

Spectrum Test Report

Sample :
Specification : UTFS-TWCOB840-2410WW-3000K
Sample No. : 2
Manufacturer :

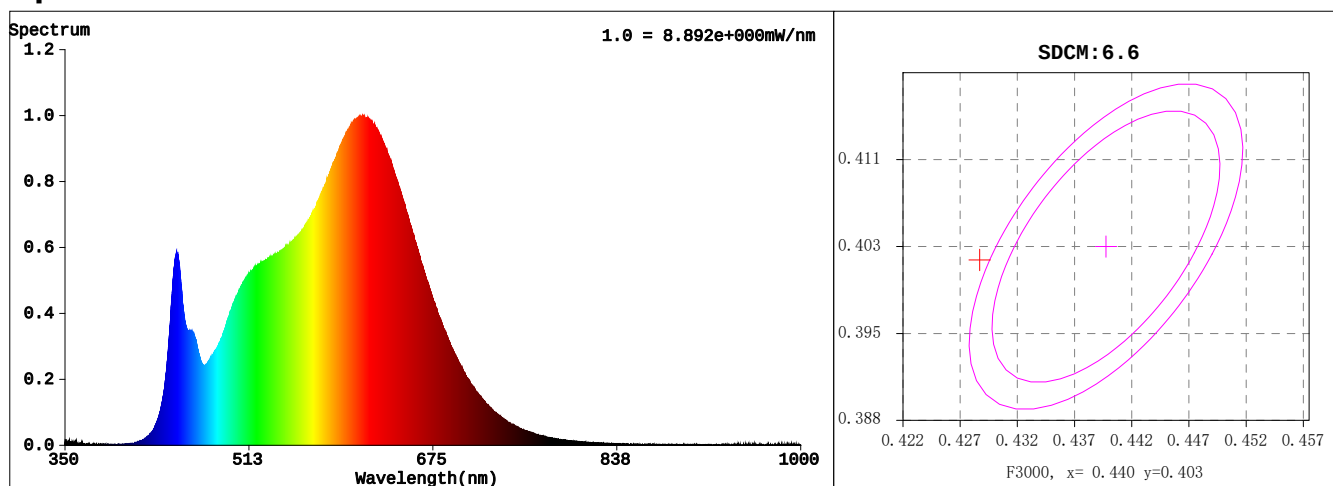
Date : 2021-02-26 15:32:34
Sam Status : 3000K
Instrument : HAAS-2000(EVERFINE)
Test by : LHY
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 52071 (79%)
T : 1452 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4290$ $y = 0.4018$ / $u' = 0.2464$ $v' = 0.5193$ ($duv=2.68e-04$) $Dx, Dy: 0.0004, 0.0008$

CCT= 3121K Prcp WL: $L_d=582.2nm$ Purity=49.4%

Peak WL: $L_p=613nm$ FWHM: $=161.0nm$ Ratio: $R=23.7\%$ $G=73.1\%$ $B=3.2\%$

Render Index: $R_a = 92.8$

$R1 = 94$ $R2 = 98$ $R3 = 98$ $R4 = 94$ $R5 = 94$ $R6 = 97$ $R7 = 90$

$R8 = 78$ $R9 = 50$ $R10 = 95$ $R11 = 97$ $R12 = 86$ $R13 = 95$ $R14 = 99$ $R15 = 87$

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 444.59 lm Eff. : 75.71 lm/W $F_e = 1.4748 W$

(EQE):284.57%

Flux of emitted photons($\mu mol/s$):7.1693 Fluo. and blue light ratio:10.26 Fluorescent eff.:228.9

A: $3.1066e-001mW$

B: $1.4748e+003mW$

Electrical parameters

V = 24.00 V I = 0.2447 A P = 5.872 W PF = 1.000

Freq=0.00 Hz