

Finished Product Test Report

Sample :
Specification : UTFS-HECOB480-2410NW-4000K
Sample No. : 7
Manufacturer :

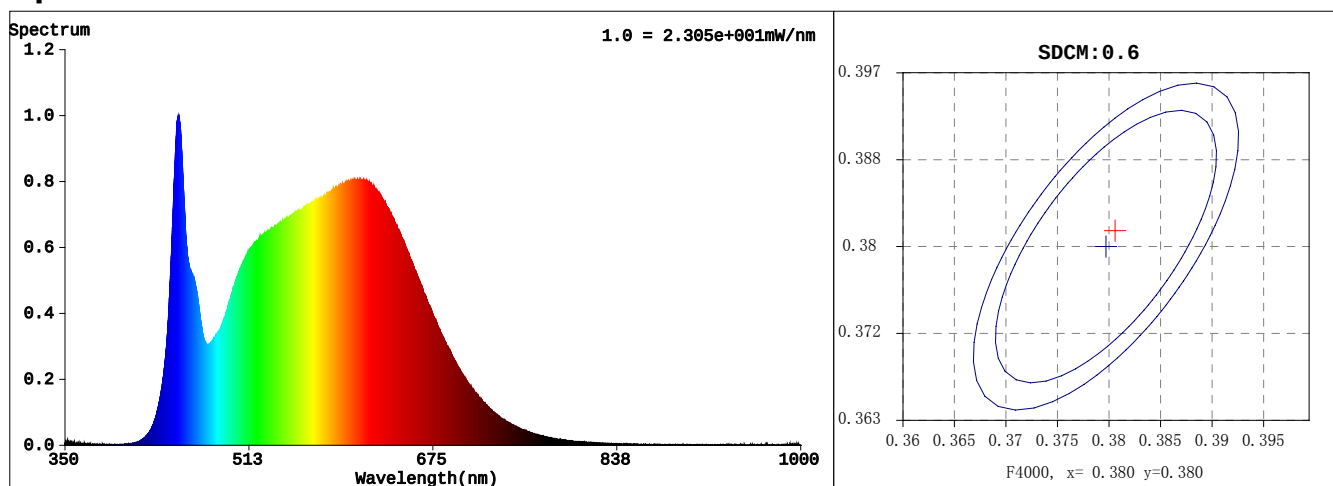
Date : 2020-07-22 10:52:20
Sam. Status : 4000K
Instrument : HAAS-2000(EVERFINE)
Test by : LHY
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 39618 (60%)
T : 525 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3809$ $y = 0.3815$ / $u' = 0.2235$ $v' = 0.5037$ ($duv=2.10e-03$) $Dx, Dy: 0.0013, 0.0054$

CCT= 4021K Prpc WL: $L_d=577.9nm$ Purity=28.8%

Peak WL: $L_p=451nm$ FWHM: $=21.6nm$ Ratio: R=19.3% G=76.6% B=4.1%

Render Index: $R_a = 91.5$

R1 =91 R2 =94 R3 =96 R4 =92 R5 =90 R6 =92 R7 =94

R8 =83 R9 =55 R10=86 R11=92 R12=70 R13=92 R14=98 R15=88

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1153.9 lm Eff. : 106.50 lm/W $Fe = 3.8429 W$

(EQE):393.41%

Flux of emitted photons($\mu mol/s$):18.29 Flu. and blue light ratio:6.066 Fluorescent eff.:304.6

A: $7.2445e-001mW$

B: $3.8429e+003mW$

Electrical parameters

V = 24.00 V I = 0.4515 A P = 10.84 W PF = 1.000

Freq=0.00 Hz