

Spectrum Test Report

Sample :
Specification : UTFS-UTC0B480-2406WW-2700K
Sample No. : 13
Manufacturer :

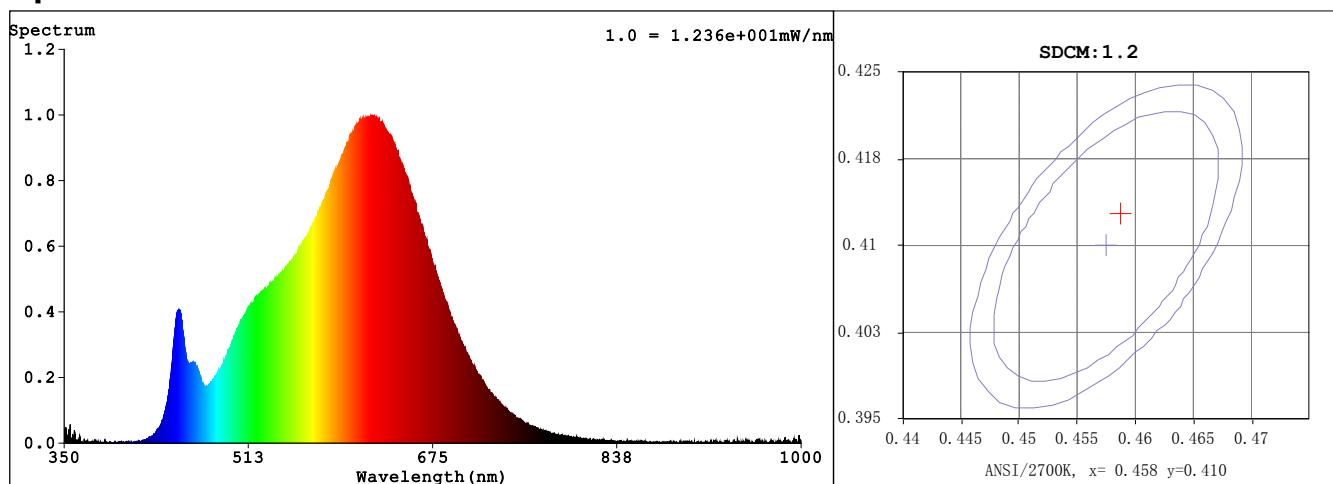
Date : 2020-12-08 14:37:28
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : CHM
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 7808 (12%)
T : 158 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4590$ $y = 0.4129$ / $u' = 0.2610$ $v' = 0.5281$ ($duv=9.04e-04$) $Dx, Dy: 0.0015, 0.0028$

CCT= 2729K Prpc WL: $L_d=583.8nm$ Purity=61.7%

Peak WL: $L_p=621nm$ FWHM: $=144.3nm$ Ratio: $R=26.1\%$ $G=71.4\%$ $B=2.5\%$

Render Index: $R_a = 92.5$

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

$R_8 = 79$ $R_9 = 54$ $R_{10} = 92$ $R_{11} = 95$ $R_{12} = 84$ $R_{13} = 94$ $R_{14} = 100$ $R_{15} = 87$

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 569.24 lm Eff. : 92.15 lm/W $F_e = 1.9913 W$

(EQE):373.95%

Flux of emitted photons($\mu mol/s$):9.873 Fluo. and blue light ratio:14.68 Fluorescent eff.:301.9

A: $3.9475e-001mW$

B: $1.9913e+003mW$

Photons1: $7.562e-001 \mu mol/s(400\sim 500nm)$ Photons2: $4.999e+000 \mu mol/s(600\sim 700nm)$

Electrical parameters

$V = 24.00 V$ $I = 0.2574 A$ $P = 6.177 W$ PF = 1.000

Freq=0.00 Hz

Spectrum Test Report

Sample :
Specification : UTFS-UTC0B480-2406WW-2700K
Sample No. : 14
Manufacturer :

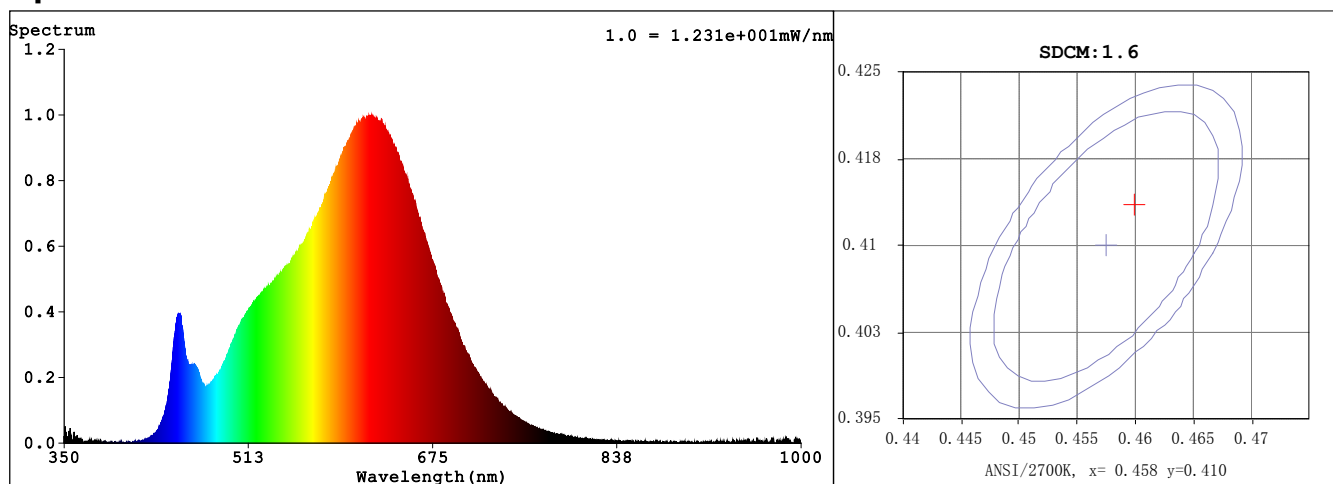
Date : 2020-12-08 14:40:18
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : CHM
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 7792 (12%)
T : 158 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4602$ $y = 0.4136$ / $u' = 0.2614$ $v' = 0.5286$ ($duv=1.09e-03$) $Dx, Dy: 0.0019, 0.0034$

CCT= 2718K Prcp WL: $L_d=583.8nm$ Purity=62.3%

Peak WL: $L_p=619nm$ FWHM: $=144.4nm$ Ratio: $R=26.2\%$ $G=71.4\%$ $B=2.5\%$

Render Index: $R_a = 92.3$

$R_1 = 92$ $R_2 = 97$ $R_3 = 99$ $R_4 = 93$ $R_5 = 92$ $R_6 = 97$ $R_7 = 91$

$R_8 = 78$ $R_9 = 53$ $R_{10} = 92$ $R_{11} = 95$ $R_{12} = 84$ $R_{13} = 94$ $R_{14} = 100$ $R_{15} = 87$

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 566.44 lm Eff. : 90.23 lm/W $F_e = 1.9792 W$

(EQE):365.97%

Flux of emitted photons($\mu mol/s$):9.8151 Fluo. and blue light ratio:15.30 Fluorescent eff.:296.0

A: $3.8877e-001mW$

B: $1.9792e+003mW$

Photons1: $7.422e-001 \mu mol/s(400\sim 500nm)$ Photons2: $4.972e+000 \mu mol/s(600\sim 700nm)$

Electrical parameters

$V = 24.00 V$ $I = 0.2616 A$ $P = 6.278 W$ PF = 1.000

Freq=0.00 Hz

Spectrum Test Report

Sample :
Specification : UTFS-UTCOB480-2406WW-2700K
Sample No. : 15
Manufacturer :

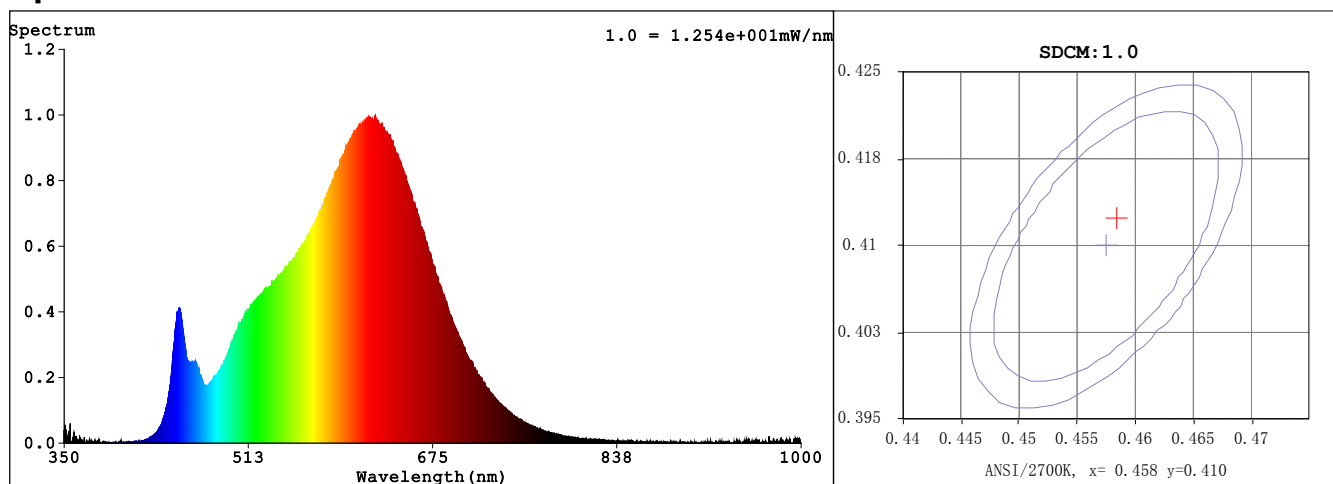
Date : 2020-12-08 14:40:52
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : CHM
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 7847 (12%)
T : 158 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4587$ $y = 0.4125$ / $u' = 0.2609$ $v' = 0.5279$ ($duv=7.93e-04$) $Dx, Dy: 0.0014, 0.0025$

CCT= 2731K Prcp WL: $L_d=583.8nm$ Purity=61.5%

Peak WL: $L_p=624nm$ FWHM: $=143.1nm$ Ratio: $R=26.2\%$ $G=71.3\%$ $B=2.5\%$

Render Index: $R_a = 92.6$

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

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

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 572.95 lm Eff. : 92.25 lm/W $Fe = 2.0049 W$

(EQE):374.47%

Flux of emitted photons($\mu mol/s$):9.9387 Fluo. and blue light ratio:14.58 Fluorescent eff.:302.1

A: $3.5242e-001mW$

B: $2.0049e+003mW$

Photons1: $7.680e-001 \mu mol/s(400\sim 500nm)$ Photons2: $5.029e+000 \mu mol/s(600\sim 700nm)$

Electrical parameters

$V = 24.00 V$ $I = 0.2588 A$ $P = 6.211 W$ PF = 1.000

Freq=0.00 Hz