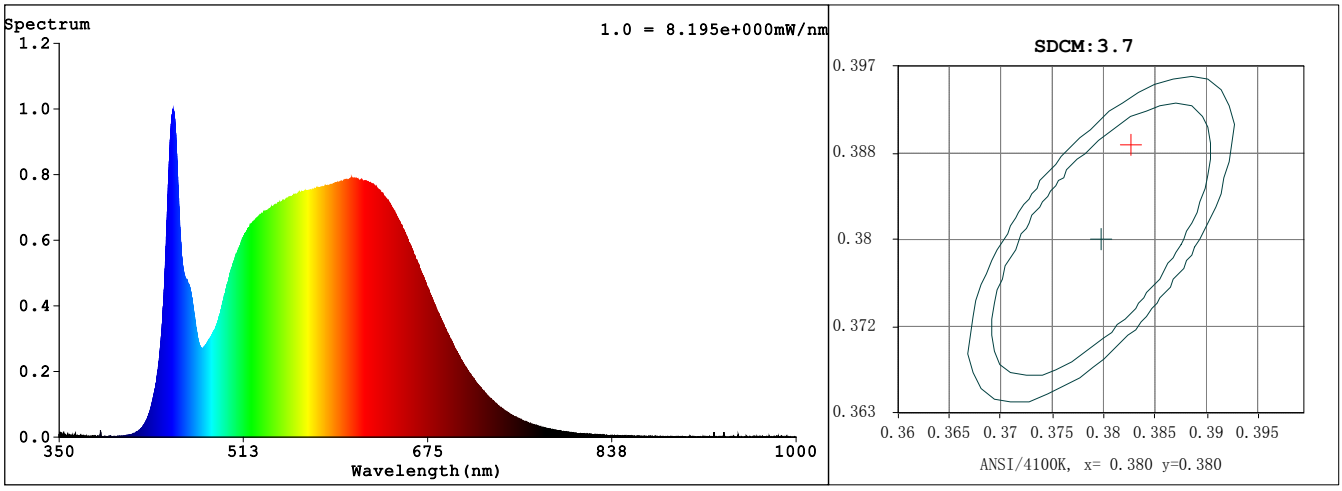
Spectrum Test Report

Sample	:	Date	: 2020-12-06 17:11:02
Specification	: UTFS-UTCOB480-2404NW-4000K	Sam. Status	:
Sample No.	: 7	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	:	Test by	: CHM
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 43237 (66%)
Test Mode	: Fast Test	T	: 1638 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.3829 y = 0.3892 / u' = 0.2218 v' = 0.5073 (duv=5.02e-03) Dx,Dy:0.0035,0.0131

CCT= 4024K Prcp WL: Ld=576.6nm Purity=31.7%

Peak WL: Lp=450nm FWHM: =16.8nm Ratio:R=19.0% G=77.2% B=3.8%

Render Index: Ra = 90.7

R1 =90 R2 =92 R3 =94 R4 =91 R5 =89 R6 =89 R7 =95

R8 =85 R9 =58 R10=82 R11=91 R12=65 R13=90 R14=96 R15=87

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 417.33 lm Eff. : 109.58 lm/W Fe = 1.4029 W

(EQE):411.42%

Flux of emitted photons(umol/s):6.7156 Fluo. and blue light ratio:6.494 Fluorescent eff.:319.3

A: 3.7726e-001mW B: 1.4029e+003mW

Photons1:9.769e-001 umol/s(400~500nm) Photons2:2.664e+000 umol/s(600~700nm)

Electrical parameters

V = 24.00 V I = 0.1587 A P = 3.808 W PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

http://www.everfine.cn

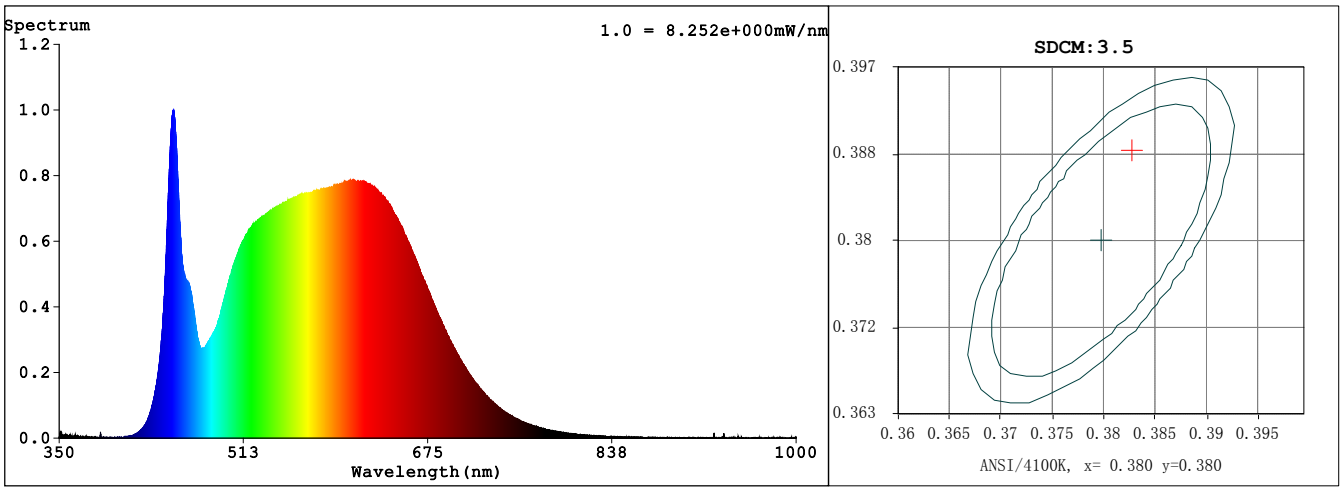
Spectrum Test Report

Sample	:	Date	: 2020-12-06 17:11:53
Specification	: UTFS-UTCOB480-2404NW-4000K	Sam. Status	:
Sample No.	: 8	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	:	Test by	: CHM
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 43298 (66%)
Test Mode	: Fast Test	T	: 1638 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.3830 y = 0.3888 / u' = 0.2220 v' = 0.5072 (duv=4.80e-03) Dx,Dy:0.0034,0.0125

CCT= 4019K Prcp WL: Ld=576.7nm Purity=31.6%

Peak WL: Lp=451nm FWHM: =16.7nm Ratio:R=19.1% G=77.2% B=3.8%

Render Index: Ra = 90.9

R1 =90 R2 =93 R3 =94 R4 =91 R5 =89 R6 =89 R7 =96

R8 =85 R9 =59 R10=82 R11=91 R12=66 R13=91 R14=97 R15=87

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 417.99 lm Eff. : 109.34 lm/W Fe = 1.4082 W

(EQE):411.46%

Flux of emitted photons(umol/s):6.7413 Fluo. and blue light ratio:6.539 Fluorescent eff.:319.6

A: 3.7011e-001mW B: 1.4082e+003mW

Photons1:9.830e-001 umol/s(400~500nm) Photons2:2.678e+000 umol/s(600~700nm)

Electrical parameters

V = 24.00 V I = 0.1593 A P = 3.823 W PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

http://www.everfine.cn

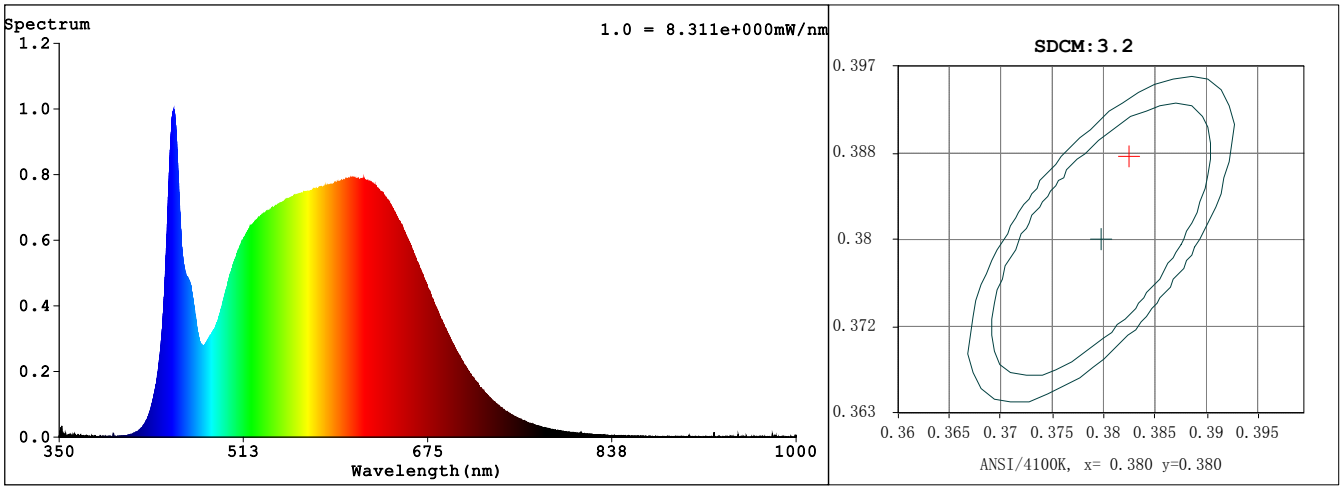
Spectrum Test Report

Sample	:	Date	: 2020-12-06 17:21:28
Specification	: UTFS-UTCOB480-2404NW-4000K	Sam. Status	:
Sample No.	: 9	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	:	Test by	: CHM
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 43684 (67%)
Test Mode	: Fast Test	T	: 1638 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.3827 y = 0.3881 / u' = 0.2221 v' = 0.5068 (duv=4.57e-03) Dx,Dy:0.0032,0.0119

CCT= 4021K Prcp WL: Ld=576.8nm Purity=31.3%

Peak WL: Lp=451nm FWHM: =17.6nm Ratio:R=19.1% G=77.1% B=3.8%

Render Index: Ra = 91.0

R1 =90 R2 =93 R3 =94 R4 =91 R5 =89 R6 =89 R7 =95

R8 =85 R9 =59 R10=82 R11=91 R12=66 R13=91 R14=97 R15=87

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 422.46 lm Eff. : 109.21 lm/W Fe = 1.4251 W

(EQE):411.45%

Flux of emitted photons(umol/s):6.8203 Fluo. and blue light ratio:6.486 Fluorescent eff.:319.2

A: 3.5497e-001mW B: 1.4251e+003mW

Photons1:1.001e+000 umol/s(400~500nm) Photons2:2.707e+000 umol/s(600~700nm)

Electrical parameters

V = 24.00 V I = 0.1612 A P = 3.868 W PF = 1.000

Freq=0.00 Hz