

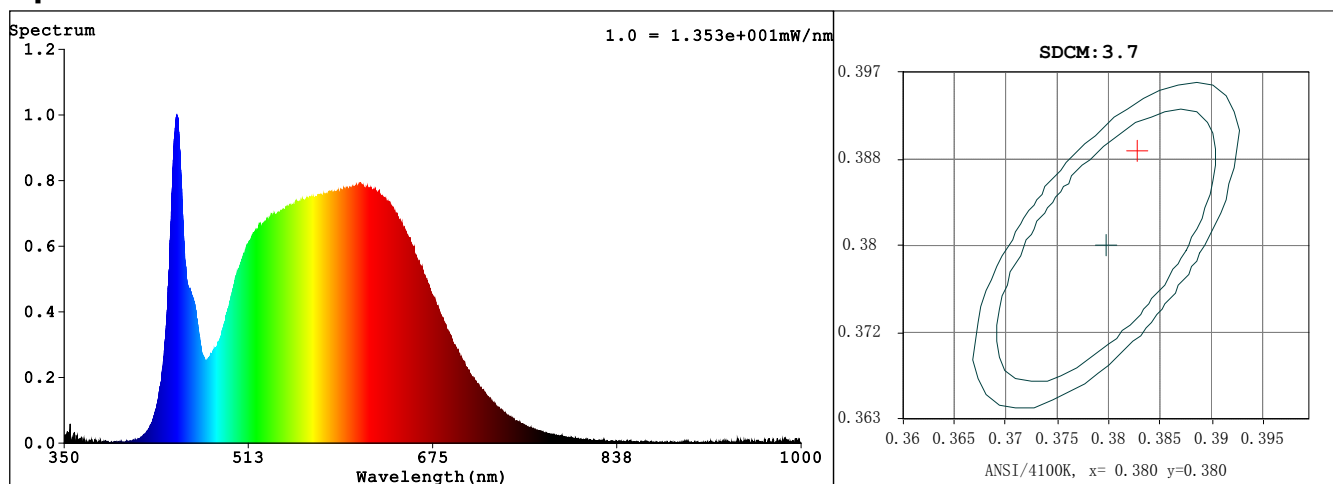
Spectrum Test Report

Sample	:		Date	:	2020-12-08 14:44:29
Specification	:	UTFS-UTC0B480-2406NW-4000K	Sam. Status	:	
Sample No.	:	19	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:		Test by	:	CHM
			Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	6883 (11%)
Test Mode	:	Fast Test	T	:	158 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3830$ $y = 0.3892$ / $u' = 0.2219$ $v' = 0.5073$ ($duv=4.98e-03$) $Dx, Dy: 0.0035, 0.0130$

CCT= 4021K Prcp WL: $L_d=576.6nm$ Purity=31.8%

Peak WL: $L_p=449nm$ FWHM: =15.9nm Ratio: R=19.0% G=77.4% B=3.7%

Render Index: $R_a = 90.2$

R1 =90 R2 =91 R3 =93 R4 =91 R5 =89 R6 =88 R7 =95

R8 =85 R9 =57 R10=80 R11=91 R12=66 R13=90 R14=96 R15=86

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 684.93 lm Eff. : 110.24 lm/W $F_e = 2.2999 W$

(EQE):413.39%

Flux of emitted photons($\mu mol/s$):10.993 Fluo. and blue light ratio:6.640 Fluorescent eff.:321.8

A: $5.8523e-001mW$

B: $2.2999e+003mW$

Photons1:1.591e+000 $\mu mol/s(400\sim 500nm)$ Photons2:4.353e+000 $\mu mol/s(600\sim 700nm)$

Electrical parameters

V = 24.00 V I = 0.2589 A P = 6.213 W PF = 1.000

Freq=0.00 Hz

Spectrum Test Report

Sample :
Specification : UTFS-UTCOB480-2406NW-4000K
Sample No. : 20
Manufacturer :

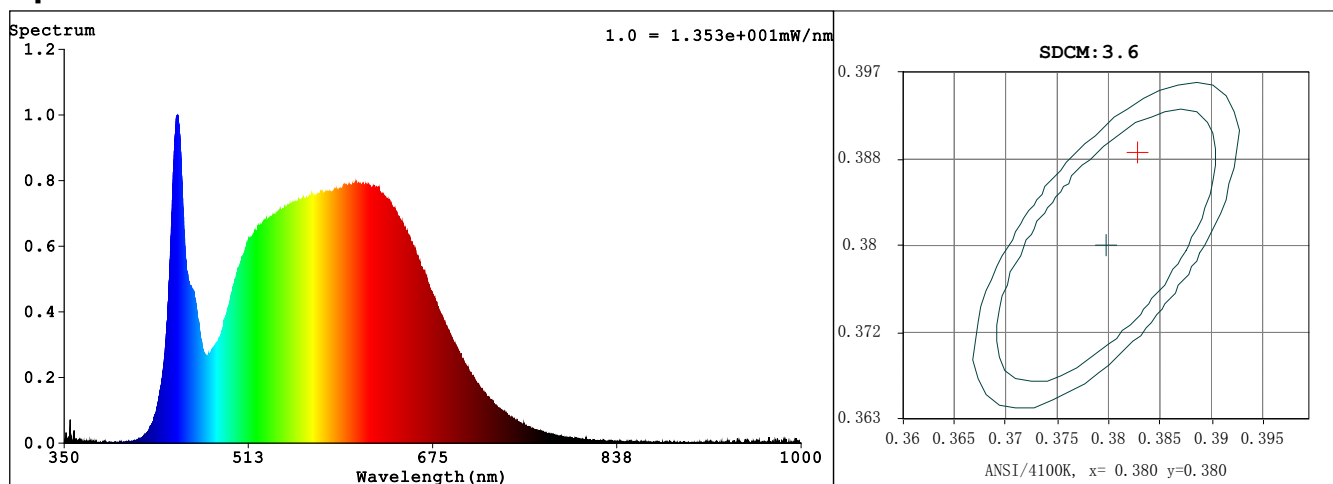
Date : 2020-12-08 14:45:21
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : CHM
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 6963 (11%)
T : 158 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3831$ $y = 0.3891$ / $u' = 0.2220$ $v' = 0.5073$ ($duv=4.90e-03$) $Dx, Dy: 0.0034, 0.0128$

CCT= 4019K Prcp WL: $L_d=576.7nm$ Purity=31.7%

Peak WL: $L_p=450nm$ FWHM: =16.8nm Ratio: R=19.0% G=77.3% B=3.7%

Render Index: $R_a = 90.5$

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

R8 =85 R9 =58 R10=81 R11=91 R12=66 R13=90 R14=96 R15=87

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 689.98 lm Eff. : 110.12 lm/W $F_e = 2.3180 W$

(EQE):413.23%

Flux of emitted photons($\mu mol/s$):11.087 Fluo. and blue light ratio:6.633 Fluorescent eff.:321.5

A: $3.5205e-001mW$

B: $2.3180e+003mW$

Photons1: $1.610e+000 \mu mol/s(400\sim 500nm)$ Photons2: $4.397e+000 \mu mol/s(600\sim 700nm)$

Electrical parameters

V = 24.00 V I = 0.2611 A P = 6.266 W PF = 1.000

Freq=0.00 Hz

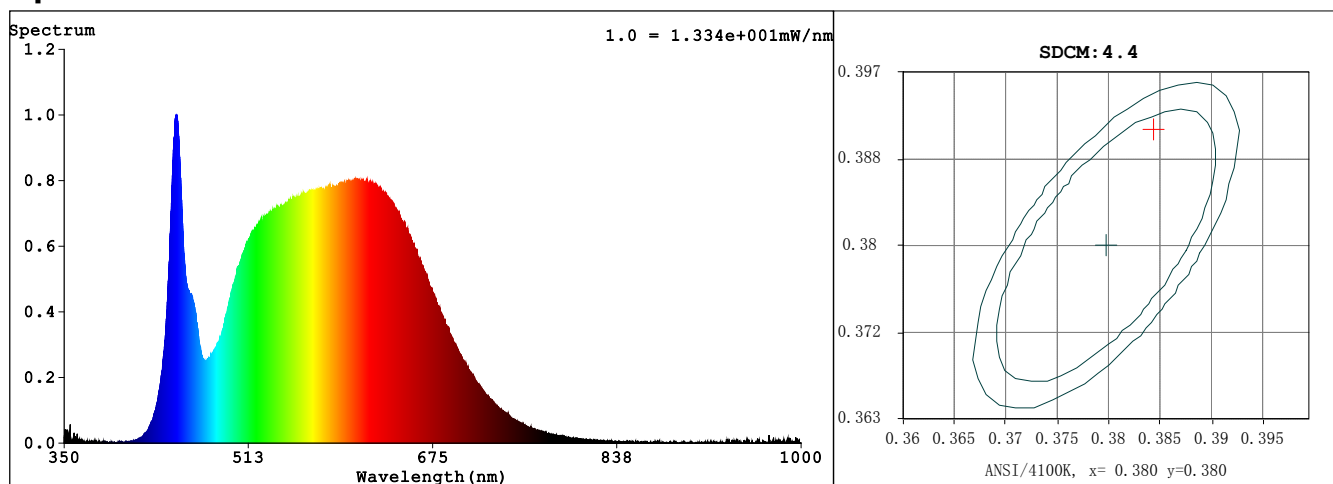
Spectrum Test Report

Sample	:		Date	:	2020-12-08 14:45:58
Specification	:	UTFS-UTC0B480-2406NW-4000K	Sam. Status	:	
Sample No.	:	21	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:		Test by	:	CHM
			Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	6975 (11%)
Test Mode	:	Fast Test	T	:	158 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3846$ $y = 0.3913$ / $u' = 0.2221$ $v' = 0.5084$ ($duv=5.46e-03$) $Dx, Dy: 0.0039, 0.0144$

CCT= 3994K Prcp WL: $L_d=576.5nm$ Purity=32.9%

Peak WL: $L_p=449nm$ FWHM: =15.8nm Ratio: R=19.0% G=77.4% B=3.6%

Render Index: $R_a = 89.9$

R1 =89 R2 =91 R3 =93 R4 =91 R5 =88 R6 =88 R7 =95

R8 =84 R9 =56 R10=79 R11=91 R12=66 R13=89 R14=96 R15=86

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 690.70 lm Eff. : 111.30 lm/W $F_e = 2.3113 W$

(EQE):416.25%

Flux of emitted photons($\mu mol/s$):11.057 Fluo. and blue light ratio:6.777 Fluorescent eff.:324.6

A: $4.9303e-001mW$

B: $2.3113e+003mW$

Photons1: $1.570e+000 \mu mol/s(400\sim 500nm)$ Photons2: $4.395e+000 \mu mol/s(600\sim 700nm)$

Electrical parameters

V = 24.00 V I = 0.2586 A P = 6.206 W PF = 1.000

Freq=0.00 Hz