Photometric Spectrum
TEST REPORT

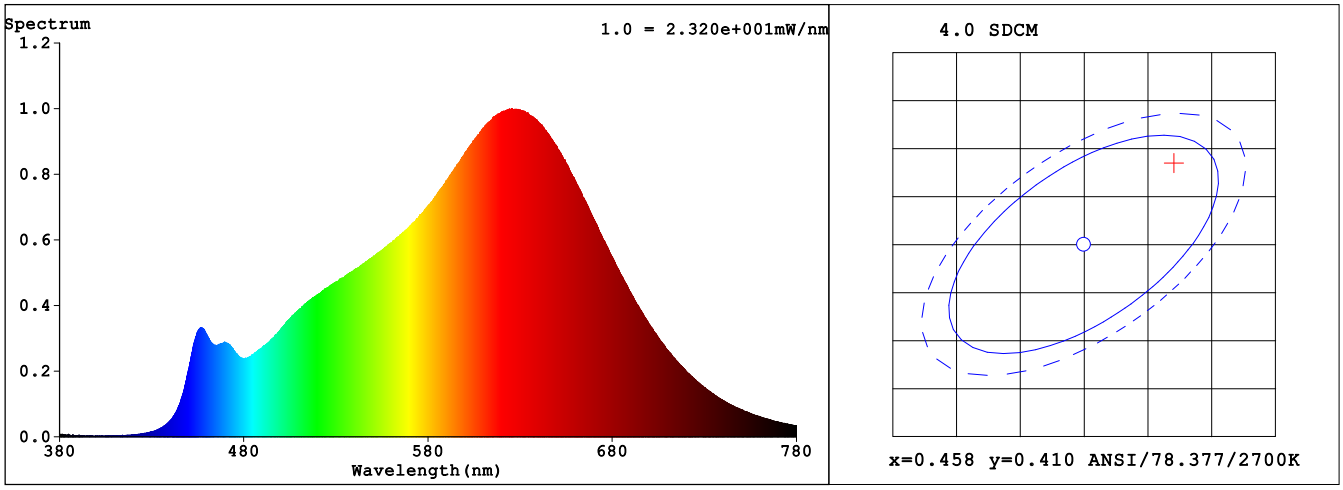
aspectLED

Date	: 2026-04-26	Sam. Status	: Finished product test
Test by	: E.V.	Instrument	: HaasSuite(EVERFINE)
Specification	: AL-SL-NU-IP68-12-27K	Remark	: 1M
Sample No.	: 1	Device SN	: HS-2000

Test Condition

Temprature	: 25Deg	RH	: 60.0%
WL Range	: 380nm-780nm	IP	: 53445 (82%)
Test Mode	: Fast Test	T	: 181 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4649 y = 0.4186 / u' = 0.2621 v' = 0.5311 (duv=2.19e-03)
CCT= 2693K Prcp WL: Ld=583.5nm Purity=65.2%
Peak WL: Lp=625nm FWHM: =146.6nm Ratio:R=26.6% G=70.6% B=2.8%
Render Index: Ra = 94.8 CRI = 93.1 TM30:Rf=90 Rg=96

EEI: 0.11486 A+

R1 =97	R2 =99	R3 =98	R4 =94	R5 =96	R6 =97	R7 =92	
R8 =85	R9 =70	R10=98	R11=97	R12=85	R13=98	R14=99	R15=92

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 1044.3 lm Eff. : 114.21 lm/W Fe = 3.7387 W

Electrical parameters

V = 12.00 V I = 0.7621 A P = 9.144 W PF = 1.000 F=0.00 Hz

EVERFINE

Photometric Spectrum
TEST REPORT

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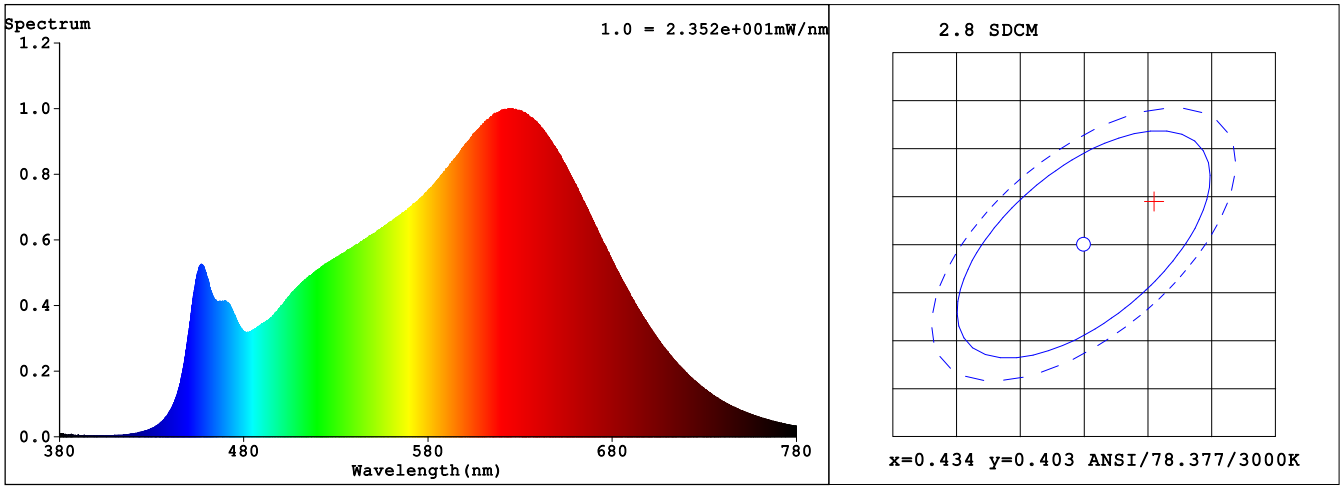
Date	: 2026-04-26	Sam. Status	: Finished product test
Test by	: E.V.	Instrument	: HaasSuite(EVERFINE)
Specification	: AL-SL-NU-IP68-12-3K	Remark	: 1M
Sample No.	: 1	Device SN	: HS-2000

Test Condition

Temprature	: 25Deg	RH	: 60.0%
WL Range	: 380nm-780nm	IP	: 55891 (85%)
Test Mode	: Fast Test	T	: 185 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4393 y = 0.4075 / u' = 0.2506 v' = 0.5231 (duv=8.27e-04)
CCT= 2988K Prcp WL: Ld=582.5nm Purity=54.2%
Peak WL: Lp=626nm FWHM: =165.3nm Ratio:R=24.7% G=71.9% B=3.5%
Render Index: Ra = 95.1 CRI = 93.7 TM30:Rf=91 Rg=97

EEI: 0.10805 A++ Highest

R1 =98	R2 =99	R3 =98	R4 =94	R5 =96	R6 =96	R7 =92	
R8 =88	R9 =75	R10=99	R11=97	R12=81	R13=99	R14=99	R15=94

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1151.3 lm Eff. : 123.51 lm/W Fe = 4.0765 W

Electrical parameters

V = 12.00 V I = 0.7769 A P = 9.321 W PF = 1.000 F=0.00 Hz

EVERFINE

Photometric Spectrum
TEST REPORT

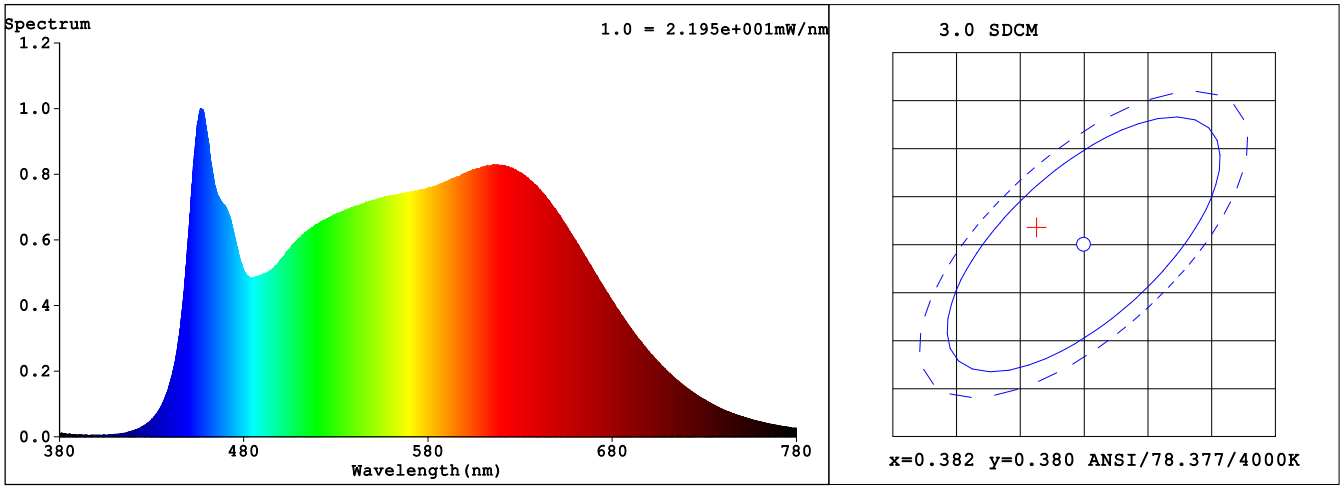
aspectLED

Date	: 2026-04-26	Sam. Status	: Finished product test
Test by	: E.V.	Instrument	: HaasSuite(EVERFINE)
Specification	: AL-SL-NU-IP68-12-4K	Remark	: 1M
Sample No.	: 1	Device SN	: HS-2000

Test Condition

Temprature	: 25Deg	RH	: 60.0%
WL Range	: 380nm-780nm	IP	: 53740 (82%)
Test Mode	: Fast Test	T	: 224 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.3781 y = 0.3815 / u' = 0.2217 v' = 0.5033 (duv=3.09e-03)
CCT= 4098K Prcp WL: Ld=577.2nm Purity=28.0%
Peak WL: Lp=457nm FWHM: =32.4nm Ratio:R=19.4% G=75.5% B=5.1%
Render Index: Ra = 93.5 CRI = 91.4 TM30:Rf=89 Rg=96

EEI: 0.10497 A++ Highest

R1 =96	R2 =99	R3 =97	R4 =89	R5 =93	R6 =97	R7 =90	
R8 =87	R9 =75	R10=98	R11=92	R12=70	R13=98	R14=99	R15=92

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1143.6 lm Eff. : 126.98 lm/W Fe = 3.9298 W

Electrical parameters

V = 12.00 V I = 0.7506 A P = 9.006 W PF = 1.000 F=0.00 Hz

EVERFINE

Photometric Spectrum
TEST REPORT

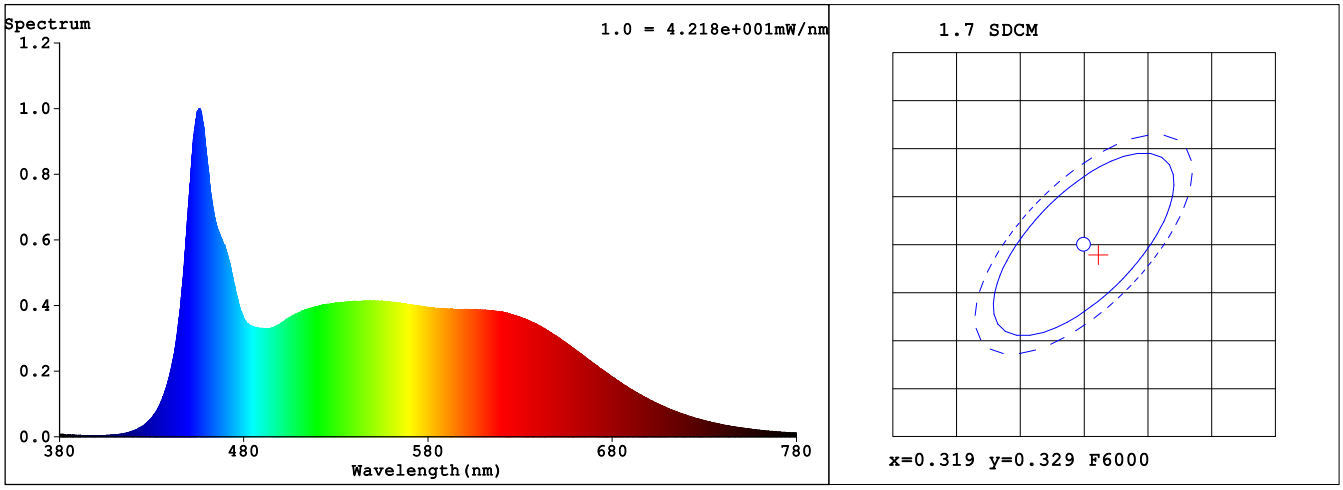
aspectLED

Date	: 2026-04-26	Sam. Status	: Finished product test
Test by	: E.V.	Instrument	: HaasSuite(EVERFINE)
Specification	: AL-SL-NU-IP68-12-6K	Remark	: 1M
Sample No.	: 1	Device SN	: HS-2000

Test Condition

Temprature	: 25Deg	RH	: 60.0%
WL Range	: 380nm-780nm	IP	: 51853 (79%)
Test Mode	: Fast Test	T	: 185 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.3198 y = 0.3284 / u' = 0.2030 v' = 0.4691 (duv=-6.58e-04)
CCT= 6127K Prcp WL: Ld=486.9nm Purity=4.9%
Peak WL: Lp=456nm FWHM: =26.2nm Ratio:R=16.2% G=76.7% B=7.1%
Render Index: Ra = 93.5 CRI = 92.5 TM30:Rf=90 Rg=99

EEI: 0.10401 A++ Highest

R1 =96	R2 =97	R3 =97	R4 =90	R5 =93	R6 =93	R7 =91	
R8 =91	R9 =90	R10=96	R11=94	R12=68	R13=98	R14=99	R15=94

LEVEL:OUT WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 1217.0 lm Eff. : 129.53 lm/W Fe = 4.4147 W

Electrical parameters

V = 12.00 V I = 0.7831 A P = 9.396 W PF = 1.000 F=0.00 Hz

EVERFINE

Photometric Spectrum
TEST REPORT

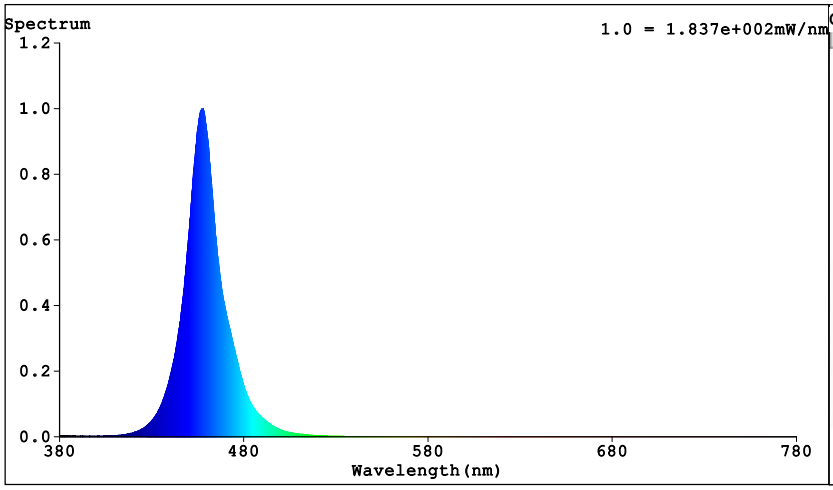
aspectLED

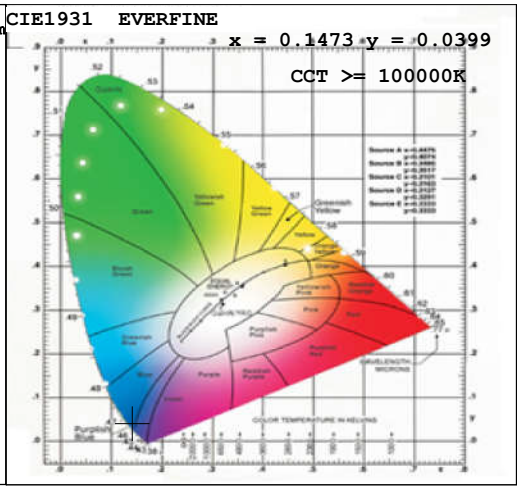
Date	: 2026-04-26	Sam. Status	: Finished product test
Test by	: E.V.	Instrument	: HaasSuite(EVERFINE)
Specification	: AL-SL-NU-IP68-12-BL	Remark	: 1M
Sample No.	: 1	Device SN	: HS-2000

Test Condition

Temprature	: 25Deg	RH	: 60.0%
WL Range	: 380nm-780nm	IP	: 55153 (84%)
Test Mode	: Fast Test	T	: 44 ms
Sensitivity	: High		

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.1473 y = 0.0399 / u' = 0.1850 v' = 0.1128 (duv=-1.93e-01)
CCT>=100000K Prcp WL: Ld=461.2nm Purity=97.3%
Peak WL: Lp=458nm FWHM: =18.5nm Ratio:R=0.3% G=9.2% B=90.6%
Render Index: Ra = 0.0 CRI = 0.0 TM30:Rf=0 Rg=22

EEI: 0.38058 B

R1 =0	R2 =0	R3 =0	R4 =0	R5 =0	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=0	R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 215.85 lm Eff. : 24.13 lm/W Fe = 4.4616 W

Electrical parameters

V = 12.00 V I = 0.7456 A P = 8.946 W PF = 1.000 F=0.00 Hz

EVERFINE

Photometric Spectrum
TEST REPORT

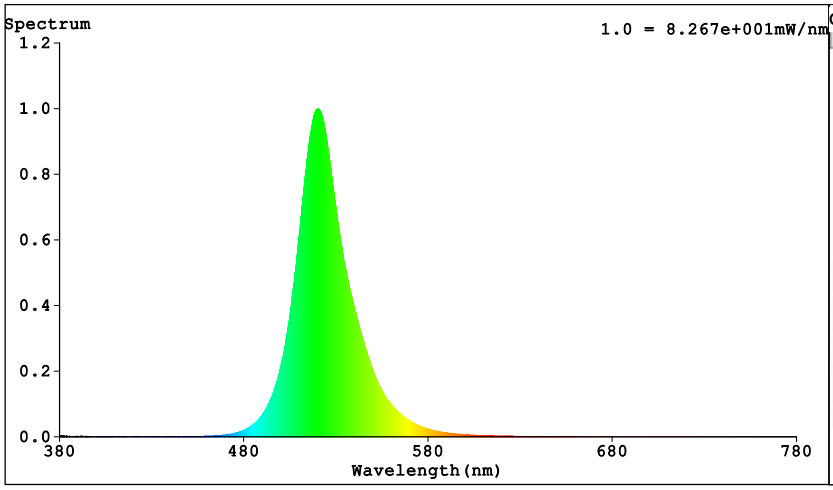
aspectLED

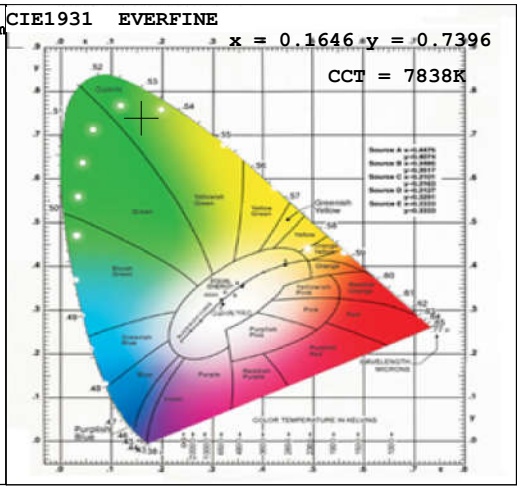
Date	: 2026-04-26	Sam. Status	: Finished product test
Test by	: E.V.	Instrument	: HaasSuite(EVERFINE)
Specification	: AL-SL-NU-IP68-12-GN	Remark	: 1M
Sample No.	: 1	Device SN	: HS-2000

Test Condition

Temprature	: 25Deg	RH	: 60.0%
WL Range	: 380nm-780nm	IP	: 52997 (81%)
Test Mode	: Fast Test	T	: 56 ms
Sensitivity	: High		

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.1646 y = 0.7396 / u' = 0.0570 v' = 0.5765 (duv=1.61e-01)
CCT= 7838K Prcp WL: Ld=527.2nm Purity=83.8%
Peak WL: Lp=521nm FWHM: =27.8nm Ratio:R=0.2% G=98.2% B=1.6%
Render Index: Ra = 0.0 CRI = 2.4 TM30:Rf=1 Rg=6

EEI: 0.09022 A++ Highest

R1 =0	R2 =0	R3 =0	R4 =0	R5 =0	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=35	R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 1388.8 lm Eff. : 150.99 lm/W Fe = 2.8192 W

Electrical parameters

V = 12.00 V I = 0.7666 A P = 9.198 W PF = 1.000 F=0.00 Hz

EVERFINE

Photometric Spectrum
TEST REPORT

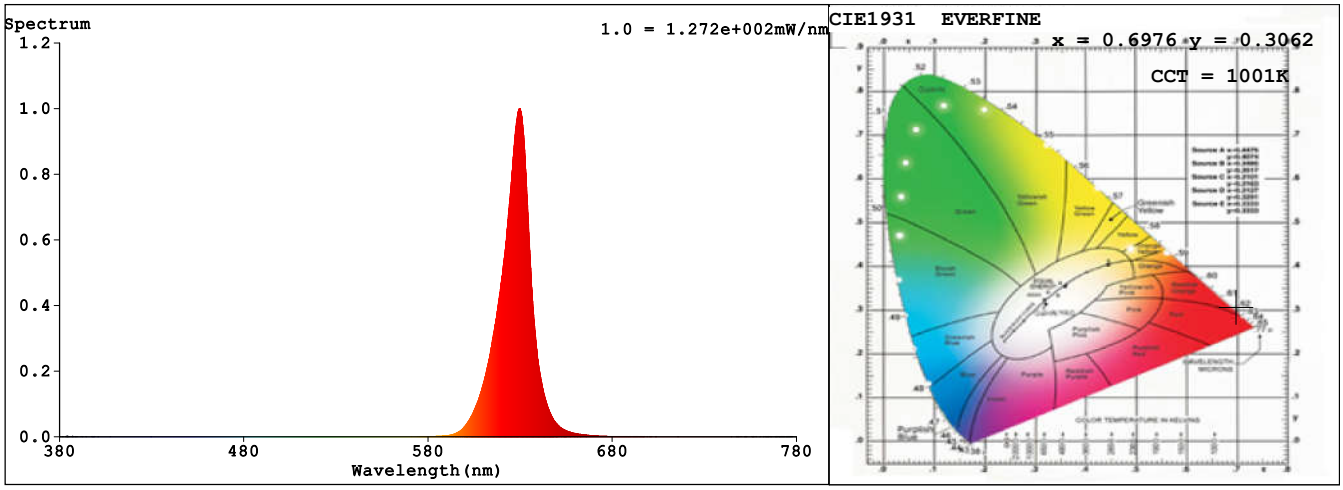
aspectLED

Date	: 2026-04-26	Sam. Status	: Finished product test
Test by	: E.V.	Instrument	: HaasSuite(EVERFINE)
Specification	: AL-SL-NU-IP68-12-RD	Remark	: 1M
Sample No.	: 1	Device SN	: HS-2000

Test Condition

Temprature	: 25Deg	RH	: 60.0%
WL Range	: 380nm-780nm	IP	: 55612 (85%)
Test Mode	: Fast Test	T	: 35 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.6976 y = 0.3062 / u' = 0.5285 v' = 0.5220 (duv=-8.00e-02)
CCT= 1001K Prcp WL: Ld=620.9nm Purity=100.0%
Peak WL: Lp=630nm FWHM: =15.4nm Ratio:R=98.3% G=1.7% B=0.0%
Render Index: Ra = 24.2 CRI = 28.5 TM30:Rf=0 Rg=0

EEI: 0.20368 A

R1 =2	R2 =78	R3 =24	R4 =0	R5 =0	R6 =90	R7 =0	
R8 =0	R9 =0	R10=71	R11=0	R12=79	R13=27	R14=56	R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 507.50 lm Eff. : 55.75 lm/W Fe = 2.4283 W

Electrical parameters

V = 12.00 V I = 0.7587 A P = 9.103 W PF = 1.000 F=0.00 Hz

EVERFINE

Photometric Spectrum
TEST REPORT

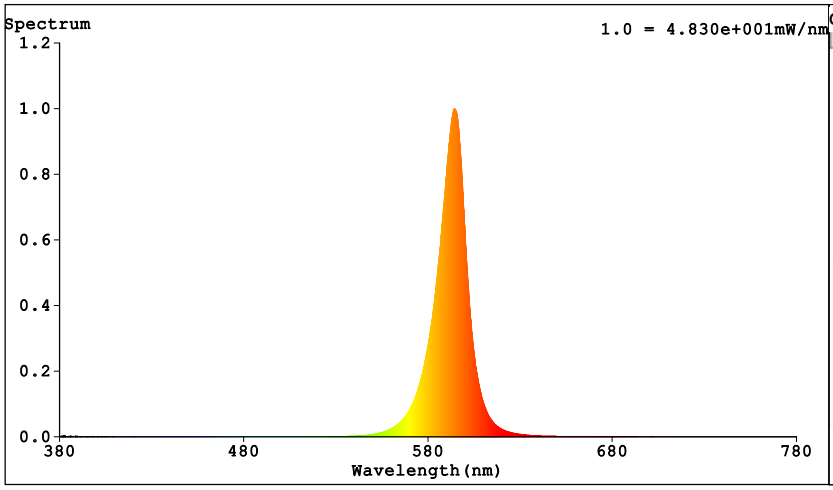
aspectLED

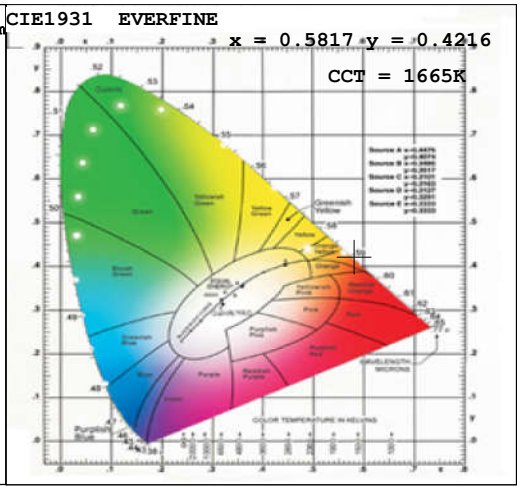
Date	: 2026-04-26	Sam. Status	: Finished product test
Test by	: E.V.	Instrument	: HaasSuite(EVERFINE)
Specification	: AL-SL-NU-IP68-12-YW	Remark	: 1M
Sample No.	: 1	Device SN	: HS-2000

Test Condition

Temprature	: 25Deg	RH	: 60.0%
WL Range	: 380nm-780nm	IP	: 52903 (81%)
Test Mode	: Fast Test	T	: 86 ms
Sensitivity	: High		

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.5817 y = 0.4216 / u' = 0.3374 v' = 0.5503 (duv=5.67e-03)
CCT= 1665K Prcp WL: Ld=590.6nm Purity=100.0%
Peak WL: Lp=594nm FWHM: =16.2nm Ratio:R=15.4% G=84.6% B=0.0%
Render Index: Ra = 12.8 CRI = 11.4 TM30:Rf=1 Rg=3

EEI: 0.23419 A

R1 =0	R2 =49	R3 =20	R4 =0	R5 =0	R6 =34	R7 =0	
R8 =0	R9 =0	R10=22	R11=0	R12=0	R13=0	R14=47	R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 476.35 lm Eff. : 47.81 lm/W Fe = 967.36 mW

Electrical parameters

V = 12.00 V I = 0.8305 A P = 9.964 W PF = 1.000 F=0.00 Hz

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