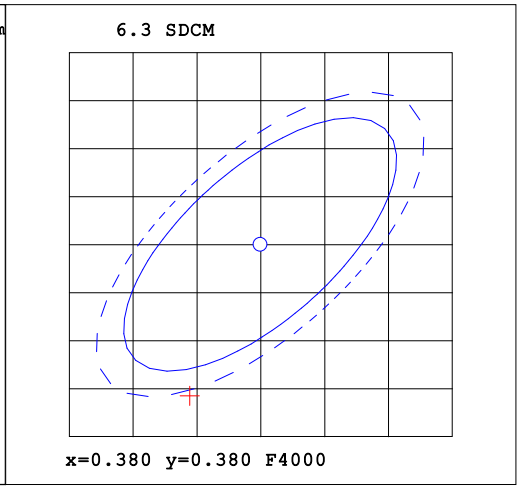
Sample	:	Date	: 2026-02-05 19:21:29
Specification	: UFO02-100W-150W-200W_30K-40K-57K	Sam. Status	:
Sample No.	: 253306-6 100w40k	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Assessor	: damin		
Remark	:	Test by	: GJJ
Device SN	:		

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52723 (80%)
Test Mode	: Fast Test	T	: 73 ms
Sensitivity	: Low		

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.3745 y = 0.3643 / u' = 0.2262 v' = 0.4950 (duv=-4.19e-03)

CCT= 4075K Prcp WL: Ld=581.6nm Purity=21.7%

Peak WL: Lp=453nm FWHM: =20.0nm Ratio:R=18.6% G=77.3% B=4.1%

Render Index: Ra = 84.7 AvgR = 79.1 TM30:Rf=84 Rg=96

EEI: 0.07716 A++ Highest

R1 =84	R2 =93	R3 =95	R4 =83	R5 =84	R6 =88	R7 =85	
R8 =66	R9 =15	R10=82	R11=82	R12=65	R13=87	R14=98	R15=79

Photometric & Radiometric Parameters

Flux = 16908 lm Eff. : 176.54 lm/W Fe = 52.441 W Scotopic:29745 S/P:1.7592

Electrical parameters

V = 232.23 V I = 0.4297 A P = 95.78 W PF = 0.9598 F=49.99 Hz

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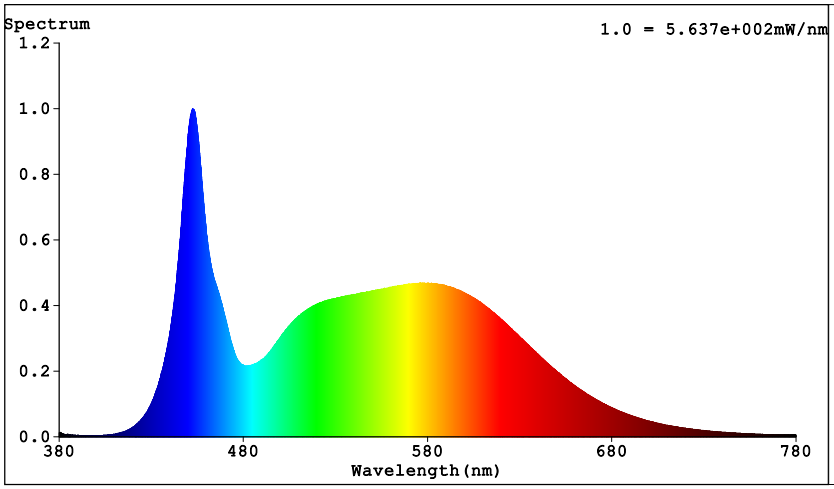
Spectrum Test Report

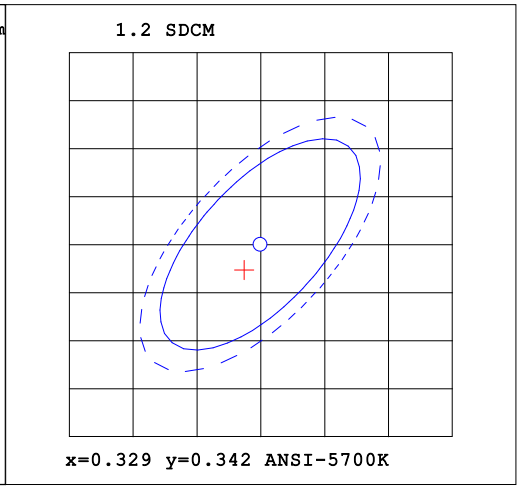
Sample	:	Date	: 2026-02-05 19:22:17
Specification	: UFO02-100W-150W-200W_30K-40K-57K	Sam. Status	:
Sample No.	: 253306-6 100w57k	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Assessor	: damin		
Remark	:	Test by	: GJJ
Device SN	:		

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 45458 (69%)
Test Mode	: Fast Test	T	: 73 ms
Sensitivity	: Low		

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.3274 y = 0.3390 / u' = 0.2042 v' = 0.4758 (duv=1.23e-03)

CCT= 5727K Prcp WL: Ld=504.9nm Purity=1.8%

Peak WL: Lp=453nm FWHM: =19.3nm Ratio:R=14.7% G=80.1% B=5.2%

Render Index: Ra = 84.3 AvgR = 77.6 TM30:Rf=84 Rg=95

EEI: 0.07893 A++ Highest

R1 =83	R2 =90	R3 =93	R4 =84	R5 =83	R6 =85	R7 =88	
R8 =70	R9 =12	R10=75	R11=83	R12=60	R13=85	R14=96	R15=79

Photometric & Radiometric Parameters

Flux = 16981 lm Eff. : 172.59 lm/W Fe = 54.097 W Scotopic:36113 S/P:2.1267

Electrical parameters

V = 232.22 V I = 0.4406 A P = 98.39 W PF = 0.9617 F=49.99 Hz

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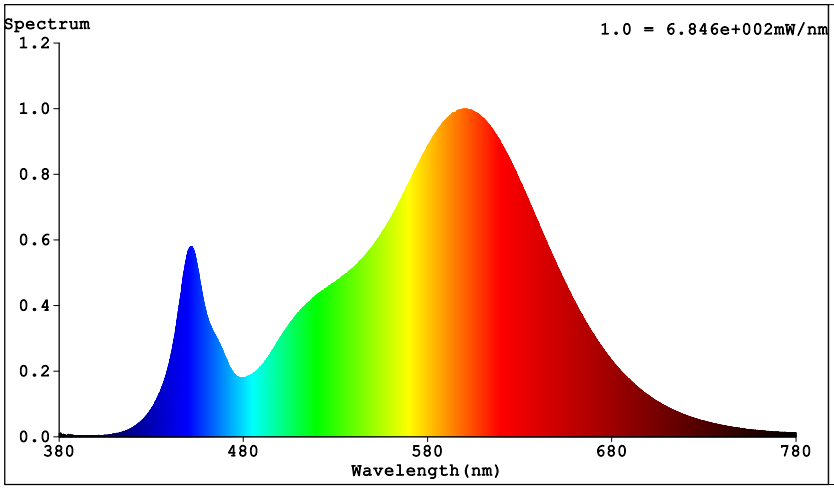
Spectrum Test Report

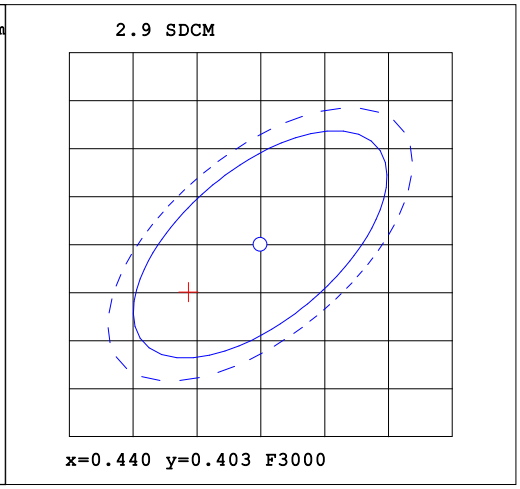
Sample	:	Date	: 2026-02-05 20:36:04
Specification	: UFO02-100W-150W-200W_30K-40K-57K	Sam. Status	:
Sample No.	: 253306-6 200w30k	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Assessor	: damin		
Remark	:	Test by	: GJJ
Device SN	:		

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53304 (81%)
Test Mode	: Fast Test	T	: 35 ms
Sensitivity	: Low		

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.4344 y = 0.3981 / u' = 0.2515 v' = 0.5186 (duv=-2.07e-03)

CCT= 2994K Prcp WL: Ld=583.6nm Purity=49.8%

Peak WL: Lp=600nm FWHM: =115.7nm Ratio:R=22.7% G=74.8% B=2.6%

Render Index: Ra = 79.9 AvgR = 74.2 TM30:Rf=81 Rg=96

EEI: 0.08392 A++ Highest

R1 =78	R2 =90	R3 =94	R4 =77	R5 =79	R6 =88	R7 =79	
R8 =53	R9 =0	R10=79	R11=76	R12=71	R13=81	R14=98	R15=70

Photometric & Radiometric Parameters

Flux = 32708 lm Eff. : 162.32 lm/W Fe = 97.869 W Scotopic:43709 S/P:1.3363

Electrical parameters

V = 232.15 V I = 0.8785 A P = 201.5 W PF = 0.9881 F=49.99 Hz

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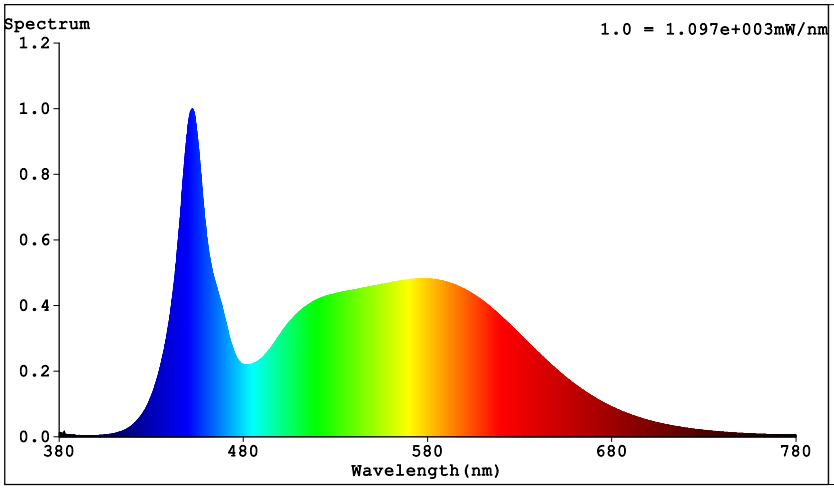
Spectrum Test Report

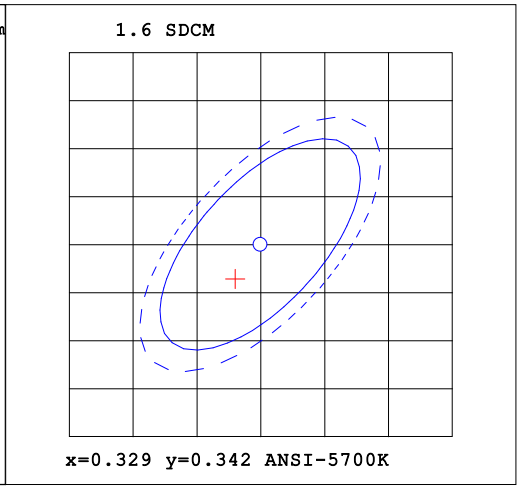
Sample	:	Date	: 2026-02-05 20:37:28
Specification	: UFO02-100W-150W-200W_30K-40K-57K	Sam. Status	:
Sample No.	: 253306-6 200w57k	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Assessor	: damin		
Remark	:	Test by	: GJJ
Device SN	:		

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 51922 (79%)
Test Mode	: Fast Test	T	: 45 ms
Sensitivity	: Low		

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.3267 y = 0.3381 / u' = 0.2041 v' = 0.4752 (duv=1.09e-03)

CCT= 5760K Prcp WL: Ld=501.3nm Purity=2.0%

Peak WL: Lp=452nm FWHM: =20.4nm Ratio:R=14.6% G=80.2% B=5.2%

Render Index: Ra = 84.1 AvgR = 77.4 TM30:Rf=84 Rg=95

EEI: 0.08073 A++ Highest

R1 =83	R2 =89	R3 =92	R4 =84	R5 =83	R6 =84	R7 =88	
R8 =70	R9 =12	R10=73	R11=83	R12=60	R13=85	R14=96	R15=78

Photometric & Radiometric Parameters

Flux = 34014 lm Eff. : 168.74 lm/W Fe = 108.59 W Scotopic:72224 S/P:2.1234

Electrical parameters

V = 232.12 V I = 0.8789 A P = 201.6 W PF = 0.9881 F=49.99 Hz

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