

Finished Product Test Report

Sample :
Specification : UTFS-HWCOB480-2410WW-2700K
Sample No. : 1
Manufacturer :

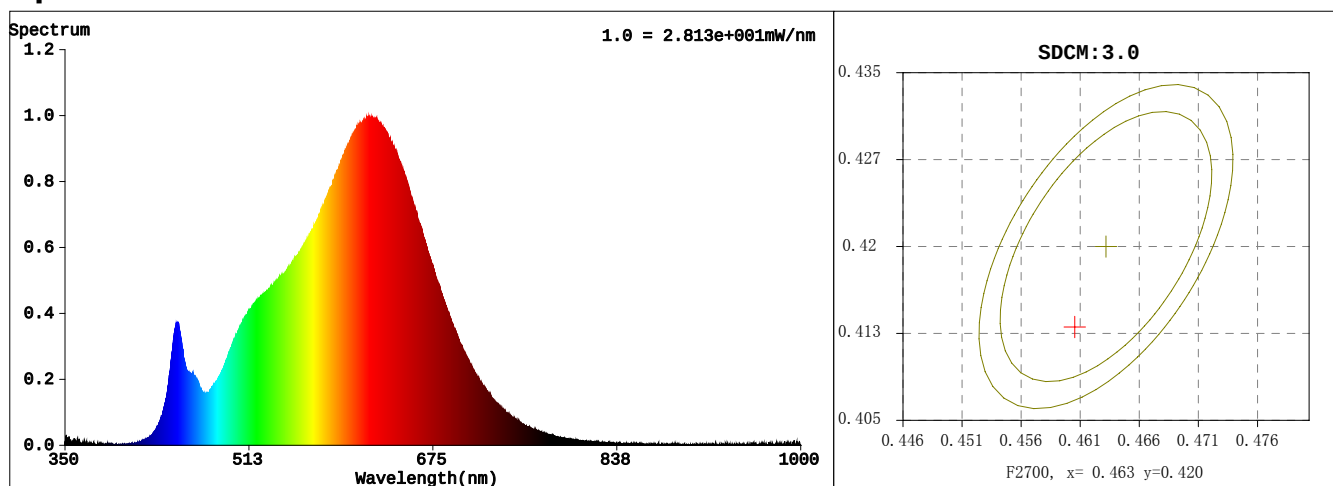
Date : 2020-09-11 08:48:52
Sam Status : 2700K
Instrument : HAAS-2000(EVERFINE)
Test by : YUX
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 14421 (22%)
T : 121 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4604$ $y = 0.4132$ / $u' = 0.2617$ $v' = 0.5284$ ($duv=9.12e-04$) $Dx, Dy: 0.0016, 0.0028$

CCT= 2713K Prpc WL: $L_d=583.8nm$ Purity=62.2%

Peak WL: $L_p=619nm$ FWHM: $=141.9nm$ Ratio: R=26.3% G=71.3% B=2.4%

Render Index: $R_a = 92.4$

R1 =92 R2 =96 R3 =99 R4 =93 R5 =93 R6 =97 R7 =91

R8 =78 R9 =52 R10=92 R11=95 R12=87 R13=93 R14=99 R15=87

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 1283.4 lm Eff. : 88.23 lm/W $F_e = 4.4688 W$

Flux of emitted photons($\mu mol/s$):22.154 Fluo. and blue light ratio:15.39 Fluorescent eff.:288.5

A: 1.1820e+000mW

B: 4.4688e+003mW

Electrical parameters

V = 24.00 V I = 0.6061 A P = 14.55 W PF = 1.000

Freq=0.00 Hz

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Manufacturer :

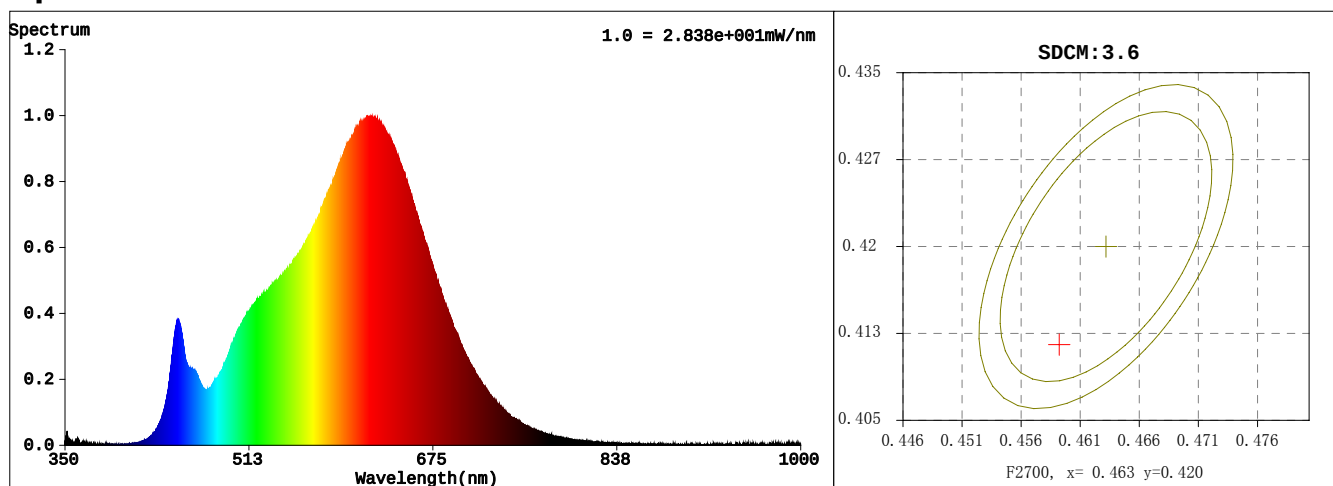
Date : 2020-09-11 08:51:45
Sam Status : 2700K
Instrument : HAAS-2000(EVERFINE)
Test by : YUX
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 14531 (22%)
T : 121 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4590$ $y = 0.4117$ / $u' = 0.2615$ $v' = 0.5276$ ($duv=4.77e-04$) $Dx, Dy: 0.0008, 0.0015$

CCT= 2720K Prcp WL: $L_d=584.0nm$ Purity=61.4%

Peak WL: $L_p=617nm$ FWHM: $=140.5nm$ Ratio: R=26.2% G=71.3% B=2.5%

Render Index: $R_a = 92.5$

R1 =93 R2 =97 R3 =99 R4 =93 R5 =93 R6 =97 R7 =90

R8 =78 R9 =53 R10=92 R11=95 R12=87 R13=94 R14=100 R15=87

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 1298.8 lm Eff. : 88.86 lm/W $F_e = 4.5378 W$

Flux of emitted photons($\mu mol/s$):22.479 Fluo. and blue light ratio:14.54 Fluorescent eff.:290.5

A: 1.2019e+000mW

B: 4.5378e+003mW

Electrical parameters

V = 24.00 V I = 0.6091 A P = 14.62 W PF = 1.000

Freq=0.00 Hz

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Specification : UTFS-HWCOB480-2410WW-2700K
Sample No. : 1
Manufacturer :

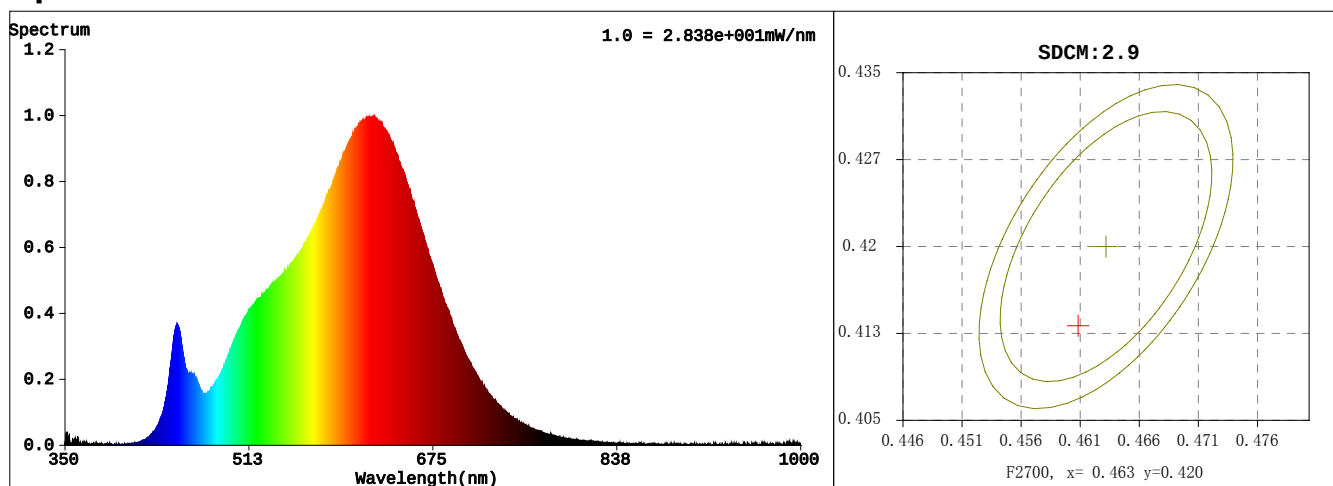
Date : 2020-09-11 08:53:10
Sam Status : 2700K
Instrument : HAAS-2000(EVERFINE)
Test by : YUX
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 14537 (22%)
T : 121 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4606 y = 0.4133 / u' = 0.2618 v' = 0.5285 (duv=9.27e-04) Dx,Dy:0.0016,0.0029

CCT= 2710K Prpc WL: Ld=583.9nm Purity=62.3%

Peak WL: Lp=623nm FWHM: =141.8nm Ratio:R=26.3% G=71.3% B=2.4%

Render Index: Ra = 92.5

R1 =92 R2 =96 R3 =99 R4 =93 R5 =93 R6 =97 R7 =91

R8 =78 R9 =52 R10=91 R11=96 R12=87 R13=93 R14=99 R15=87

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 1295.5 lm Eff. : 88.32 lm/W Fe = 4.5148 W

Flux of emitted photons(umol/s):22.386 Fluo. and blue light ratio:15.42 Fluorescent eff.:289.1

A: 1.1304e+000mW

B: 4.5148e+003mW

Electrical parameters

V = 24.00 V I = 0.6112 A P = 14.67 W PF = 1.000

Freq=0.00 Hz