

Spectrum Test Report

Sample :
Specification : UTFS-UTCOB480-2404WW-2700K
Sample No. : 1
Manufacturer :

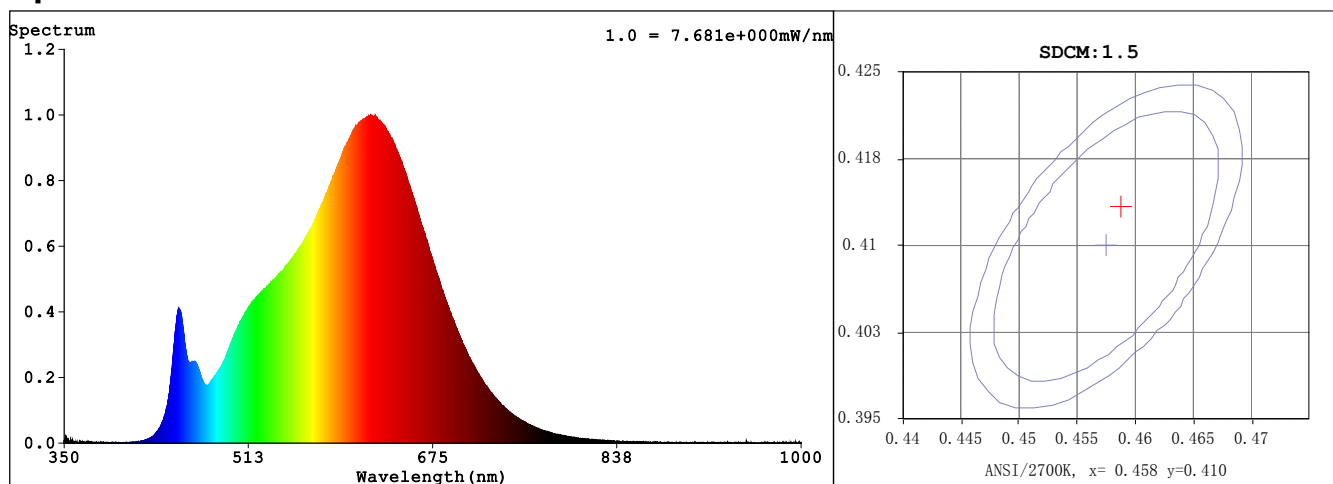
Date : 2020-12-06 16:59:12
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : CHM
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 50086 (76%)
T : 1638 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4591$ $y = 0.4135$ / $u' = 0.2607$ $v' = 0.5283$ (duv=1.13e-03) Dx,Dy:0.0019,0.0035

CCT= 2733K Prpc WL: Ld=583.7nm Purity=61.9%

Peak WL: Lp=620nm FWHM: =144.6nm Ratio:R=26.1% G=71.4% B=2.5%

Render Index: Ra = 92.6

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

R8 =79 R9 =54 R10=93 R11=95 R12=84 R13=94 R14=100 R15=87

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 355.47 lm Eff. : 92.93 lm/W Fe = 1.2419 W

(EQE):376.59%

Flux of emitted photons(umol/s):6.1665 Fluo. and blue light ratio:14.75 Fluorescent eff.:304.1

A: 2.0949e-001mW

B: 1.2419e+003mW

Photons1:4.721e-001 umol/s(400~500nm) Photons2:3.121e+000 umol/s(600~700nm)

Electrical parameters

V = 24.00 V I = 0.1594 A P = 3.825 W PF = 1.000

Freq=0.00 Hz

Spectrum Test Report

Sample :
Specification : UTFS-UTC0B480-2404WW-2700K
Sample No. : 2
Manufacturer :

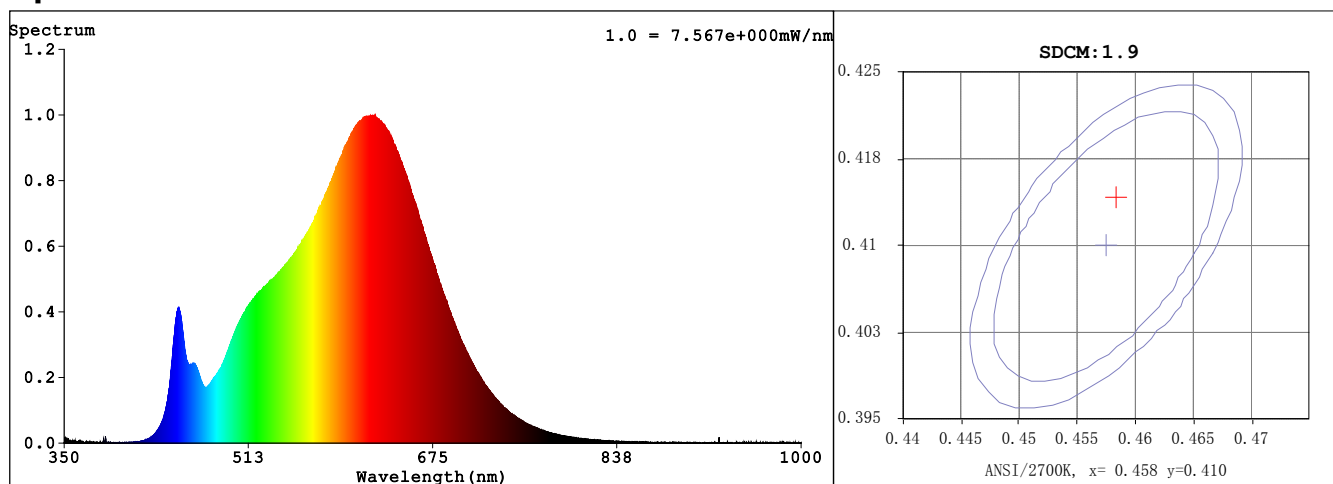
Date : 2020-12-06 17:04:04
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : CHM
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 49551 (76%)
T : 1638 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4587$ $y = 0.4143$ / $u' = 0.2601$ $v' = 0.5286$ ($duv=1.45e-03$) $Dx, Dy: 0.0025, 0.0045$

CCT= 2745K Prcp WL: $L_d=583.5nm$ Purity=62.0%

Peak WL: $L_p=624nm$ FWHM: $=146.3nm$ Ratio: R=26.0% G=71.5% B=2.5%

Render Index: $R_a = 92.6$

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

R8 =79 R9 =54 R10=92 R11=95 R12=84 R13=94 R14=99 R15=87

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 352.50 lm Eff. : 92.97 lm/W $F_e = 1.2279 W$

(EQE):375.51%

Flux of emitted photons($\mu mol/s$):6.0949 Fluo. and blue light ratio:15.15 Fluorescent eff.:303.8

A: $3.1224e-001mW$

B: $1.2279e+003mW$

Photons1: $4.645e-001 \mu mol/s(400\sim 500nm)$ Photons2: $3.078e+000 \mu mol/s(600\sim 700nm)$

Electrical parameters

V = 24.00 V I = 0.1580 A P = 3.792 W PF = 1.000

Freq=0.00 Hz

Spectrum Test Report

Sample :
Specification : UTFS-UTC0B480-2404WW-2700K
Sample No. : 3
Manufacturer :

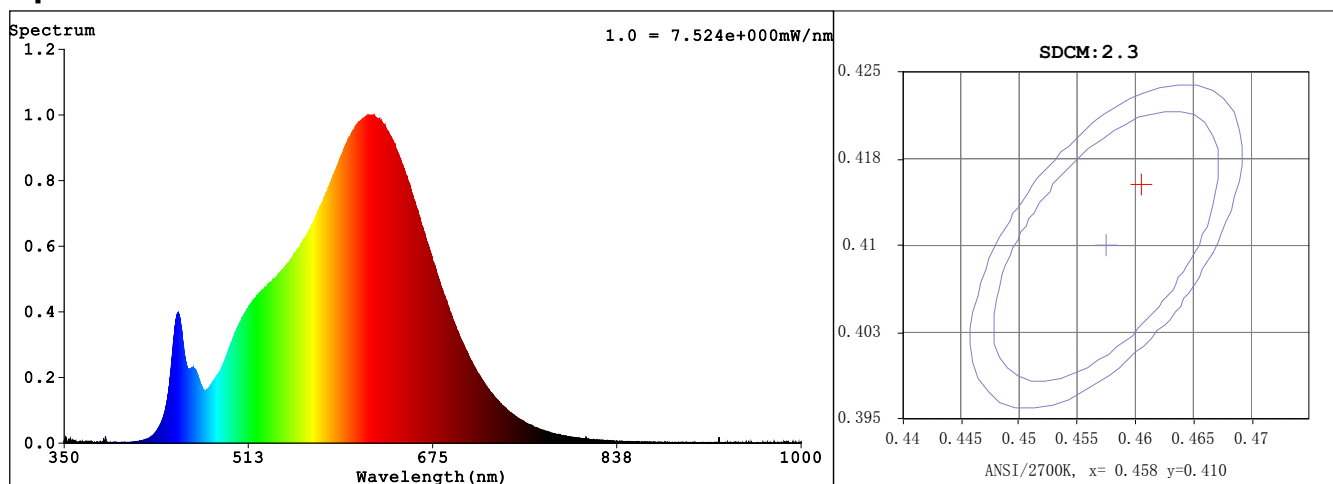
Date : 2020-12-06 17:05:15
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : CHM
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 49189 (75%)
T : 1638 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4608$ $y = 0.4154$ / $u' = 0.2610$ $v' = 0.5293$ (duv=1.67e-03) Dx,Dy:0.0029,0.0052

CCT= 2723K Prpc WL: Ld=583.6nm Purity=63.0%

Peak WL: Lp=623nm FWHM: =145.7nm Ratio:R=26.1% G=71.5% B=2.4%

Render Index: Ra = 92.4

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

R8 =79 R9 =53 R10=91 R11=95 R12=84 R13=93 R14=99 R15=87

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 348.64 lm Eff. : 92.24 lm/W Fe = 1.2137 W

(EQE):372.7%

Flux of emitted photons(umol/s):6.0303 Fluo. and blue light ratio:15.82 Fluorescent eff.:302.1

A: 3.3032e-001mW

B: 1.2137e+003mW

Photons1:4.459e-001 umol/s(400~500nm) Photons2:3.058e+000 umol/s(600~700nm)

Electrical parameters

V = 24.00 V I = 0.1575 A P = 3.780 W PF = 1.000

Freq=0.00 Hz