

Spectrum Test Report

Sample :
Specification : UTFS-TWCOB840-2410CW-6500K
Sample No. : 3
Manufacturer :

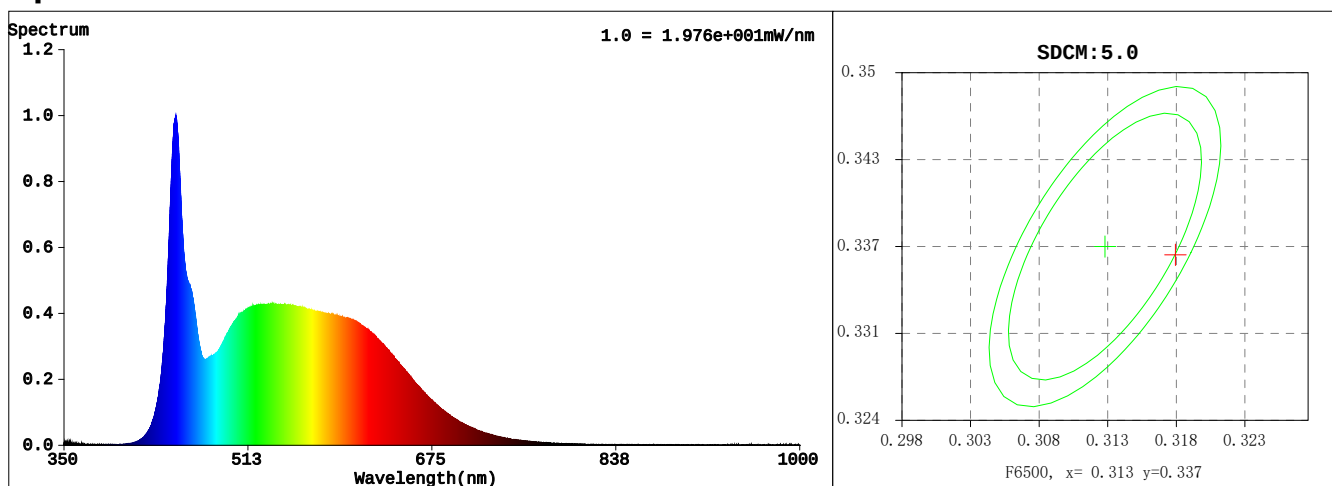
Date : 2021-02-26 15:33:44
Sam Status : 6500K
Instrument : HAAS-2000(EVERFINE)
Test by : LHY
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 52360 (80%)
T : 1068 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3181$ $y = 0.3364$ / $u' = 0.1988$ $v' = 0.4730$ ($duv=4.28e-03$) $Dx, Dy: -0.0007, 0.0076$

CCT= 6178K Prpc WL: $L_d=494.3nm$ Purity=4.9%

Peak WL: $L_p=449nm$ FWHM: $=17.8nm$ Ratio: $R=14.8\%$ $G=79.2\%$ $B=6.0\%$

Render Index: $R_a = 90.3$

$R1 = 90$ $R2 = 93$ $R3 = 94$ $R4 = 91$ $R5 = 90$ $R6 = 89$ $R7 = 93$

$R8 = 82$ $R9 = 46$ $R10 = 83$ $R11 = 91$ $R12 = 68$ $R13 = 91$ $R14 = 97$ $R15 = 86$

LEVEL:OUT WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 568.01 lm Eff. : 90.07 lm/W $Fe = 1.9155 W$

(EQE):321.12%

Flux of emitted photons($\mu mol/s$):8.7122 Fluo. and blue light ratio:3.296 Fluorescent eff.:233.1

A: $6.1924e-001mW$

B: $1.9155e+003mW$

Electrical parameters

$V = 24.00 V$ $I = 0.2628 A$ $P = 6.307 W$ PF = 1.000

Freq=0.00 Hz