

Spectrum Test Report

Sample :
Specification : UTFS-UTCOB480-2406WW-3000K
Sample No. : 16
Manufacturer :

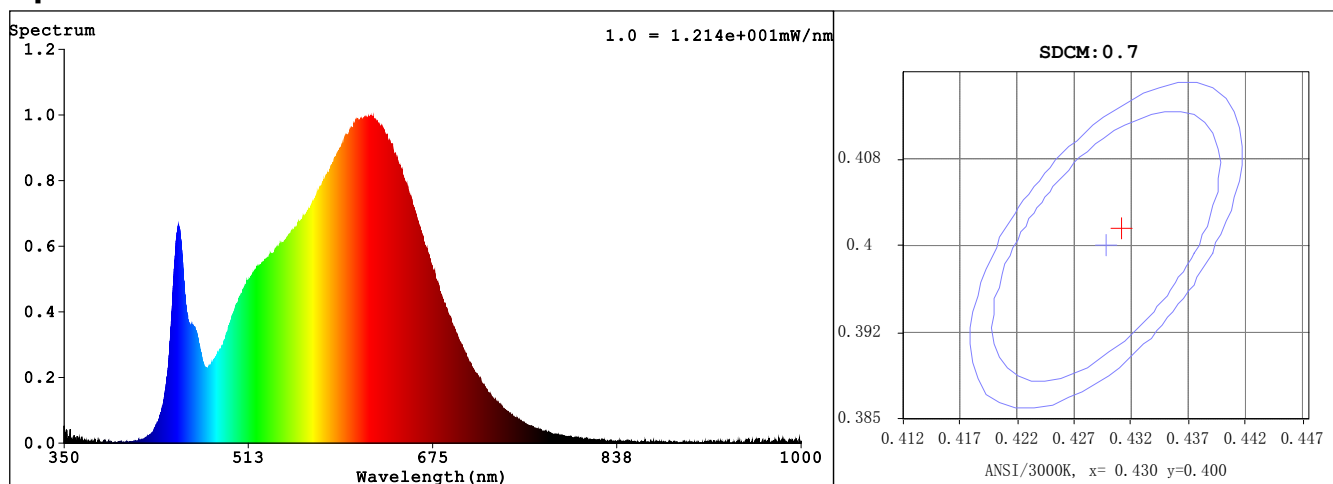
Date : 2020-12-08 14:42:07
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : CHM
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 7660 (12%)
T : 158 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4313$ $y = 0.4015$ / $u' = 0.2481$ $v' = 0.5195$ ($duv = -2.27e-04$) $Dx, Dy: -0.0003, -0.0007$

CCT= 3076K Prcp WL: $L_d = 582.6nm$ Purity=50.0%

Peak WL: $L_p = 621nm$ FWHM: $= 164.8nm$ Ratio: $R = 23.8\%$ $G = 73.1\%$ $B = 3.0\%$

Render Index: $R_a = 92.9$

$R_1 = 93$ $R_2 = 97$ $R_3 = 99$ $R_4 = 93$ $R_5 = 93$ $R_6 = 96$ $R_7 = 91$

$R_8 = 81$ $R_9 = 57$ $R_{10} = 92$ $R_{11} = 95$ $R_{12} = 80$ $R_{13} = 94$ $R_{14} = 99$ $R_{15} = 89$

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 611.45 lm Eff. : 98.87 lm/W $F_e = 2.0995 W$

(EQE):388.12%

Flux of emitted photons($\mu mol/s$):10.269 Fluo. and blue light ratio:10.45 Fluorescent eff.:309.9

A: $4.6903e-001mW$

B: $2.0995e+003mW$

Photons1: $1.057e+000 \mu mol/s(400\sim 500nm)$ Photons2: $4.811e+000 \mu mol/s(600\sim 700nm)$

Electrical parameters

$V = 24.00 V$ $I = 0.2577 A$ $P = 6.184 W$ PF = 1.000

Freq=0.00 Hz

Spectrum Test Report

Sample :
Specification : UTFS-UTC0B480-2406WW-3000K
Sample No. : 17
Manufacturer :

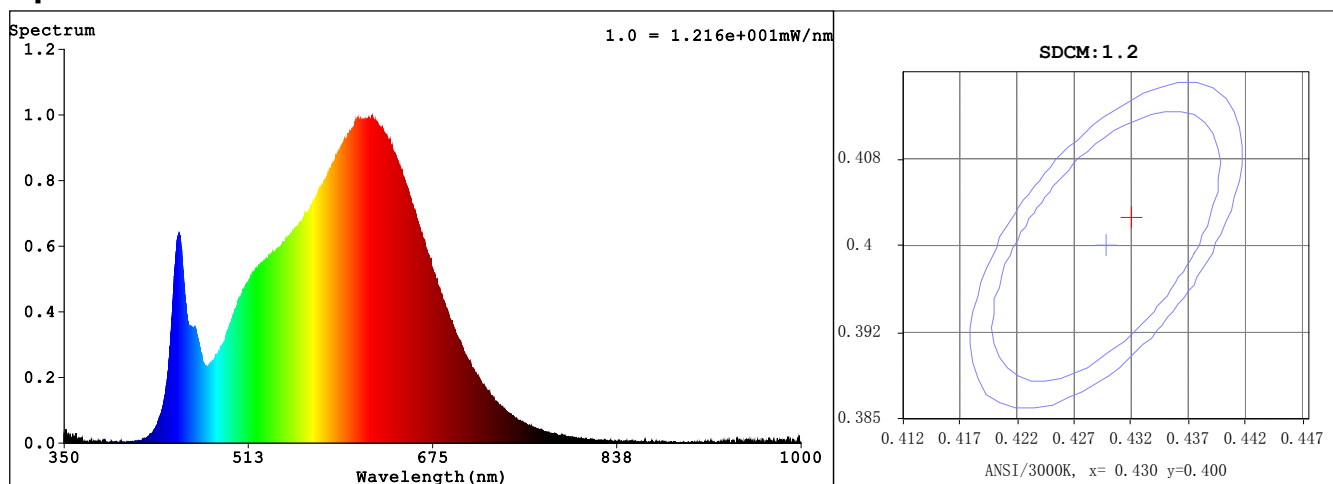
Date : 2020-12-08 14:42:58
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : CHM
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 7634 (12%)
T : 158 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4322$ $y = 0.4025$ / $u' = 0.2482$ $v' = 0.5200$ ($duv=2.73e-05$) $Dx, Dy: 0.0000, 0.0001$

CCT= 3068K Prcp WL: $L_d=582.5nm$ Purity=50.5%

Peak WL: $L_p=622nm$ FWHM: $=164.9nm$ Ratio: $R=23.9\%$ $G=73.1\%$ $B=3.0\%$

Render Index: $R_a = 93.0$

$R_1 = 93$ $R_2 = 97$ $R_3 = 99$ $R_4 = 93$ $R_5 = 93$ $R_6 = 96$ $R_7 = 92$

$R_8 = 81$ $R_9 = 57$ $R_{10} = 92$ $R_{11} = 95$ $R_{12} = 80$ $R_{13} = 94$ $R_{14} = 99$ $R_{15} = 89$

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 610.67 lm Eff. : 97.87 lm/W $Fe = 2.0956 W$

(EQE):384.15%

Flux of emitted photons($\mu mol/s$):10.254 Fluo. and blue light ratio:10.14 Fluorescent eff.:305.8

A: $4.7677e-001mW$

B: $2.0956e+003mW$

Photons1: $1.047e+000 \mu mol/s(400\sim 500nm)$ Photons2: $4.815e+000 \mu mol/s(600\sim 700nm)$

Electrical parameters

$V = 24.00 V$ $I = 0.2600 A$ $P = 6.239 W$ PF = 1.000

Freq=0.00 Hz

Spectrum Test Report

Sample :
 Specification : UTFS-UTC0B480-2406WW-3000K
 Sample No. : 18
 Manufacturer :

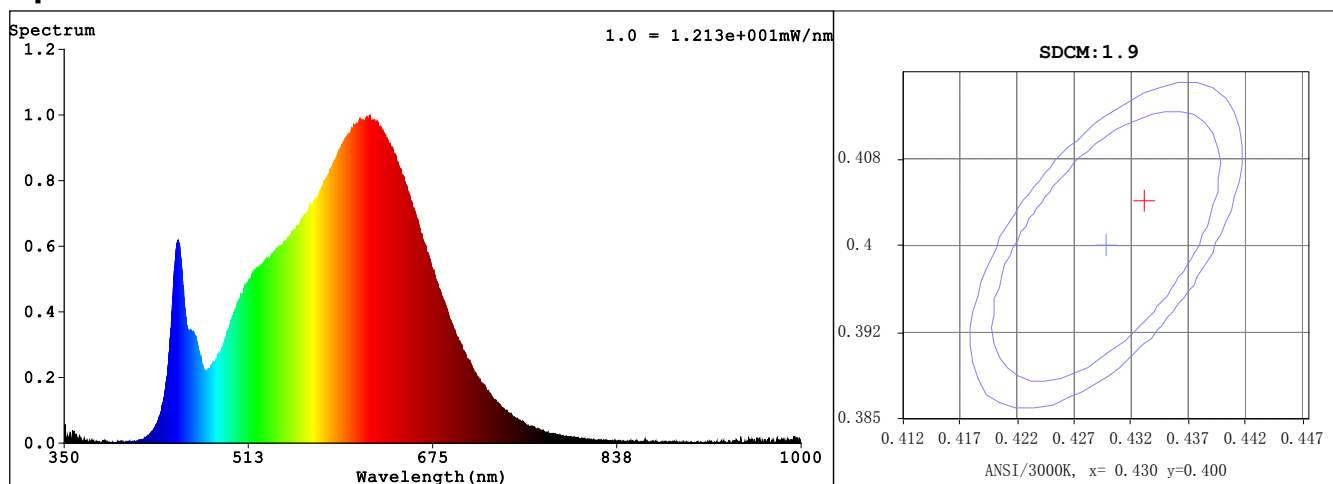
Date : 2020-12-08 14:43:39
 Sam. Status :
 Instrument : HAAS-2000(EVERFINE)
 Test by : CHM
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 7617 (12%)
 T : 158 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4333$ $y = 0.4039$ / $u' = 0.2483$ $v' = 0.5208$ ($duv=4.54e-04$) $Dx, Dy: 0.0006, 0.0014$

CCT= 3060K Prcp WL: $L_d=582.4nm$ Purity=51.3%

Peak WL: $L_p=620nm$ FWHM: $=165.8nm$ Ratio: $R=23.9\%$ $G=73.2\%$ $B=3.0\%$

Render Index: $R_a = 92.8$

$R_1=93$ $R_2=96$ $R_3=99$ $R_4=93$ $R_5=93$ $R_6=96$ $R_7=92$

$R_8=81$ $R_9=56$ $R_{10}=91$ $R_{11}=95$ $R_{12}=81$ $R_{13}=94$ $R_{14}=99$ $R_{15}=88$

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 606.87 lm Eff. : 97.52 lm/W $Fe = 2.0776 W$

(EQE):382.06%

Flux of emitted photons($\mu mol/s$):10.169 Fluo. and blue light ratio:10.61 Fluorescent eff.:305.2

A: $4.3905e-001mW$

B: $2.0776e+003mW$

Photons1: $1.018e+000 \mu mol/s(400\sim 500nm)$ Photons2: $4.781e+000 \mu mol/s(600\sim 700nm)$

Electrical parameters

$V = 24.00 V$ $I = 0.2593 A$ $P = 6.223 W$ PF = 1.000

Freq=0.00 Hz