

Finished Product Test Report

Sample :
Specification : UTFS-HECOB480-2408NW-4000K
Sample No. : 3
Manufacturer :

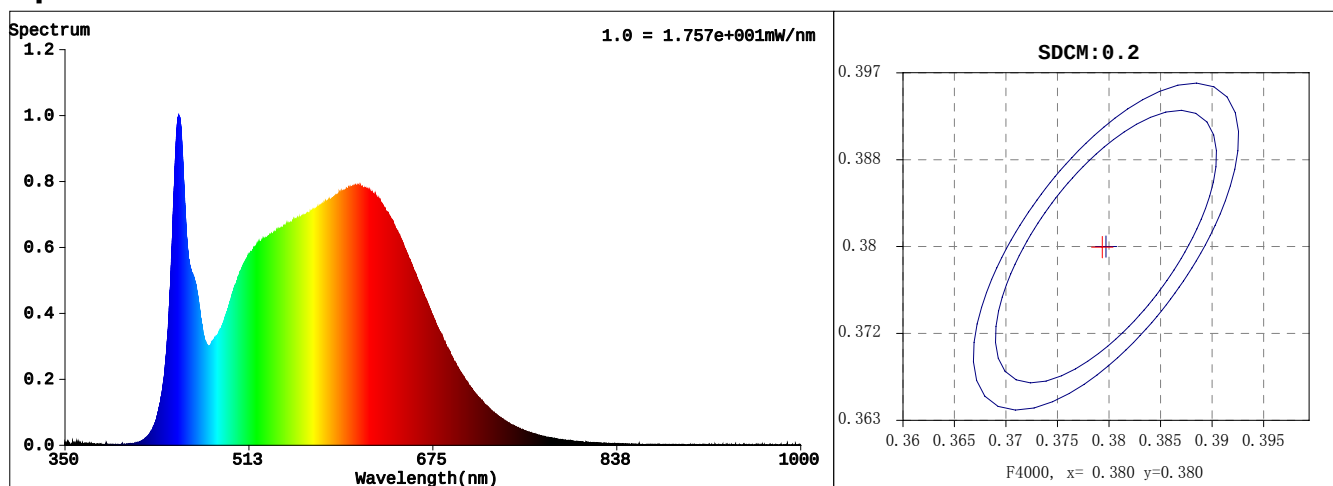
Date : 2020-09-22 10:17:48
Sam. Status : 4000K
Instrument : HAAS-2000(EVERFINE)
Test by : CHM
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 45133 (69%)
T : 767 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3797$ $y = 0.3799$ / $u' = 0.2233$ $v' = 0.5029$ ($duv=1.72e-03$) $Dx, Dy: 0.0011, 0.0044$

CCT= 4044K Prpc WL: $L_d=578.0nm$ Purity=28.0%

Peak WL: $L_p=450nm$ FWHM: $=21.4nm$ Ratio: R=19.4% G=76.5% B=4.1%

Render Index: $R_a = 92.0$

R1 =92 R2 =95 R3 =97 R4 =92 R5 =91 R6 =92 R7 =94

R8 =83 R9 =58 R10=87 R11=92 R12=70 R13=93 R14=98 R15=88

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 856.47 lm Eff. : 102.53 lm/W $Fe = 2.8659 W$

(EQE):380.44%

Flux of emitted photons($\mu mol/s$):13.637 Fluo. and blue light ratio:5.895 Fluorescent eff.:293.4

A: $6.7491e-001mW$

B: $2.8659e+003mW$

Electrical parameters

V = 24.00 V I = 0.3481 A P = 8.354 W PF = 1.000

Freq=0.00 Hz