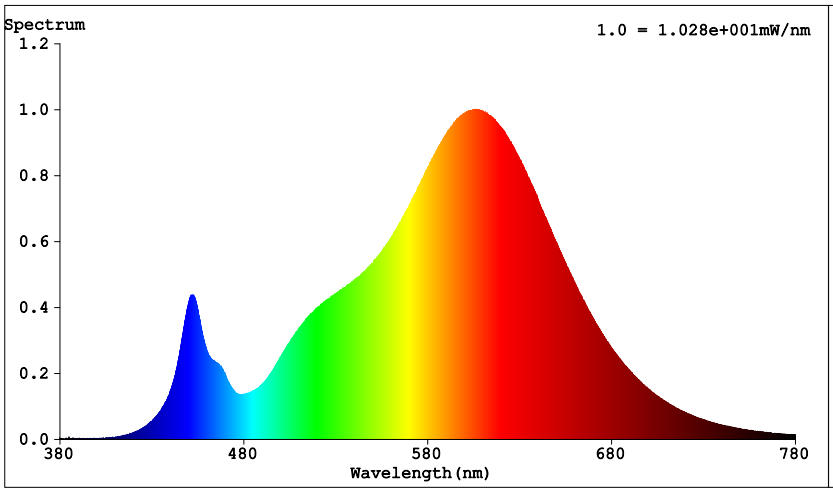
Spectrum Test Report

Sample	:	Date	: 2023-10-09 11:46:09
Specification	: LL286-12S1P--70*20MM-21041	Standardtus	:
Sample No.	: 2700K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

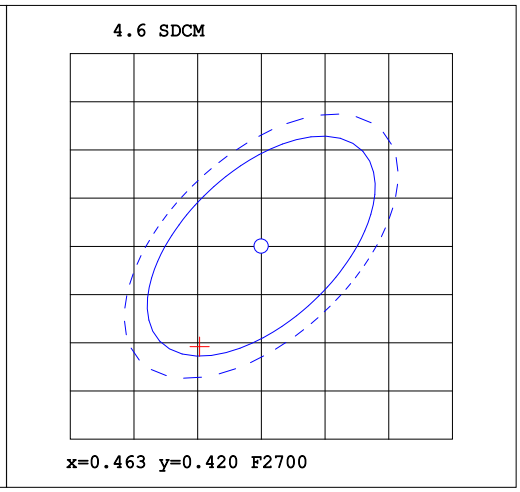
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48834 (75%)
Test Mode	: Accuracy Test	T	: 1716 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4582 y = 0.4096 / u' = 0.2619 v' = 0.5267 (duv=-2.39e-04) Du,Dv:0.0001,-0.0002

CCT= 2716K Prcp WL: Ld=584.2nm Purity=60.5%

Peak WL: Lp=606nm FWHM: =113.7nm Ratio:R=24.9% G=73.0% B=2.1%

Render Index: Ra = 81.7

R1 =80	R2 =91	R3 =96	R4 =79	R5 =80	R6 =90	R7 =81	
R8 =56	R9 =4	R10=80	R11=79	R12=72	R13=83	R14=99	R15=72

Photometric & Radiometric Parameters

Flux = 467.09 lm Eff. : 182.13 lm/W Fe = 1.4239 W

Electrical parameters

V = 32.06 V I = 0.08000 A P = 2.565 W PF = 1.000 F=0.00 Hz

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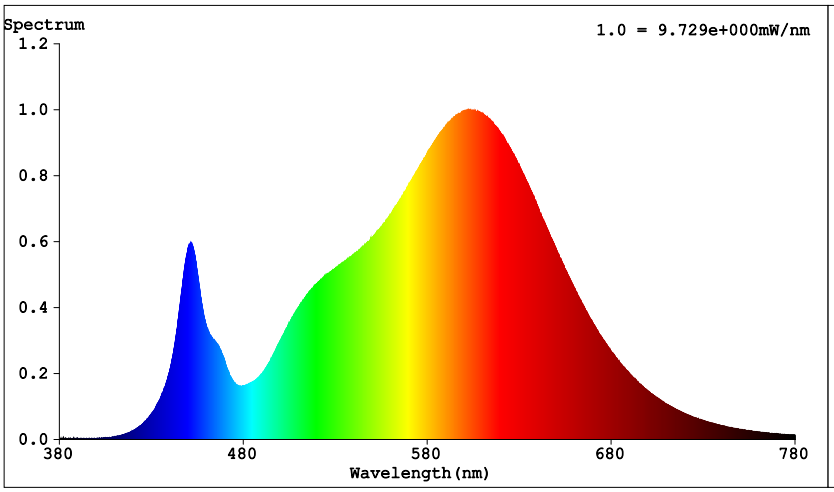
Spectrum Test Report

Sample	:	Date	: 2023-10-09 12:00:33
Specification	: LL286-12S1P--70*20MM-21041	Standardtus	:
Sample No.	: 3000K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

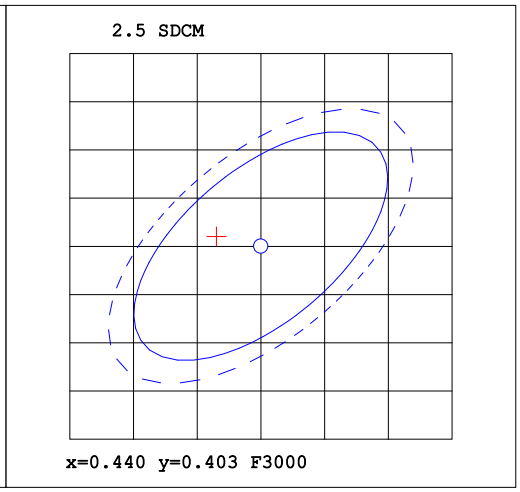
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48715 (74%)
Test Mode	: Accuracy Test	T	: 1816 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4365 y = 0.4040 / u' = 0.2503 v' = 0.5213 (duv=2.58e-05) Du,Dv:-0.0000,0.0000

CCT= 3006K Prcp WL: Ld=582.8nm Purity=52.3%

Peak WL: Lp=603nm FWHM: =131.0nm Ratio:R=22.9% G=74.8% B=2.4%

Render Index: Ra = 82.4

R1 =81	R2 =90	R3 =97	R4 =81	R5 =81	R6 =88	R7 =83	
R8 =59	R9 =7	R10=77	R11=80	R12=68	R13=83	R14=99	R15=73

Photometric & Radiometric Parameters

Flux = 476.46 lm Eff. : 185.76 lm/W Fe = 1.4373 W

Electrical parameters

V = 32.06 V I = 0.08000 A P = 2.565 W PF = 1.000 F=0.00 Hz

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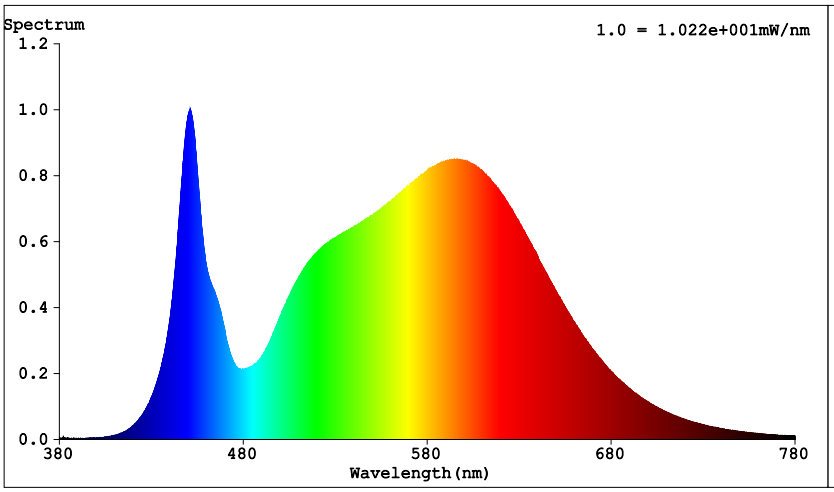
Spectrum Test Report

Sample	:	Date	: 2023-10-09 12:12:35
Specification	: LL286-12S1P--70*20MM-21041	Standardtus	:
Sample No.	: 4000K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

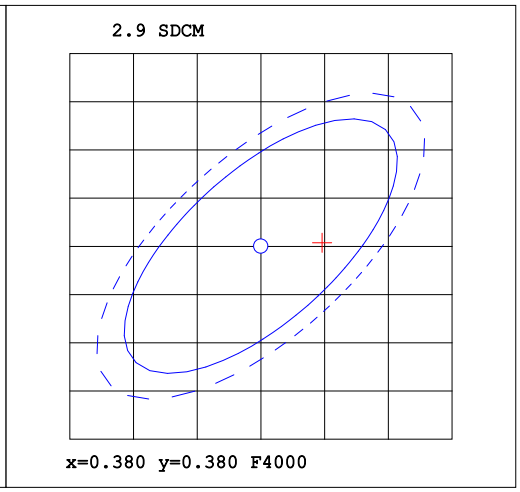
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48334 (74%)
Test Mode	: Accuracy Test	T	: 2059 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3848 y = 0.3804 / u' = 0.2265 v' = 0.5038 (duv=4.32e-04) Du,Dv:-0.0002,0.0004

CCT= 3911K Prcp WL: Ld=579.2nm Purity=29.6%

Peak WL: Lp=451nm FWHM: =18.3nm Ratio:R=18.6% G=78.1% B=3.3%

Render Index: Ra = 82.9

R1 =81	R2 =89	R3 =94	R4 =82	R5 =81	R6 =84	R7 =87
R8 =65	R9 =11	R10=72	R11=81	R12=60	R13=83	R14=96	R15=76

Photometric & Radiometric Parameters

Flux = 499.51 lm Eff. : 194.38 lm/W Fe = 1.5118 W

Electrical parameters

V = 32.12 V I = 0.08000 A P = 2.570 W PF = 1.000 F=0.00 Hz

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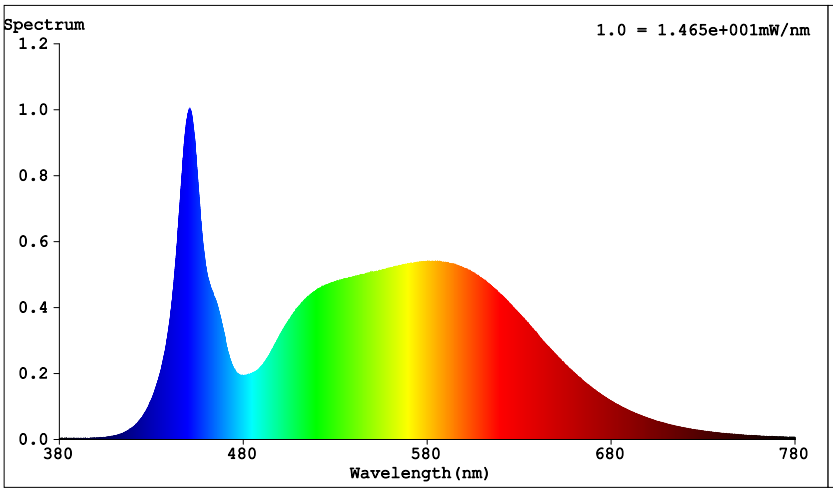
Spectrum Test Report

Sample	:	Date	: 2023-10-09 13:39:40
Specification	: LL286-12S1P--70*20MM-21041	Standardtus	:
Sample No.	: 5000K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

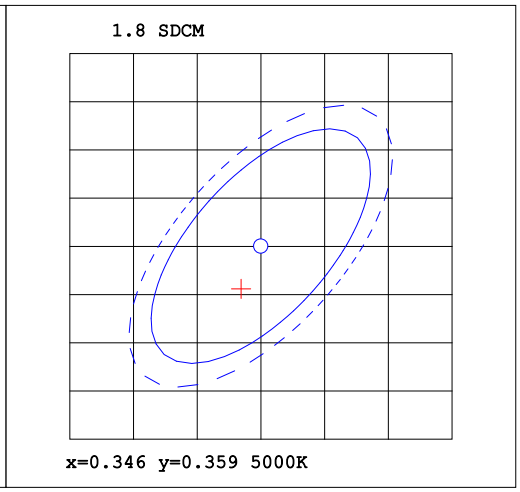
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48808 (74%)
Test Mode	: Accuracy Test	T	: 2330 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3444 y = 0.3546 / u' = 0.2098 v' = 0.4860 (duv=1.75e-03) Du,Dv:-0.0012,0.0012

CCT= 5035K Prcp WL: Ld=570.5nm Purity=9.7%

Peak WL: Lp=451nm FWHM: =17.7nm Ratio:R=15.7% G=80.0% B=4.3%

Render Index: Ra = 82.9

R1 =81	R2 =87	R3 =91	R4 =83	R5 =82	R6 =83	R7 =87	
R8 =68	R9 =10	R10=70	R11=83	R12=60	R13=83	R14=95	R15=77

Photometric & Radiometric Parameters

Flux = 503.29 lm Eff. : 195.92 lm/W Fe = 1.5651 W

Electrical parameters

V = 32.11 V I = 0.08000 A P = 2.569 W PF = 1.000 F=0.00 Hz

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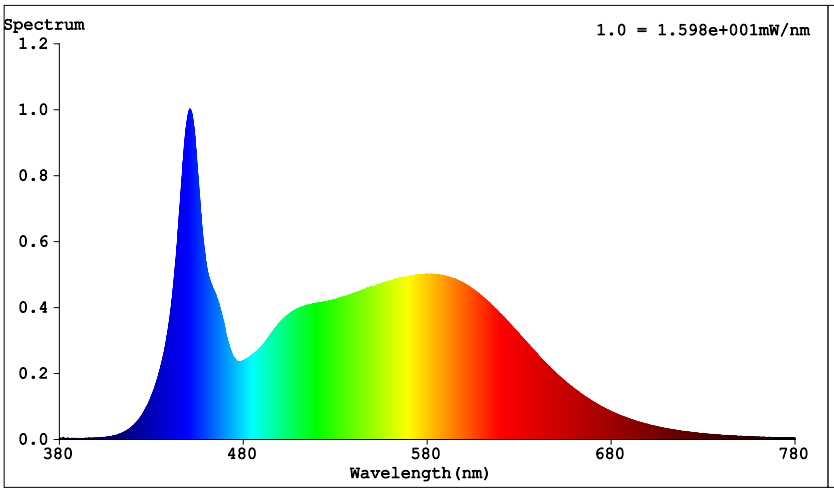
Spectrum Test Report

Sample	:	Date	: 2023-10-09 13:52:27
Specification	: LL286-12S1P--70*20MM-21041	Standardtus	:
Sample No.	: 5700K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

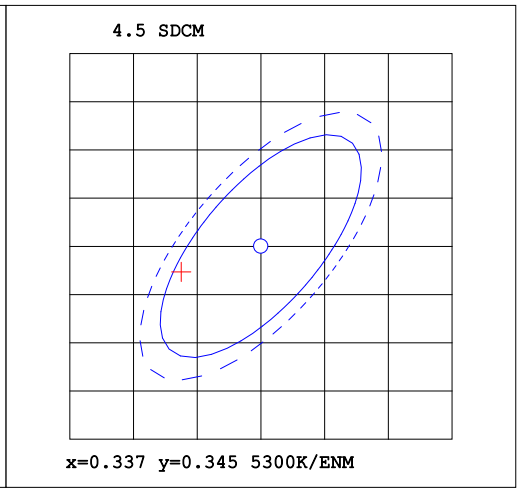
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48716 (74%)
Test Mode	: Accuracy Test	T	: 2308 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3308 y = 0.3423 / u' = 0.2052 v' = 0.4779 (duv=1.41e-03) Du,Dv:-0.0011,0.0009

CCT= 5575K Prcp WL: Ld=537.0nm Purity=2.1%

Peak WL: Lp=451nm FWHM: =18.3nm Ratio:R=14.8% G=79.9% B=5.3%

Render Index: Ra = 84.0

R1 =82	R2 =90	R3 =94	R4 =84	R5 =84	R6 =85	R7 =87	
R8 =67	R9 =5	R10=76	R11=83	R12=64	R13=84	R14=97	R15=77

Photometric & Radiometric Parameters

Flux = 506.66 lm Eff. : 197.08 lm/W Fe = 1.5983 W

Electrical parameters

V = 32.13 V I = 0.08000 A P = 2.571 W PF = 1.000 F=0.00 Hz

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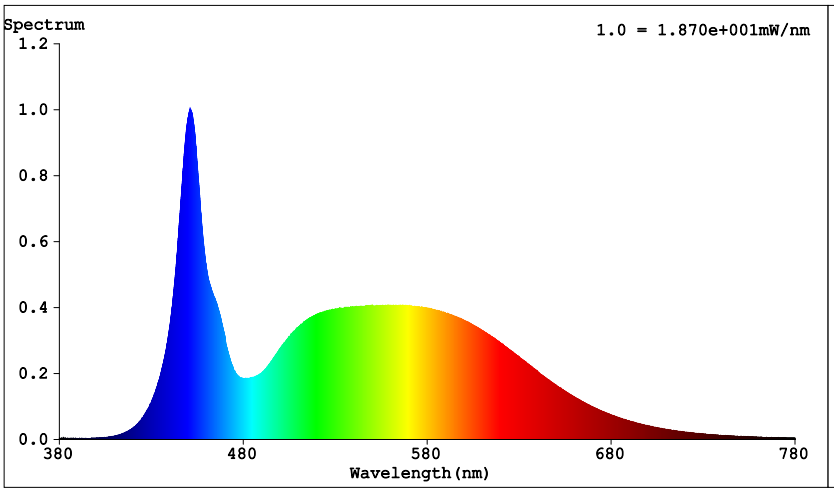
Spectrum Test Report

Sample	:	Date	: 2023-10-09 14:04:04
Specification	: LL286-12S1P--70*20MM-21041	Standardtus	:
Sample No.	: 6500K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

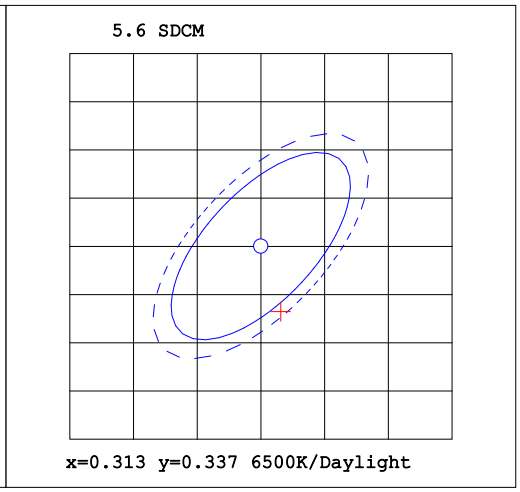
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 46742 (71%)
Test Mode	: Accuracy Test	T	: 2020 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3146 y = 0.3302 / u' = 0.1987 v' = 0.4692 (duv=2.88e-03) Du,Dv:-0.0023,0.0017

CCT= 6395K Prcp WL: Ld=489.6nm Purity=6.6%

Peak WL: Lp=451nm FWHM: =17.5nm Ratio:R=13.6% G=81.0% B=5.3%

Render Index: Ra = 83.2

R1 =82	R2 =87	R3 =90	R4 =84	R5 =82	R6 =82	R7 =89	
R8 =71	R9 =11	R10=69	R11=83	R12=56	R13=83	R14=94	R15=78

Photometric & Radiometric Parameters

Flux = 496.64 lm Eff. : 193.35 lm/W Fe = 1.6016 W

Electrical parameters

V = 32.11 V I = 0.08000 A P = 2.569 W PF = 1.000 F=0.00 Hz

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