

Finished Product Test Report

Sample :
Specification : UTFS-HWCOB480-2410NW-4000K
Sample No. : 1
Manufacturer :

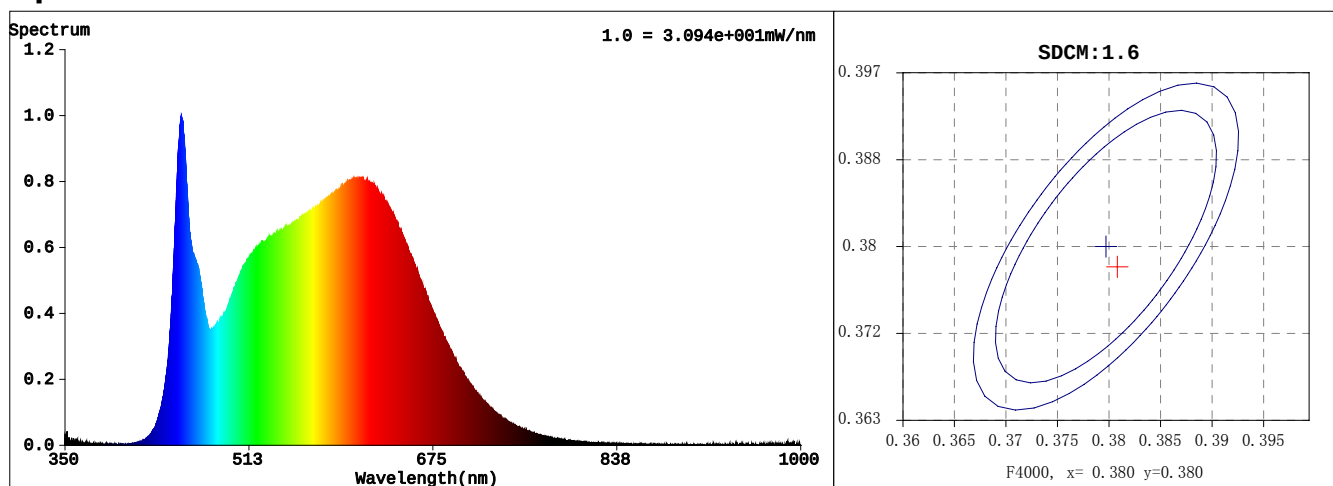
Date : 2020-09-11 08:58:06
Sam Status : 4000K
Instrument : HAAS-2000(EVERFINE)
Test by : YUX
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 13019 (20%)
T : 121 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3811$ $y = 0.3780$ / $u' = 0.2250$ $v' = 0.5022$ ($duv=4.06e-04$) $Dx, Dy: 0.0003, 0.0010$

CCT= 3992K Prcp WL: $L_d=578.9nm$ Purity=27.8%

Peak WL: $L_p=453nm$ FWHM: $=24.5nm$ Ratio: R=19.8% G=75.8% B=4.4%

Render Index: $R_a = 93.1$

R1 =94 R2 =97 R3 =98 R4 =92 R5 =92 R6 =94 R7 =93

R8 =84 R9 =63 R10=92 R11=93 R12=71 R13=95 R14=99 R15=90

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1519.9 lm Eff. : 101.26 lm/W $Fe = 5.1578 W$

Flux of emitted photons($\mu mol/s$):24.555 Fluo. and blue light ratio:5.665 Fluorescent eff.:292.1

A: $1.4191e+000mW$

B: $5.1578e+003mW$

Electrical parameters

V = 24.00 V I = 0.6255 A P = 15.01 W PF = 1.000

Freq=0.00 Hz

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Sample No. : 1
Manufacturer :

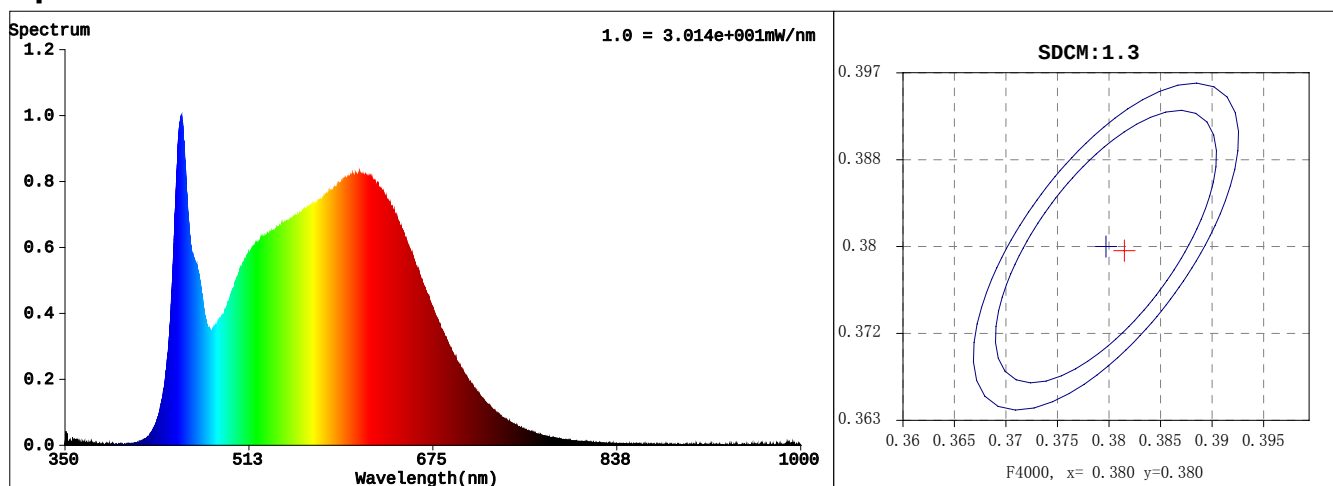
Date : 2020-09-11 08:59:51
Sam Status : 4000K
Instrument : HAAS-2000(EVERFINE)
Test by : YUX
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 12805 (20%)
T : 121 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3818$ $y = 0.3796$ / $u' = 0.2249$ $v' = 0.5030$ ($duv=9.38e-04$) $Dx,Dy:0.0007,0.0024$

CCT= 3985K Prpc WL: $L_d=578.6nm$ Purity=28.5%

Peak WL: $L_p=453nm$ FWHM: $=24.2nm$ Ratio:R=19.8% G=75.9% B=4.3%

Render Index: $R_a = 93.0$

R1 =93 R2 =97 R3 =98 R4 =92 R5 =92 R6 =94 R7 =93

R8 =84 R9 =62 R10=91 R11=93 R12=71 R13=95 R14=99 R15=90

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1509.4 lm Eff. : 101.64 lm/W $F_e = 5.1037 W$

Flux of emitted photons($\mu mol/s$):24.31 Fluo. and blue light ratio:5.733 Fluorescent eff.:292.7

A: $1.3268e+000mW$

B: $5.1037e+003mW$

Electrical parameters

V = 24.00 V I = 0.6188 A P = 14.85 W PF = 1.000

Freq=0.00 Hz

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Specification : UTFS-HWCOB480-2410NW-4000K
Sample No. : 1
Manufacturer :

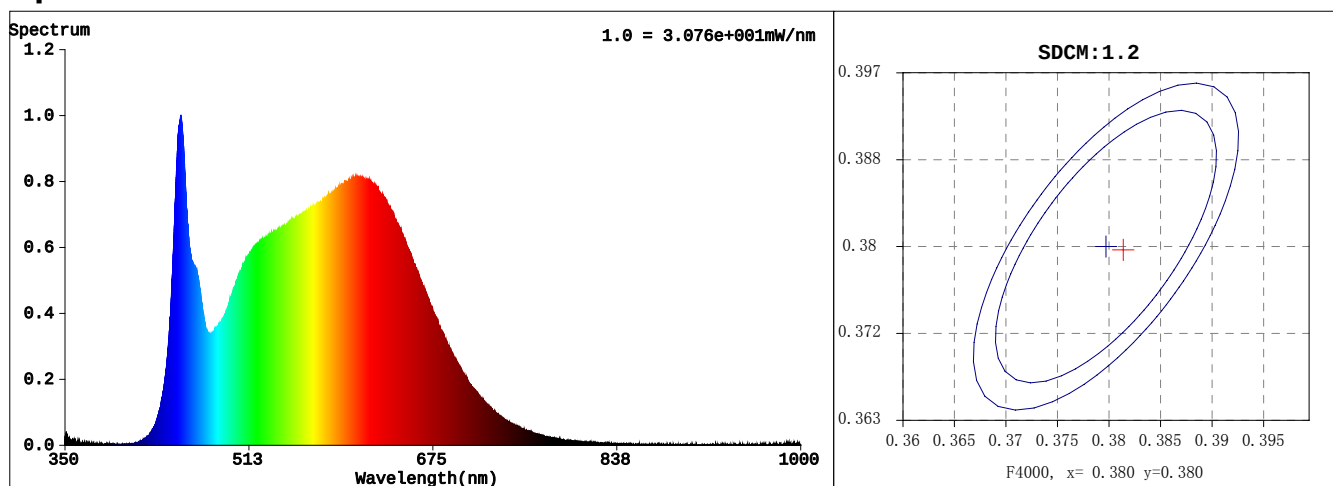
Date : 2020-09-11 09:00:48
Sam Status : 4000K
Instrument : HAAS-2000(EVERFINE)
Test by : YUX
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 12923 (20%)
T : 121 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3817$ $y = 0.3797$ / $u' = 0.2247$ $v' = 0.5031$ ($duv=1.01e-03$) $Dx, Dy: 0.0007, 0.0026$

CCT= 3988K Prpc WL: $L_d=578.6nm$ Purity=28.5%

Peak WL: $L_p=452nm$ FWHM: $=23.7nm$ Ratio: $R=19.7\%$ $G=76.0\%$ $B=4.3\%$

Render Index: $R_a = 92.8$

$R_1 = 93$ $R_2 = 96$ $R_3 = 98$ $R_4 = 92$ $R_5 = 92$ $R_6 = 94$ $R_7 = 93$

$R_8 = 84$ $R_9 = 61$ $R_{10} = 90$ $R_{11} = 93$ $R_{12} = 71$ $R_{13} = 94$ $R_{14} = 99$ $R_{15} = 90$

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1524.4 lm Eff. : 102.79 lm/W $Fe = 5.1455 W$

Flux of emitted photons($\mu mol/s$): 24.496 Fluo. and blue light ratio: 5.811 Fluorescent eff.: 296.1

A: $1.5002e+000mW$

B: $5.1455e+003mW$

Electrical parameters

$V = 24.00 V$ $I = 0.6180 A$ $P = 14.83 W$ PF = 1.000

Freq=0.00 Hz