

Finished Product Test Report

Sample :
Specification : UTFS-HWCOB480-2408CW-6500K
Sample No. : 1
Manufacturer :

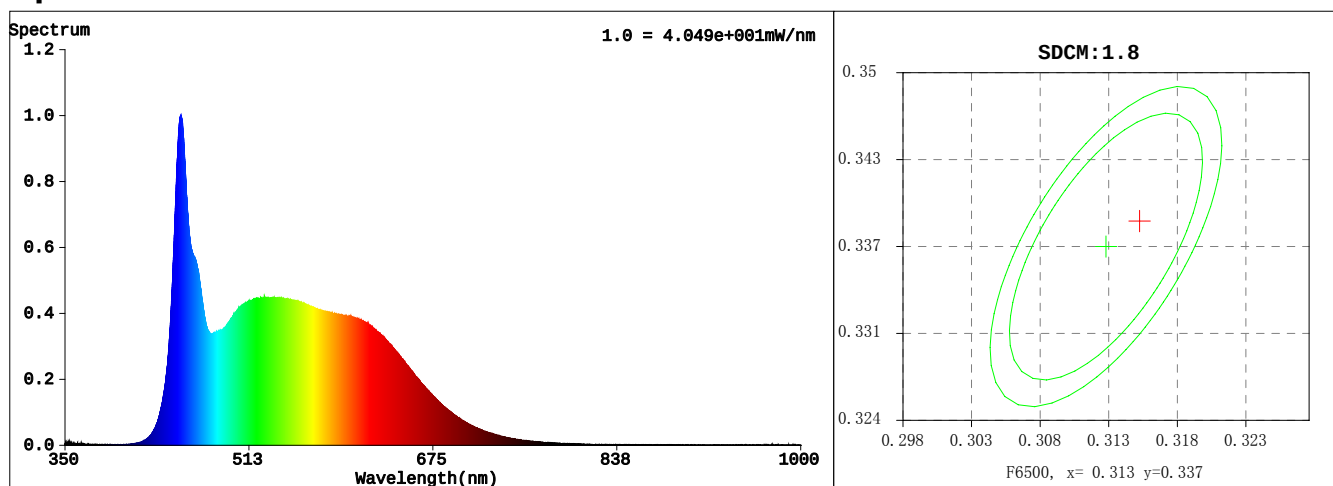
Date : 2020-10-14 21:17:09
Sam Status : 6500K
Instrument : HAAS-2000(EVERFINE)
Test by : QSM
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 52598 (80%)
T : 477 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3155$ $y = 0.3389$ / $u' = 0.1961$ $v' = 0.4739$ ($duv=6.82e-03$)

CCT= 6297K Prcp WL: $L_d=495.7nm$ Purity=5.7%

Peak WL: $L_p=453nm$ FWHM: $=24.2nm$ Ratio:R=14.8% G=78.5% B=6.7%

Render Index: $R_a = 91.5$

R1 =91 R2 =97 R3 =97 R4 =89 R5 =90 R6 =93 R7 =92

R8 =83 R9 =55 R10=91 R11=90 R12=66 R13=93 R14=99 R15=88

Photometric & Radiometric Parameters

Flux = 1215.2 lm Eff. : 97.21 lm/W $Fe = 4.1376 W$

Flux of emitted photons($\mu mol/s$):18.857 Fluo. and blue light ratio:3.044 Fluorescent eff.:249.2

A: $1.1041e+000mW$

B: $4.1376e+003mW$

Electrical parameters

V = 24.00 V I = 0.5209 A P = 12.50 W PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>

Finished Product Test Report

Sample :
Specification : UTFS-HWCOB480-2408CW-6500K
Sample No. : 2
Manufacturer :

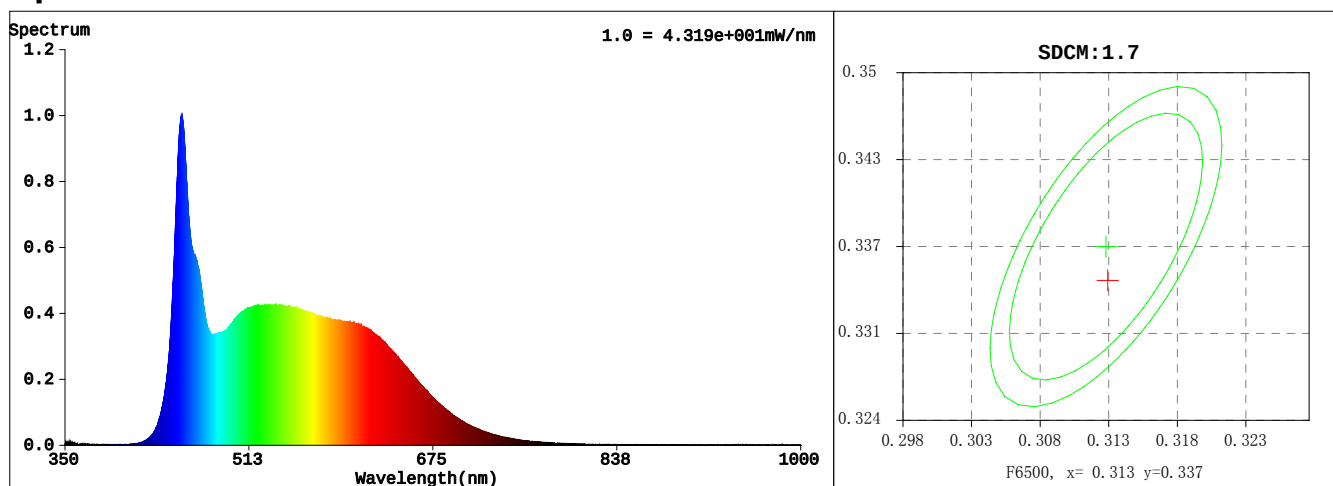
Date : 2020-10-14 21:18:34
Sam Status : 6500K
Instrument : HAAS-2000(EVERFINE)
Test by : QSM
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 56745 (87%)
T : 477 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3131$ $y = 0.3345$ / $u' = 0.1961$ $v' = 0.4713$ ($duv=5.79e-03$)

CCT= 6442K Prcp WL: Ld=0.0nm Purity=1.5%

Peak WL: Lp=453nm FWHM: =24.2nm Ratio:R=14.8% G=78.2% B=7.0%

Render Index: Ra = 92.0

R1 =93 R2 =98 R3 =97 R4 =89 R5 =91 R6 =94 R7 =91

R8 =84 R9 =60 R10=94 R11=91 R12=66 R13=95 R14=99 R15=89

Photometric & Radiometric Parameters

Flux = 1236.4 lm Eff. : 98.29 lm/W Fe = 4.2547 W

Flux of emitted photons(umol/s):19.371 Fluo. and blue light ratio:2.974 Fluorescent eff.:253.2

A: 1.1492e+000mW

B: 4.2547e+003mW

Electrical parameters

V = 24.00 V I = 0.5242 A P = 12.58 W PF = 1.000

Freq=0.00 Hz

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Finished Product Test Report

Sample :
 Specification : UTFS-HWCOB480-2408CW-6500K
 Sample No. : 3
 Manufacturer :

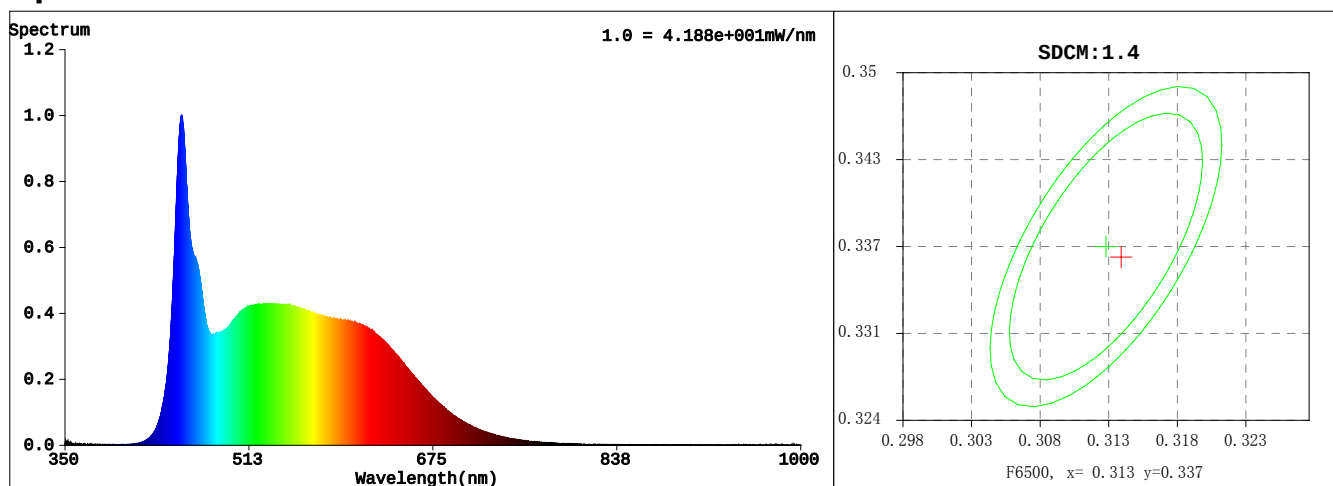
Date : 2020-10-14 21:19:12
 Sam Status : 6500K
 Instrument : HAAS-2000(EVERFINE)
 Test by : QSM
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 55003 (84%)
 T : 477 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3141$ $y = 0.3362$ / $u' = 0.1961$ $v' = 0.4723$ ($duv=6.16e-03$)

CCT= 6381K Prcp WL: $L_d=493.6nm$ Purity=6.3%

Peak WL: $L_p=453nm$ FWHM: $=24.1nm$ Ratio: R=14.8% G=78.3% B=6.9%

Render Index: $R_a = 91.8$

R1 =92 R2 =98 R3 =97 R4 =88 R5 =91 R6 =94 R7 =91

R8 =83 R9 =59 R10=93 R11=90 R12=66 R13=95 R14=99 R15=89

Photometric & Radiometric Parameters

Flux = 1209.4 lm Eff. : 96.67 lm/W $F_e = 4.1457 W$

Flux of emitted photons($\mu mol/s$):18.885 Fluo. and blue light ratio:2.991 Fluorescent eff.:248.5

A: $1.1358e+000mW$

B: $4.1457e+003mW$

Electrical parameters

V = 24.00 V I = 0.5213 A P = 12.51 W PF = 1.000

Freq=0.00 Hz

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