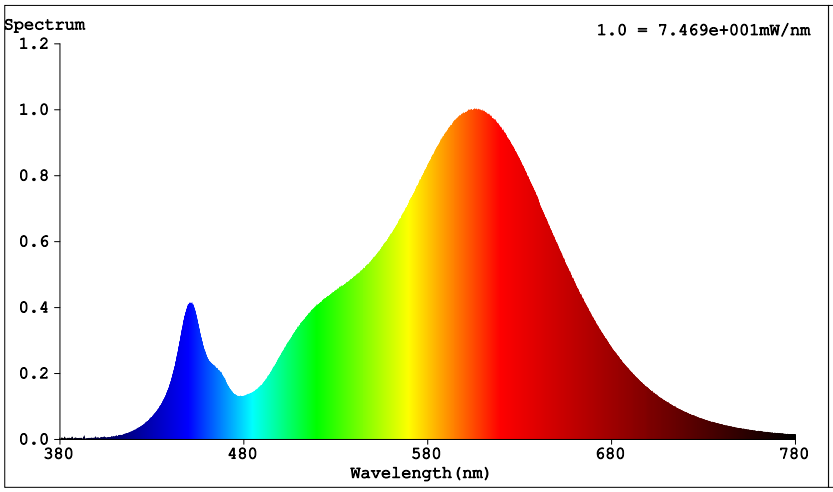
Spectrum Test Report

Sample	:	Date	: 2023-10-09 14:20:27
Specification	: LL286-12S4P--560*20MM-21046	Standardtus	:
Sample No.	: 2700K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

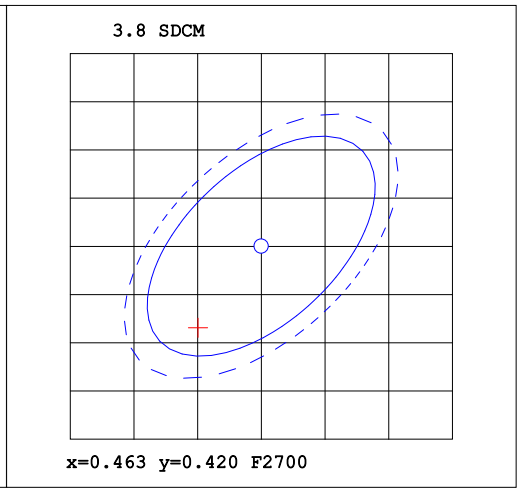
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 51652 (79%)
Test Mode	: Accuracy Test	T	: 250 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4580 y = 0.4115 / u' = 0.2609 v' = 0.5274 (duv=5.06e-04) Du,Dv:-0.0001,0.0005

CCT= 2733K Prcp WL: Ld=583.9nm Purity=61.0%

Peak WL: Lp=606nm FWHM: =115.7nm Ratio:R=24.7% G=73.3% B=2.0%

Render Index: Ra = 81.4

R1 =80	R2 =90	R3 =97	R4 =79	R5 =80	R6 =89	R7 =82	
R8 =56	R9 =3	R10=78	R11=79	R12=71	R13=82	R14=99	R15=71

Photometric & Radiometric Parameters

Flux = 3418.7 lm Eff. : 170.11 lm/W Fe = 10.366 W

Electrical parameters

V = 33.48 V I = 0.6002 A P = 20.10 W PF = 1.000 F=0.00 Hz

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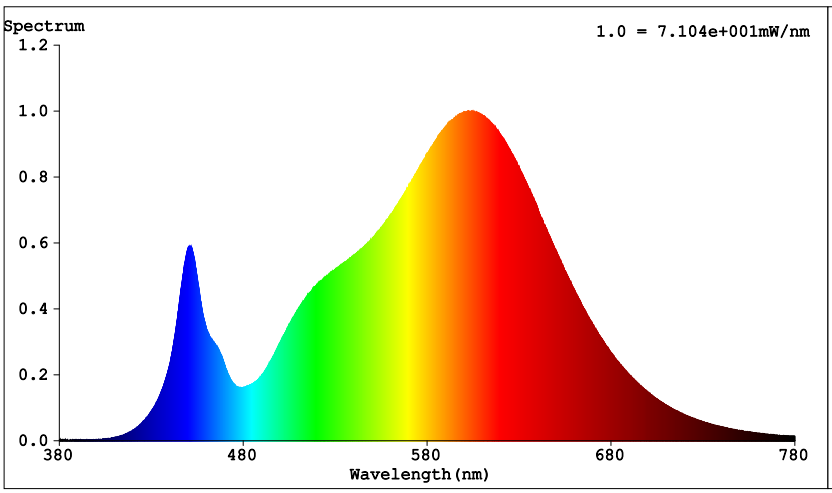
Spectrum Test Report

Sample	:	Date	: 2023-10-09 14:29:18
Specification	: LL286-12S4P--560*20MM-21046	Standardtus	:
Sample No.	: 3000K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

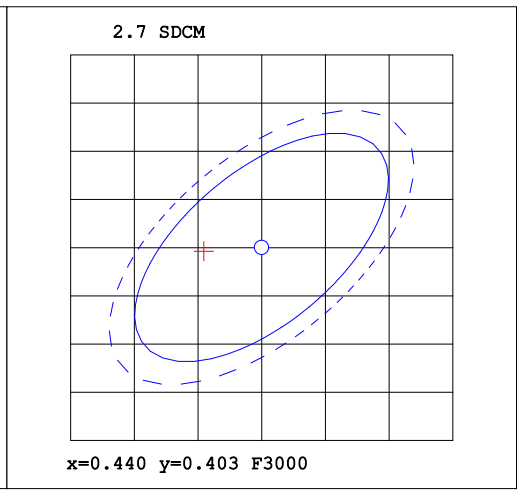
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 49422 (75%)
Test Mode	: Accuracy Test	T	: 252 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4355 y = 0.4026 / u' = 0.2503 v' = 0.5206 (duv=-3.88e-04) Du,Dv:0.0001,-0.0004

CCT= 3013K Prcp WL: Ld=582.9nm Purity=51.5%

Peak WL: Lp=603nm FWHM: =130.7nm Ratio:R=22.8% G=74.8% B=2.4%

Render Index: Ra = 82.3

R1 =81	R2 =90	R3 =97	R4 =81	R5 =81	R6 =88	R7 =83	
R8 =59	R9 =6	R10=77	R11=80	R12=69	R13=83	R14=99	R15=73

Photometric & Radiometric Parameters

Flux = 3482.4 lm Eff. : 173.36 lm/W Fe = 10.527 W

Electrical parameters

V = 33.47 V I = 0.6001 A P = 20.09 W PF = 1.000 F=0.00 Hz

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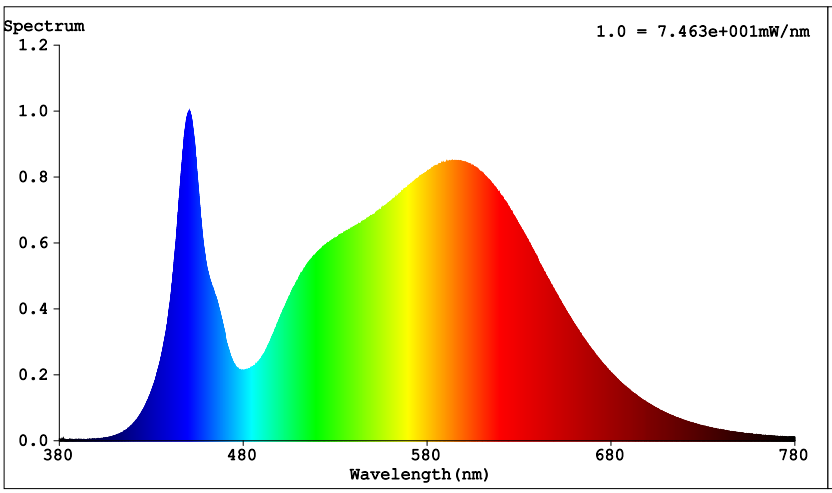
Spectrum Test Report

Sample	:	Date	: 2023-10-09 14:37:28
Specification	: LL286-12S4P--560*20MM-21046	Standardtus	:
Sample No.	: 4000K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

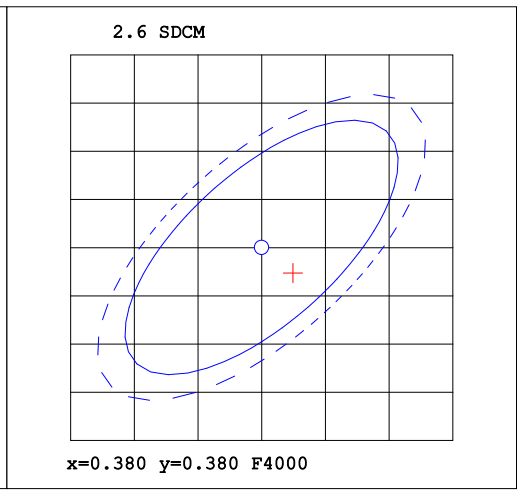
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 49192 (75%)
Test Mode	: Accuracy Test	T	: 287 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3825 y = 0.3774 / u' = 0.2262 v' = 0.5021 (duv=-3.04e-04) Du,Dv:0.0002,-0.0003

CCT= 3950K Prcp WL: Ld=579.4nm Purity=28.0%

Peak WL: Lp=451nm FWHM: =19.6nm Ratio:R=18.5% G=78.1% B=3.3%

Render Index: Ra = 82.9

R1 =82	R2 =88	R3 =93	R4 =82	R5 =81	R6 =84	R7 =86
R8 =66	R9 =11	R10=72	R11=81	R12=61	R13=83	R14=96	R15=76

Photometric & Radiometric Parameters

Flux = 3657.6 lm Eff. : 182.11 lm/W Fe = 11.127 W

Electrical parameters

V = 33.47 V I = 0.6001 A P = 20.08 W PF = 1.000 F=0.00 Hz

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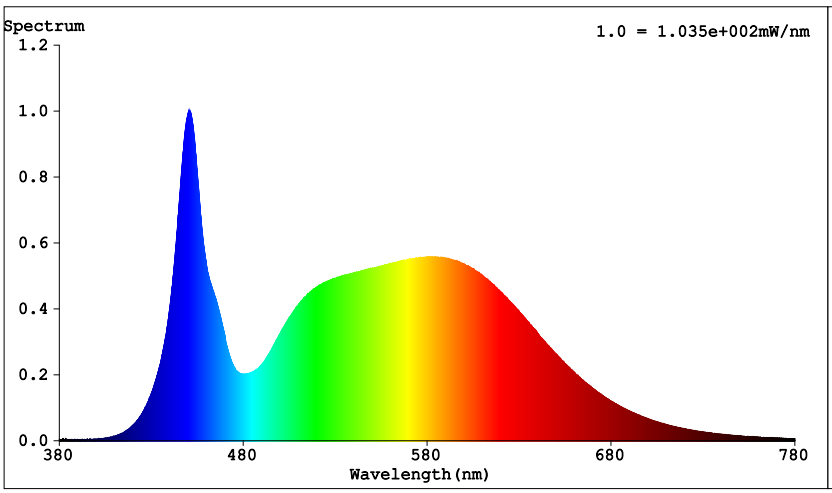
Spectrum Test Report

Sample	:	Date	: 2023-10-09 14:54:33
Specification	: LL286-12S4P--560*20MM-21046	Standardtus	:
Sample No.	: 5000K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

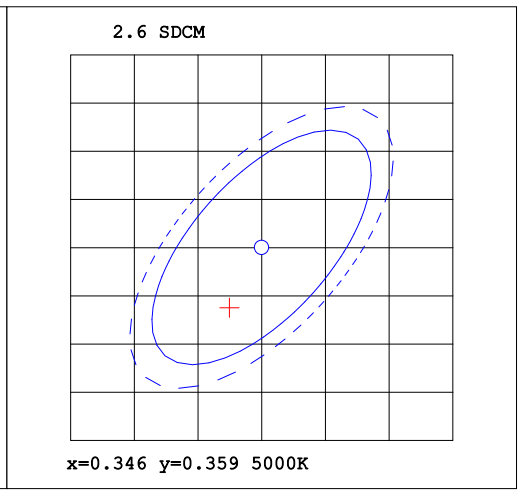
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 49688 (76%)
Test Mode	: Accuracy Test	T	: 325 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3435 y = 0.3527 / u' = 0.2099 v' = 0.4850 (duv=1.23e-03) Du,Dv:-0.0009,0.0009

CCT= 5067K Prcp WL: Ld=570.4nm Purity=8.9%

Peak WL: Lp=451nm FWHM: =19.3nm Ratio:R=15.7% G=80.0% B=4.3%

Render Index: Ra = 83.0

R1 =82	R2 =87	R3 =91	R4 =83	R5 =82	R6 =82	R7 =87
R8 =68	R9 =10	R10=70	R11=83	R12=61	R13=83	R14=95	R15=77

Photometric & Radiometric Parameters

Flux = 3666.1 lm Eff. : 182.60 lm/W Fe = 11.453 W

Electrical parameters

V = 33.44 V I = 0.6003 A P = 20.08 W PF = 1.000 F=0.00 Hz

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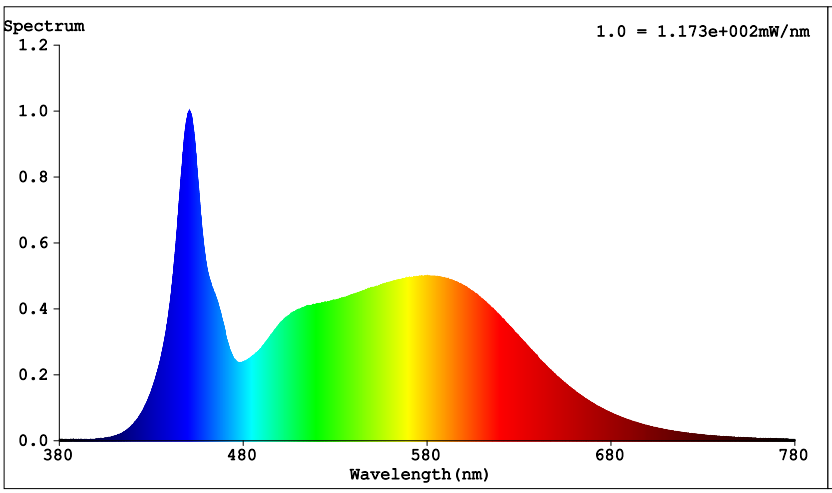
Spectrum Test Report

Sample	:	Date	: 2023-10-09 15:03:22
Specification	: LL286-12S4P--560*20MM-21046	Standardtus	:
Sample No.	: 5700K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

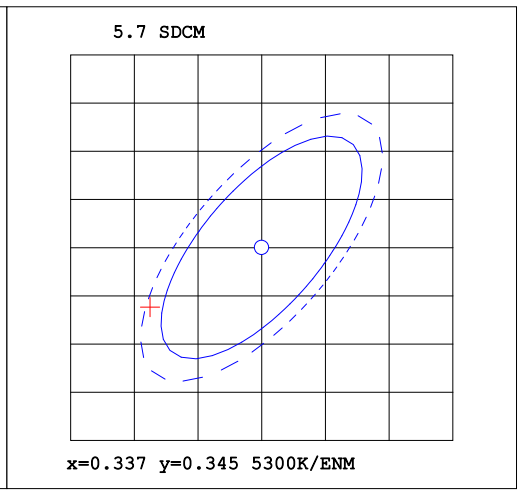
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48803 (74%)
Test Mode	: Accuracy Test	T	: 316 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3282 y = 0.3388 / u' = 0.2048 v' = 0.4758 (duv=7.50e-04) Du,Dv:-0.0006,0.0005

CCT= 5690K Prcp WL: Ld=506.5nm Purity=1.6%

Peak WL: Lp=451nm FWHM: =19.4nm Ratio:R=14.7% G=80.0% B=5.4%

Render Index: Ra = 84.1

R1 =82	R2 =90	R3 =93	R4 =84	R5 =84	R6 =85	R7 =87	
R8 =68	R9 =7	R10=75	R11=84	R12=65	R13=84	R14=97	R15=77

Photometric & Radiometric Parameters

Flux = 3716.0 lm Eff. : 184.70 lm/W Fe = 11.806 W

Electrical parameters

V = 33.52 V I = 0.6002 A P = 20.12 W PF = 1.000 F=0.00 Hz

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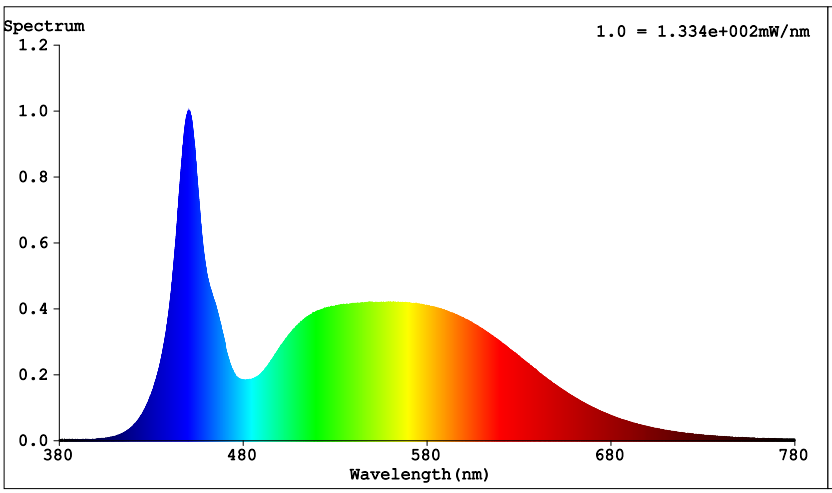
Spectrum Test Report

Sample	:	Date	: 2023-10-09 15:12:27
Specification	: LL286-12S4P--560*20MM-21046	Standardtus	:
Sample No.	: 6500K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

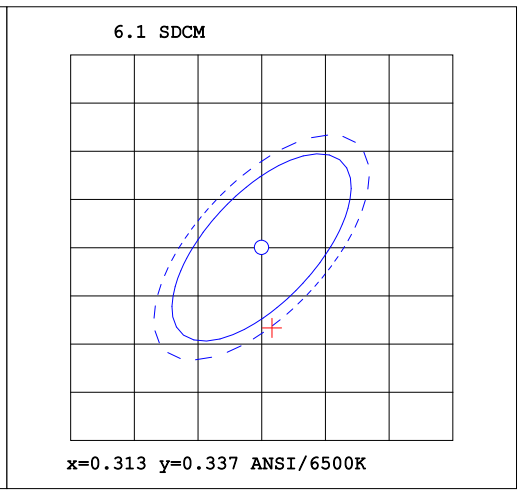
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 51549 (79%)
Test Mode	: Accuracy Test	T	: 313 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3138 y = 0.3287 / u' = 0.1987 v' = 0.4683 (duv=2.46e-03) Du,Dv:-0.0020,0.0014

CCT= 6446K Prcp WL: Ld=488.6nm Purity=6.9%

Peak WL: Lp=450nm FWHM: =18.8nm Ratio:R=13.6% G=81.2% B=5.2%

Render Index: Ra = 82.8

R1 =81	R2 =86	R3 =88	R4 =84	R5 =82	R6 =81	R7 =88	
R8 =71	R9 =10	R10=67	R11=83	R12=57	R13=83	R14=94	R15=78

Photometric & Radiometric Parameters

Flux = 3649.7 lm Eff. : 181.39 lm/W Fe = 11.806 W

Electrical parameters

V = 33.52 V I = 0.6002 A P = 20.12 W PF = 1.000 F=0.00 Hz

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