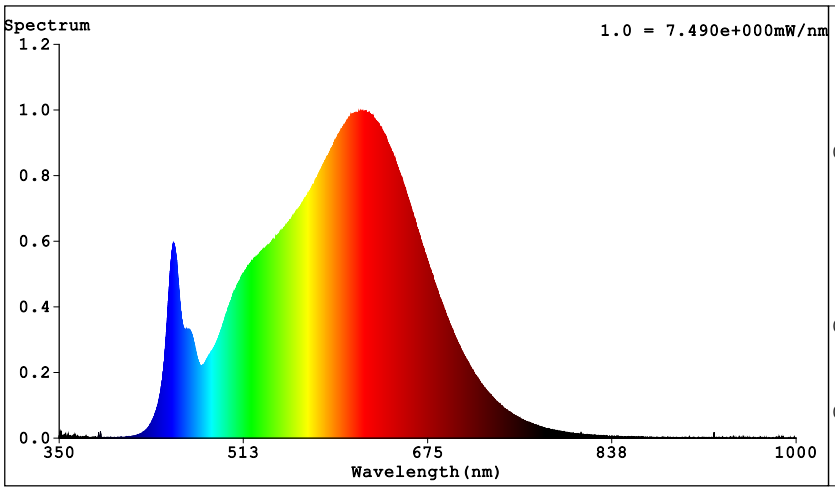
Spectrum Test Report

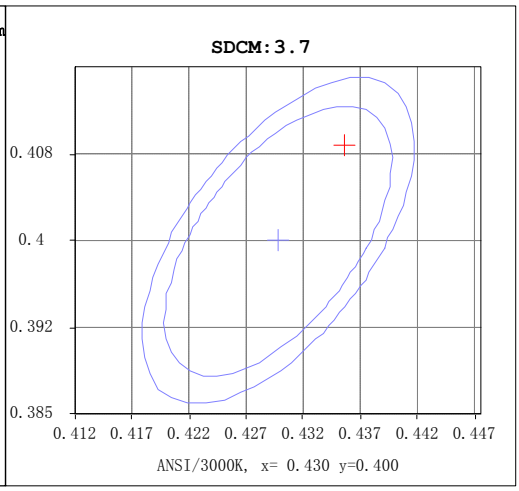
Sample	:	Date	: 2020-12-06 17:06:10
Specification	: UTFS-UTCOB480-2404WW-3000K	Sam. Status	:
Sample No.	: 4	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	:	Test by	: CHM
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 49169 (75%)
Test Mode	: Fast Test	T	: 1638 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.4358 y = 0.4084 / u' = 0.2480 v' = 0.5229 (duv=1.87e-03) Dx,Dy:0.0027,0.0056

CCT= 3054K Prcp WL: Ld=581.9nm Purity=53.4%

Peak WL: Lp=616nm FWHM: =166.6nm Ratio:R=23.8% G=73.3% B=2.9%

Render Index: Ra = 92.5

R1 =92 R2 =96 R3 =99 R4 =93 R5 =92 R6 =95 R7 =92

R8 =80 R9 =55 R10=90 R11=94 R12=79 R13=93 R14=99 R15=87

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 381.94 lm Eff. : 100.29 lm/W Fe = 1.2984 W

(EQE):390.46%

Flux of emitted photons(umol/s):6.3699 Fluo. and blue light ratio:11.37 Fluorescent eff.:313.4

A: 3.2030e-001mW B: 1.2984e+003mW

Photons1:6.152e-001 umol/s(400~500nm) Photons2:3.000e+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

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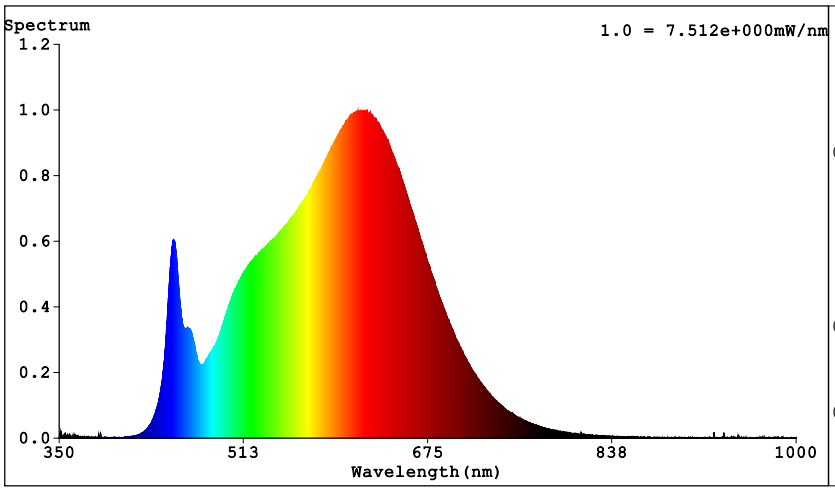
Spectrum Test Report

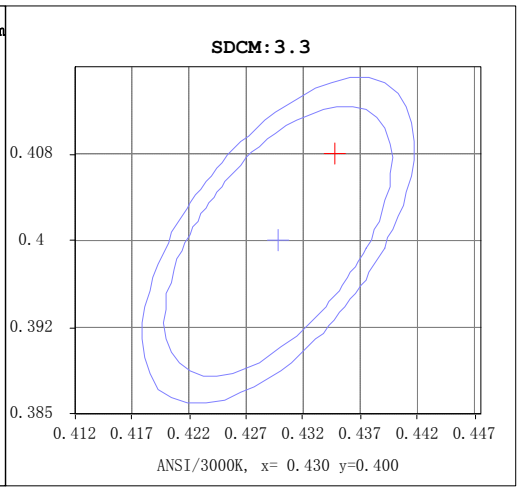
Sample	:	Date	: 2020-12-06 17:09:22
Specification	: UTFS-UTCOB480-2404WW-3000K	Sam. Status	:
Sample No.	: 5	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	:	Test by	: CHM
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 49482 (76%)
Test Mode	: Fast Test	T	: 1638 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.4350 y = 0.4076 / u' = 0.2478 v' = 0.5225 (duv=1.69e-03) Dx,Dy:0.0024,0.0051

CCT= 3062K Prcp WL: Ld=582.0nm Purity=52.9%

Peak WL: Lp=622nm FWHM: =166.8nm Ratio:R=23.7% G=73.3% B=2.9%

Render Index: Ra = 92.5

R1 =92 R2 =96 R3 =99 R4 =93 R5 =92 R6 =95 R7 =92

R8 =80 R9 =55 R10=90 R11=94 R12=79 R13=93 R14=99 R15=87

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 383.83 lm Eff. : 100.59 lm/W Fe = 1.3063 W

(EQE):391.97%

Flux of emitted photons(umol/s):6.4064 Fluo. and blue light ratio:11.12 Fluorescent eff.:314.2

A: 3.3359e-001mW B: 1.3063e+003mW

Photons1:6.241e-001 umol/s(400~500nm) Photons2:3.012e+000 umol/s(600~700nm)

Electrical parameters

V = 24.00 V I = 0.1590 A P = 3.816 W PF = 1.000

Freq=0.00 Hz

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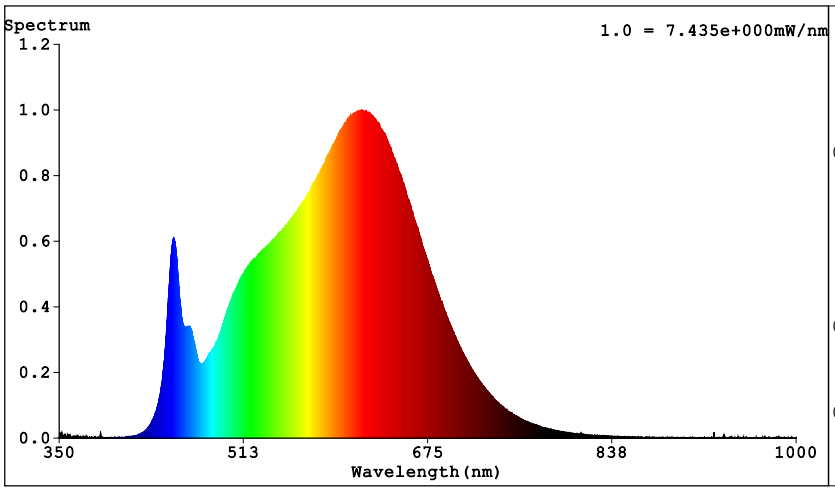
Spectrum Test Report

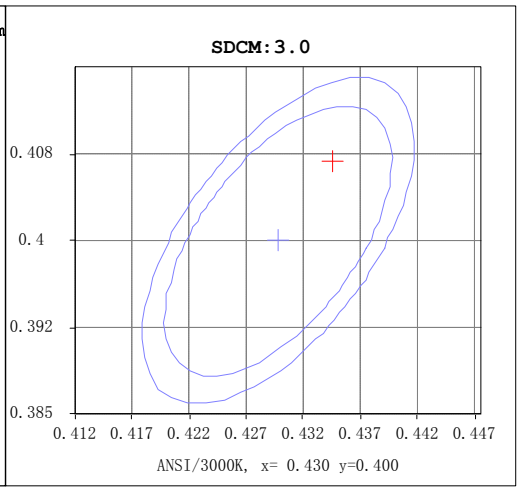
Sample	:	Date	: 2020-12-06 17:10:12
Specification	: UTFS-UTCOB480-2404WW-3000K	Sam. Status	:
Sample No.	: 6	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	:	Test by	: CHM
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 48951 (75%)
Test Mode	: Fast Test	T	: 1638 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.4348 y = 0.4070 / u' = 0.2480 v' = 0.5222 (duv=1.45e-03) Dx,Dy:0.0021,0.0044

CCT= 3060K Prcp WL: Ld=582.1nm Purity=52.7%

Peak WL: Lp=617nm FWHM: =166.1nm Ratio:R=23.8% G=73.3% B=2.9%

Render Index: Ra = 92.6

R1 =92 R2 =96 R3 =99 R4 =93 R5 =92 R6 =96 R7 =92

R8 =80 R9 =55 R10=91 R11=94 R12=79 R13=94 R14=99 R15=88

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 379.13 lm Eff. : 99.68 lm/W Fe = 1.2917 W

(EQE):388.79%

Flux of emitted photons(umol/s):6.3356 Fluo. and blue light ratio:11.05 Fluorescent eff.:311.5

A: 3.0581e-001mW B: 1.2917e+003mW

Photons1:6.207e-001 umol/s(400~500nm) Photons2:2.979e+000 umol/s(600~700nm)

Electrical parameters

V = 24.00 V I = 0.1585 A P = 3.804 W PF = 1.000

Freq=0.00 Hz

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