Photometric Spectrum
TEST REPORT

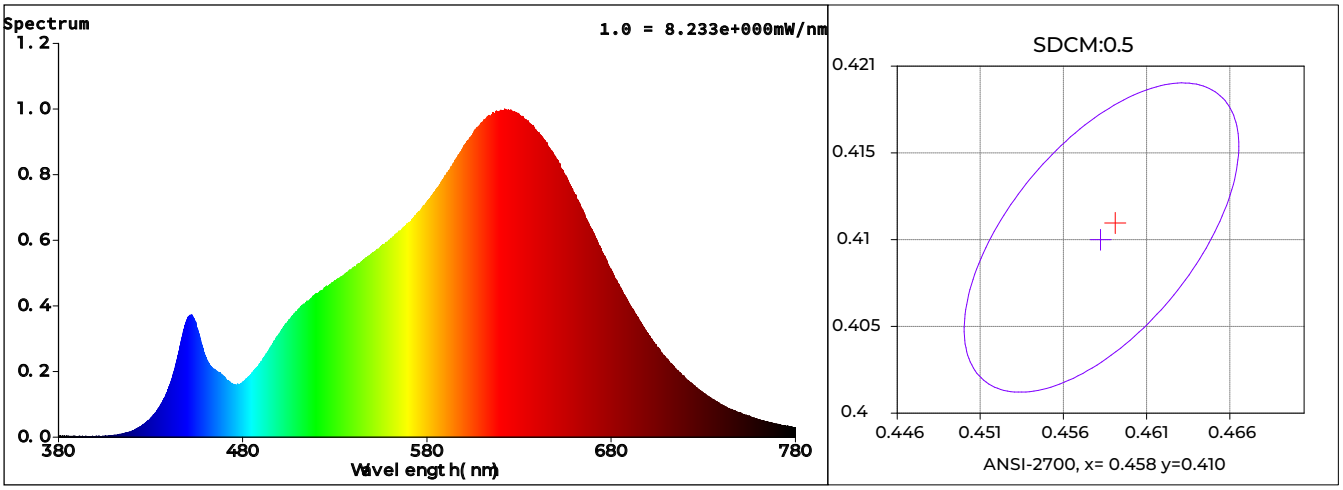
aspectLED

Date	: 2026-09-11	Sam. Status	: First Sample Test
Test by	: E.V.	Instrument	: Haas-2000(EVERFINE)
Specification	: AL-RL-R28	Device SN	: HS-2000
Sample No.	: 1		
Instrument #	: UP-JFQ4-R&D		

Test Condition

Temprature	: 25Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53888 (82%)
Test Mode	: Fast Test	T	: 1787 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4588 y = 0.4112 / u' = 0.2615 v' = 0.5274 (duv=3.14e-04)

CCT= 2720K Prcp WL: Ld=584.0nm Purity=61.1%

Peak WL: Lp=622nm FWHM: =144.9nm Ratio:R=26.5% G=71.1% B=2.4%

Render Index: Ra = 93.8 TM30:Rf=93 Rg=100

R1 =94 R2 =97 R3 =99 R4 =95 R5 =94 R6 =97 R7 =92

R8 =82 R9 =61 R10=92 R11=97 R12=87 R13=95 R14=98 R15=89

Photometric & Radiometric Parameters

Flux = 373.27 lm Eff. : 68.72 lm/W Fe = 1.3088 W

(EQE):1292.7%

EEI: 0.15392 A+

EEC: 68.7 G

A: 3.3741e-001mW

Electrical parameters

V = 120.1 V I = 0.04884 A P = 5.432 W PF = 0.9258

Freq=59.98 Hz

EVERFINE

Photometric Spectrum
TEST REPORT

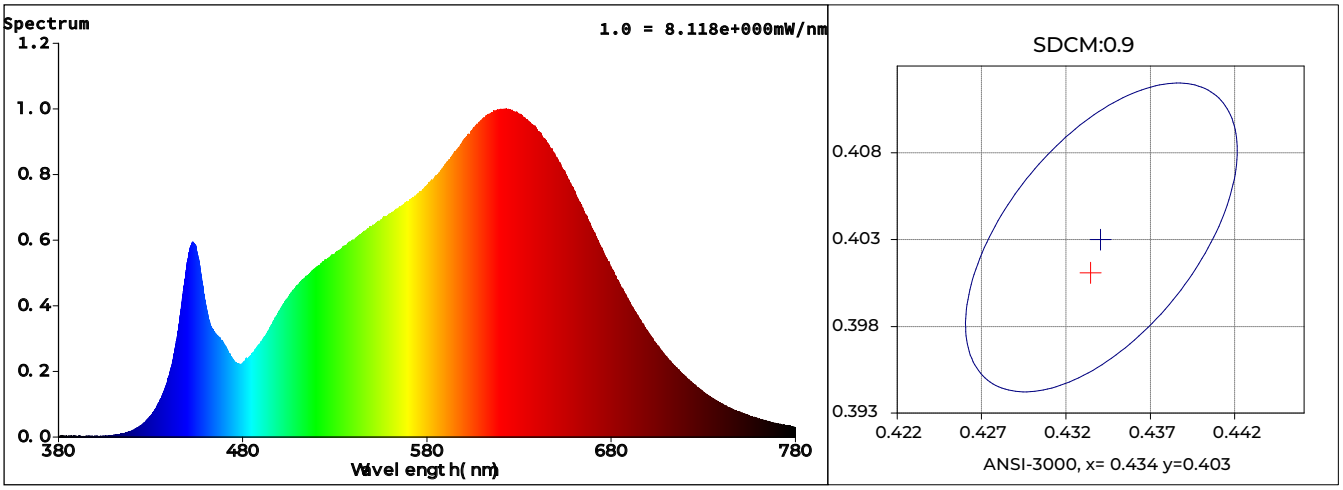
aspectLED

Date	: 2026-09-11	Sam. Status	: First Sample Test
Test by	: E.V.	Instrument	: Haas-2000(EVERFINE)
Specification	: AL-RL-R28	Device SN	: HS-2000
Sample No.	: 2		
Instrument #	: UP-JFQ4-R&D		

Test Condition

Temprature	: 25Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53331 (81%)
Test Mode	: Fast Test	T	: 1787 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4333 y = 0.4013 / u' = 0.2494 v' = 0.5198 (duv=-5.91e-04)

CCT= 3040K Prcp WL: Ld=582.9nm Purity=50.5%

Peak WL: Lp=623nm FWHM: =164.7nm Ratio:R=24.4% G=72.7% B=3.0%

Render Index: Ra = 94.6 TM30:Rf=93 Rg=100

R1 =95 R2 =97 R3 =98 R4 =95 R5 =95 R6 =96 R7 =94

R8 =86 R9 =68 R10=93 R11=96 R12=82 R13=96 R14=98 R15=92

Photometric & Radiometric Parameters

Flux = 402.89 lm Eff. : 76.92 lm/W Fe = 1.4030 W

(EQE):1415%

EEI: 0.14004 A+

EEC: 76.9 G

A: 4.1064e-001mW

Electrical parameters

V = 120.1 V I = 0.04729 A P = 5.238 W PF = 0.9220

Freq=59.98 Hz

EVERFINE

Photometric Spectrum
TEST REPORT

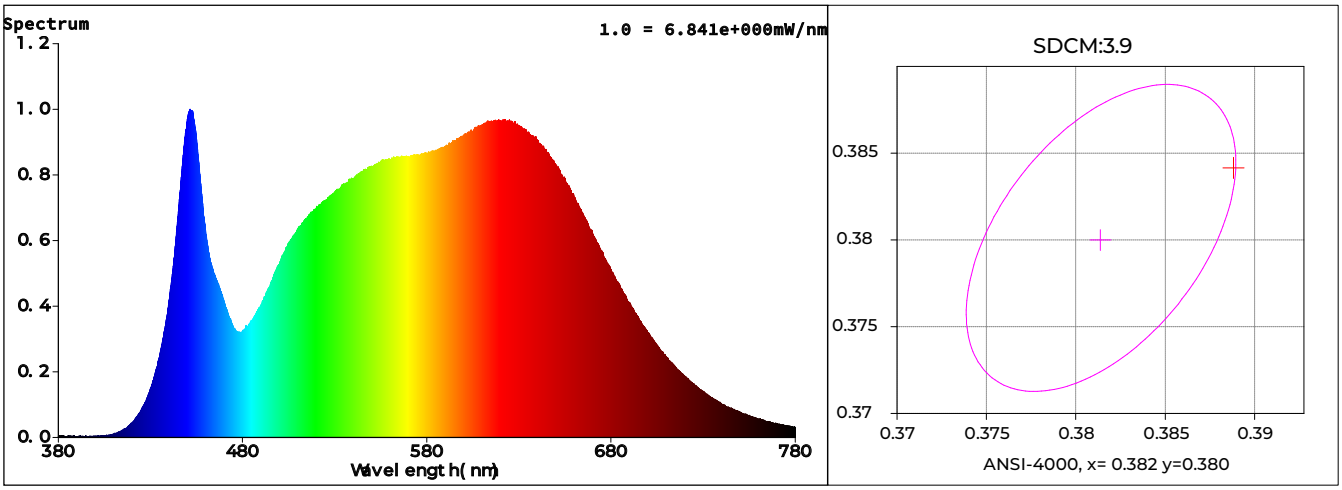
aspectLED

Date	: 2026-09-11	Sam. Status	: First Sample Test
Test by	: E.V.	Instrument	: Haas-2000(EVERFINE)
Specification	: AL-RL-R28	Device SN	: HS-2000
Sample No.	: 3		
Instrument #	: UP-JFQ4-R&D		

Test Condition

Temprature	: 25Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 44029 (67%)
Test Mode	: Fast Test	T	: 1787 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.3893 y = 0.3838 / u' = 0.2280 v' = 0.5060 (duv=8.16e-04)

CCT= 3823K Prcp WL: Ld=579.3nm Purity=32.0%

Peak WL: Lp=452nm FWHM: =22.8nm Ratio:R=20.3% G=75.9% B=3.7%

Render Index: Ra = 93.0 TM30:Rf=92 Rg=100

R1 =93 R2 =95 R3 =94 R4 =94 R5 =92 R6 =91 R7 =96

R8 =89 R9 =70 R10=86 R11=93 R12=72 R13=94 R14=96 R15=92

Photometric & Radiometric Parameters

Flux = 399.52 lm Eff. : 73.56 lm/W Fe = 1.3696 W

(EQE):1307.4%

EEI: 0.14614 A+

EEC: 73.6 G

A: 4.3971e-001mW

Electrical parameters

V = 120.1 V I = 0.04883 A P = 5.431 W PF = 0.9259

Freq=59.98 Hz

EVERFINE