

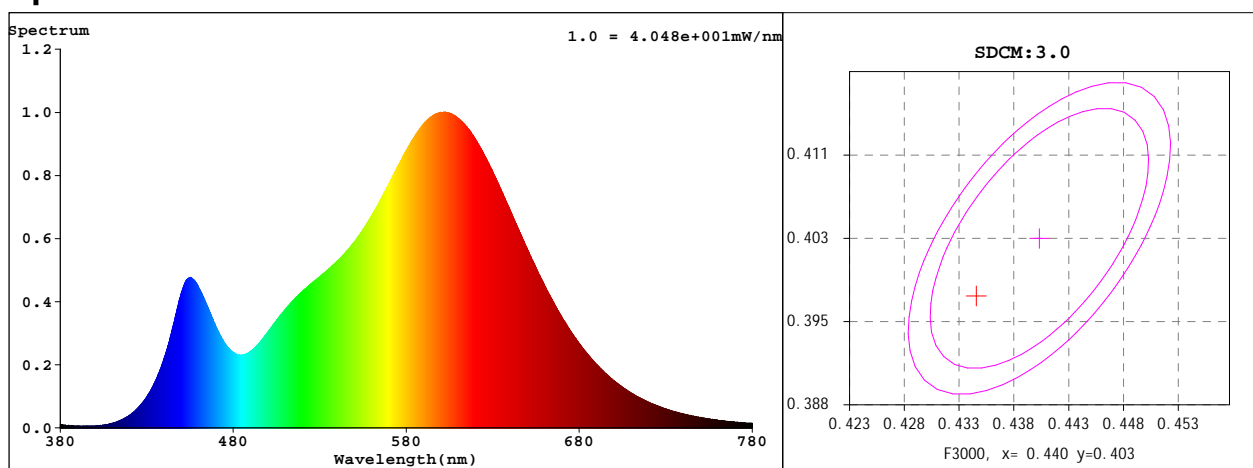
Spectrum Test Report

Sample :	Date : 2024-07-04
Specification :	Sam. Status :
Sample No. : 20L-1	Standard :
Manufacturer :	Instrument : HaasSuite(EVERFINE)
Remark :	Test by :

Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 59103 (90%)
Test Mode : Fast Test	T : 180 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4342$ $y = 0.3977$ / $u' = 0.2516$ $v' = 0.5185$ ($duv = -2.18e-03$)

CCT= 2994K Prcp WL: Ld=583.7nm Purity=49.7%

Peak WL: Lp=603nm FWHM: =121.0nm Ratio:R=22.9% G=74.2% B=2.8%

Render Index: Ra = 81.6

EEL: 0.13613 A+

R1 =80 R2 =92 R3 =94 R4 =78 R5 =81 R6 =91 R7 =80

R8 =56 R9 =4 R10=82 R11=77 R12=75 R13=83 R14=97 R15=73

Photometric & Radiometric Parameters

Flux = 1954.0 lm Eff. : 100.07 lm/W Fe = 5.9910 W

Electrical parameters

V = 230.09 V I = 0.1455 A P = 19.53 W PF = 0.5833 F=50.00 Hz



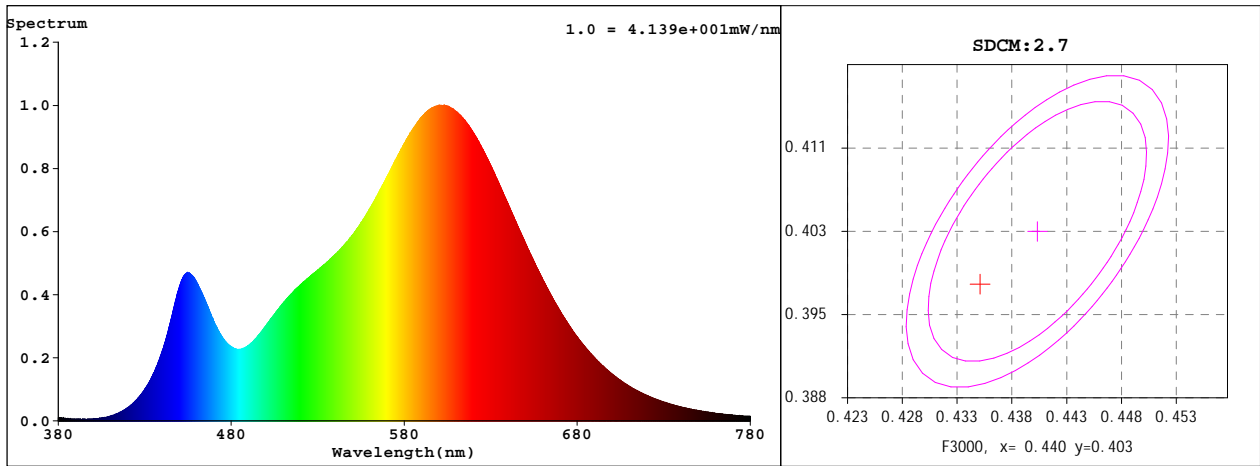
Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 20L-2	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52661 (80%)
Test Mode	: Fast Test	T	: 157 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4348$ $y = 0.3982$ / $u' = 0.2517$ $v' = 0.5187$ ($duv = -2.07e-03$)

CCT= 2988K Prcp WL: Ld=583.6nm Purity=50.0%

Peak WL: Lp=603nm FWHM: =120.6nm Ratio:R=22.9% G=74.3% B=2.8%

Render Index: Ra = 81.4

EEL: 0.13468 A+

R1 =80 R2 =92 R3 =94 R4 =78 R5 =81 R6 =90 R7 =80

R8 =56 R9 =3 R10=82 R11=76 R12=75 R13=83 R14=97 R15=73

Photometric & Radiometric Parameters

Flux = 1994.9 lm Eff. : 101.15 lm/W Fe = 6.1067 W

Electrical parameters

V = 230.12 V I = 0.1460 A P = 19.72 W PF = 0.5870 F=50.00 Hz



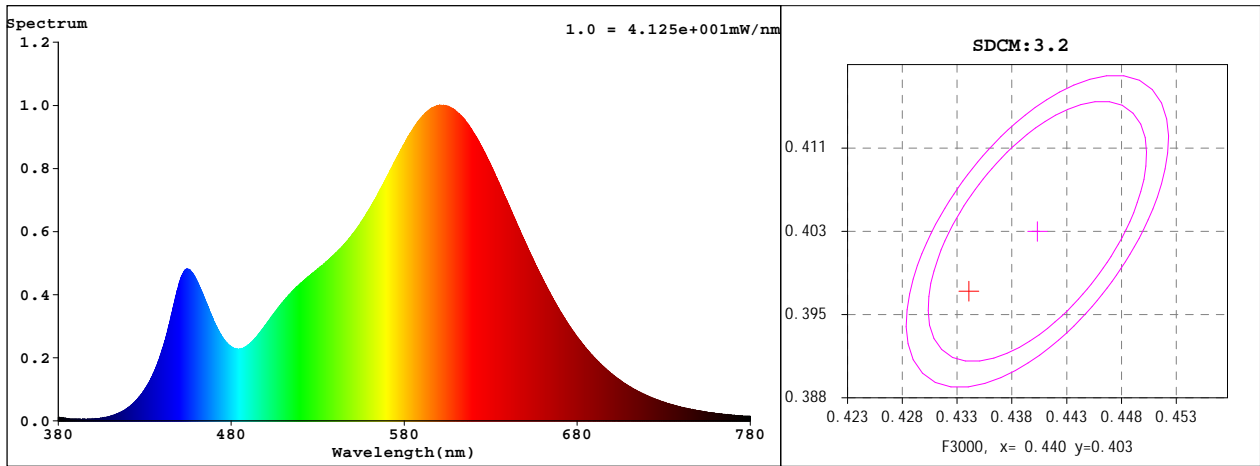
Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 20L-3	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52522 (80%)
Test Mode	: Fast Test	T	: 157 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4338$ $y = 0.3975$ / $u' = 0.2514$ $v' = 0.5183$ ($duv = -2.20e-03$)

CCT= 3000K Prcp WL: Ld=583.6nm Purity=49.5%

Peak WL: Lp=601nm FWHM: =121.3nm Ratio:R=22.9% G=74.3% B=2.8%

Render Index: Ra = 81.7

EEL: 0.13319 A+

R1 =80 R2 =92 R3 =94 R4 =78 R5 =81 R6 =90 R7 =80

R8 =56 R9 =4 R10=82 R11=77 R12=75 R13=83 R14=98 R15=73

Photometric & Radiometric Parameters

Flux = 1992.3 lm Eff. : 102.28 lm/W Fe = 6.1033 W

Electrical parameters

V = 230.15 V I = 0.1446 A P = 19.48 W PF = 0.5852 F=50.00 Hz



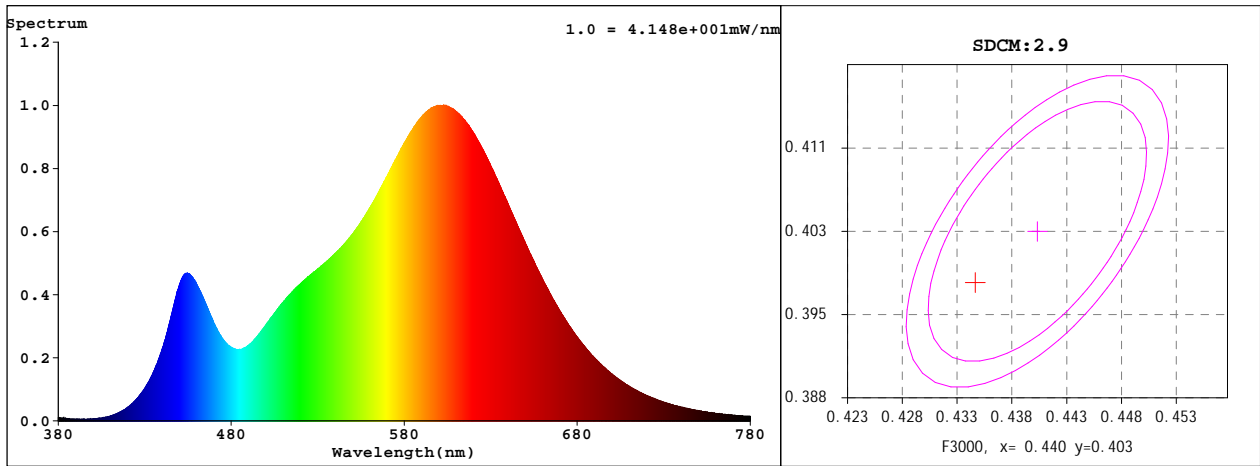
Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 20L-4	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52789 (81%)
Test Mode	: Fast Test	T	: 157 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4343$ $y = 0.3983$ / $u' = 0.2514$ $v' = 0.5187$ ($duv = -1.96e-03$)

CCT= 2997K Prcp WL: Ld=583.6nm Purity=49.9%

Peak WL: Lp=603nm FWHM: =121.2nm Ratio:R=22.9% G=74.3% B=2.8%

Render Index: Ra = 81.5

EEL: 0.13417 A+

R1 =80 R2 =92 R3 =94 R4 =78 R5 =81 R6 =90 R7 =80

R8 =56 R9 =3 R10=81 R11=77 R12=74 R13=83 R14=98 R15=73

Photometric & Radiometric Parameters

Flux = 2004.4 lm Eff. : 101.53 lm/W Fe = 6.1305 W

Electrical parameters

V = 230.15 V I = 0.1466 A P = 19.74 W PF = 0.5853 F=50.00 Hz



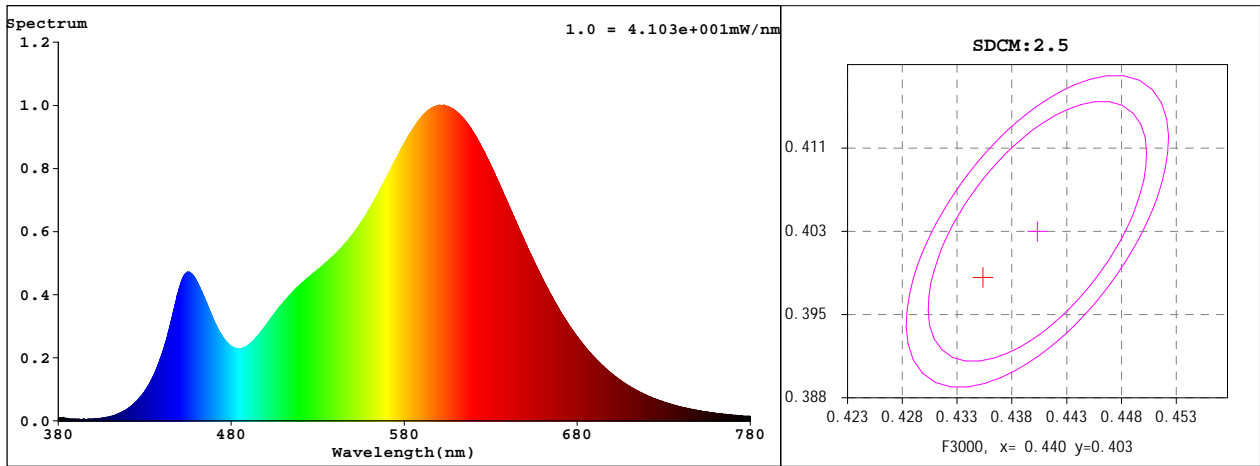
Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 20L-5	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52229 (80%)
Test Mode	: Fast Test	T	: 157 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4350$ $y = 0.3988$ / $u' = 0.2516$ $v' = 0.5190$ ($duv = -1.86e-03$)

CCT= 2989K Prcp WL: Ld=583.5nm Purity=50.3%

Peak WL: Lp=603nm FWHM: =120.9nm Ratio:R=22.9% G=74.3% B=2.8%

Render Index: Ra = 81.5

EEl: 0.13470 A+

R1 =80 R2 =92 R3 =94 R4 =78 R5 =81 R6 =90 R7 =80

R8 =56 R9 =3 R10=82 R11=76 R12=74 R13=83 R14=97 R15=73

Photometric & Radiometric Parameters

Flux = 1978.9 lm Eff. : 101.13 lm/W Fe = 6.0524 W

Electrical parameters

V = 230.13 V I = 0.1455 A P = 19.57 W PF = 0.5843 F=50.00 Hz