

Spectrum Test Report

Sample :
Specification : UTFS-TWCOB840-2410-3000-6500K
Sample No. : 1
Manufacturer :

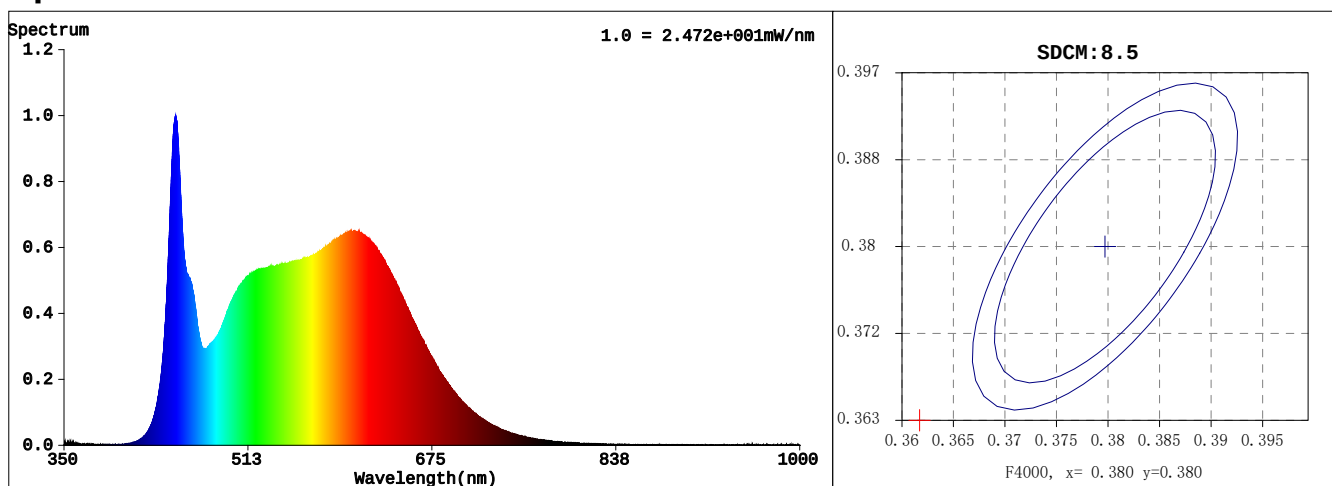
Date : 2021-02-26 15:29:35
Sam Status : W+C
Instrument : HAAS-2000(EVERFINE)
Test by : LHY
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 48845 (75%)
T : 761 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3620$ $y = 0.3623$ / $u' = 0.2186$ $v' = 0.4923$ ($duv = -1.07e-03$) $Dx, Dy: -0.0005, -0.0025$

CCT= 4453K Prcp WL: $L_d = 577.9nm$ Purity=17.3%

Peak WL: $L_p = 449nm$ FWHM: $=20.6nm$ Ratio: R=18.7% G=76.5% B=4.8%

Render Index: $R_a = 93.5$

R1 =94 R2 =97 R3 =97 R4 =95 R5 =94 R6 =94 R7 =93

R8 =84 R9 =60 R10=91 R11=95 R12=74 R13=95 R14=99 R15=91

LEVEL:OUT WHITE:ANSI_4500K

Photometric & Radiometric Parameters

Flux = 1000.9 lm Eff. : 83.02 lm/W $F_e = 3.3512 W$

(EQE):303.04%

Flux of emitted photons($\mu mol/s$):15.701 Fluo. and blue light ratio:4.824 Fluorescent eff.:230.3

A: $8.4411e-001mW$

B: $3.3512e+003mW$

Electrical parameters

V = 24.00 V I = 0.5024 A P = 12.06 W PF = 1.000

Freq=0.00 Hz