

Spectrum Test Report

Sample :
Specification : UTFS-BSCOB320-2410NW-4000K
Sample No. : 3
Manufacturer :

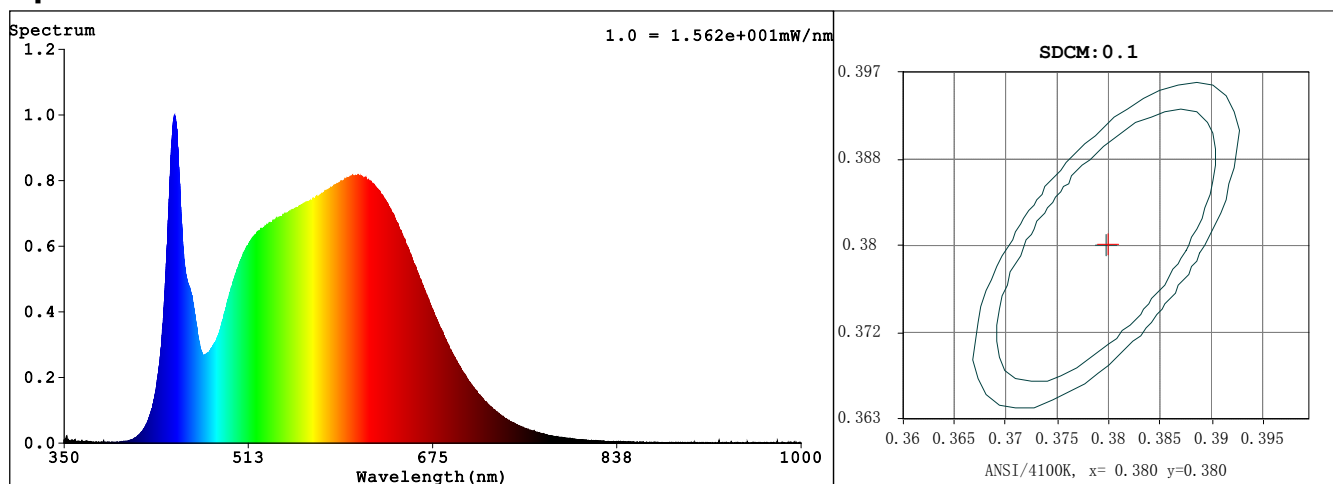
Date : 2020-09-17 18:29:40
Sam. Status : 4000K
Instrument : HAAS-2000(EVERFINE)
Test by : CHM
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 46507 (71%)
T : 858 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3802$ $y = 0.3801$ / $u' = 0.2236$ $v' = 0.5030$ ($duv=1.65e-03$) $Dx, Dy: 0.0011, 0.0042$

CCT= 4031K Prcp WL: $L_d=578.1nm$ Purity=28.2%

Peak WL: $L_p=447nm$ FWHM: $=18.9nm$ Ratio: R=19.3% G=76.9% B=3.8%

Render Index: $R_a = 90.9$

R1 =91 R2 =93 R3 =94 R4 =92 R5 =90 R6 =90 R7 =93

R8 =83 R9 =55 R10=83 R11=92 R12=73 R13=91 R14=97 R15=87

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 791.95 lm Eff. : 103.00 lm/W $Fe = 2.6452 W$

(EQE):381.14%

Flux of emitted photons($\mu mol/s$):12.575 Fluo. and blue light ratio:6.125 Fluorescent eff.:295.8

A: $6.3381e-001mW$

B: $2.6452e+003mW$

Photons1: $1.989e+000 \mu mol/s(400\sim 500nm)$ Photons2: $4.884e+000 \mu mol/s(600\sim 700nm)$

Electrical parameters

V = 24.00 V I = 0.3204 A P = 7.689 W PF = 1.000

Freq=0.00 Hz

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Sample No. : 3
Manufacturer :

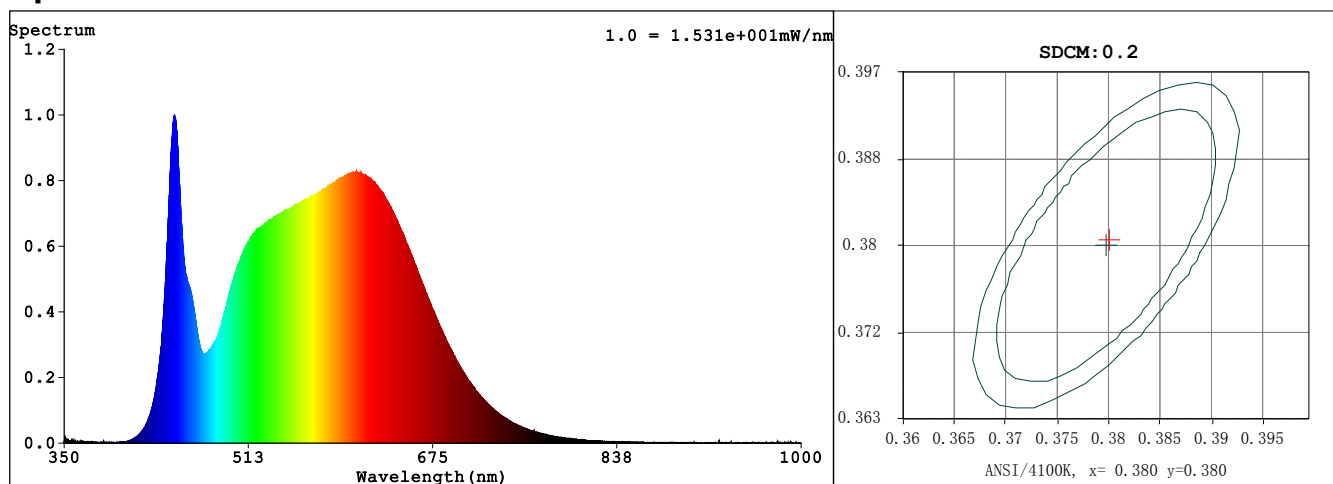
Date : 2020-09-17 18:30:42
Sam. Status : 4000K
Instrument : HAAS-2000(EVERFINE)
Test by : CHM
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 46089 (70%)
T : 858 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3803$ $y = 0.3806$ / $u' = 0.2235$ $v' = 0.5032$ ($duv=1.81e-03$) $Dx, Dy: 0.0012, 0.0046$

CCT= 4031K Prcp WL: $L_d=578.0nm$ Purity=28.3%

Peak WL: $L_p=447nm$ FWHM: =19.2nm Ratio: R=19.2% G=76.9% B=3.8%

Render Index: $R_a = 90.8$

R1 =91 R2 =93 R3 =94 R4 =92 R5 =90 R6 =90 R7 =93

R8 =83 R9 =54 R10=83 R11=92 R12=73 R13=91 R14=97 R15=87

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 786.61 lm Eff. : 102.24 lm/W $Fe = 2.6244 W$

(EQE):377.89%

Flux of emitted photons($\mu mol/s$):12.475 Fluo. and blue light ratio:6.130 Fluorescent eff.:293.3

A: $6.5587e-001mW$

B: $2.6244e+003mW$

Photons1: $1.971e+000 \mu mol/s(400\sim 500nm)$ Photons2: $4.842e+000 \mu mol/s(600\sim 700nm)$

Electrical parameters

V = 24.00 V I = 0.3206 A P = 7.694 W PF = 1.000

Freq=0.00 Hz

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Specification : UTFS-BSCOB320-2410NW-4000K
Sample No. : 3
Manufacturer :

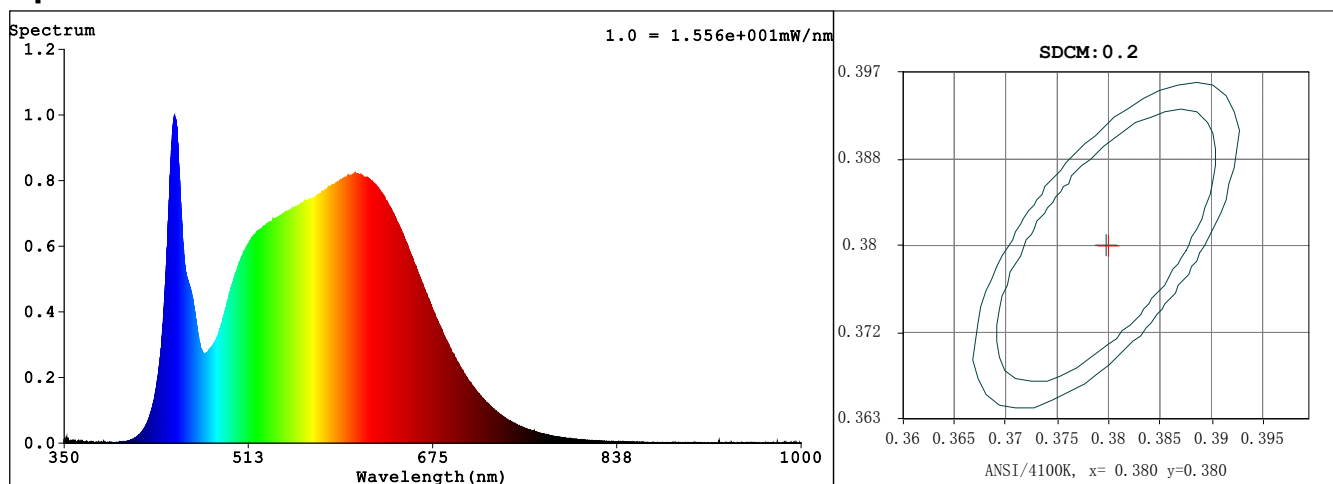
Date : 2020-09-17 18:31:22
Sam. Status : 4000K
Instrument : HAAS-2000(EVERFINE)
Test by : CHM
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 46559 (71%)
T : 858 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3802$ $y = 0.3800$ / $u' = 0.2237$ $v' = 0.5030$ ($duv=1.56e-03$) $Dx, Dy: 0.0010, 0.0040$

CCT= 4028K Prcp WL: $L_d=578.1nm$ Purity=28.1%

Peak WL: $L_p=447nm$ FWHM: =19.5nm Ratio: R=19.3% G=76.9% B=3.9%

Render Index: $R_a = 90.9$

R1 =91 R2 =93 R3 =94 R4 =92 R5 =90 R6 =90 R7 =93

R8 =83 R9 =55 R10=83 R11=92 R12=73 R13=91 R14=97 R15=87

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 793.59 lm Eff. : 102.89 lm/W $Fe = 2.6527 W$

(EQE):381.06%

Flux of emitted photons($\mu mol/s$):12.61 Fluo. and blue light ratio:6.063 Fluorescent eff.:295.3

A: $6.1694e-001mW$

B: $2.6527e+003mW$

Photons1: $1.997e+000 \mu mol/s(400\sim 500nm)$ Photons2: $4.900e+000 \mu mol/s(600\sim 700nm)$

Electrical parameters

V = 24.00 V I = 0.3214 A P = 7.713 W PF = 1.000

Freq=0.00 Hz