

Finished Product Test Report

Sample : 3000K
 Specification : UTFS-PSCOB420-2408WW-3000K
 Sample No. : 10W-1
 Manufacturer :

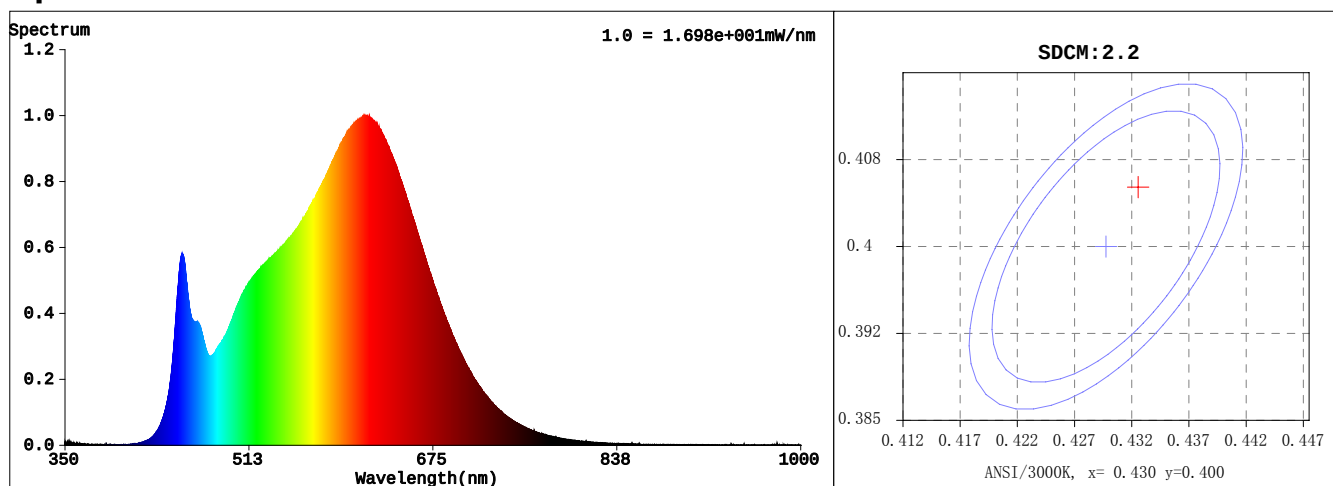
Date : 2020-06-27 10:42:58
 Sam Status :
 Instrument : HAAS-2000(EVERFINE)
 Test by : TJK
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 51183 (78%)
 T : 742 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4328$ $y = 0.4052$ / $u' = 0.2474$ $v' = 0.5212$ ($duv=1.04e-03$) $Dx, Dy: 0.0015, 0.0031$

CCT= 3080K Prcp WL: $L_d=582.1nm$ Purity=51.5%

Peak WL: $L_p=615nm$ FWHM: $=160.6nm$ Ratio: $R=23.7\%$ $G=73.1\%$ $B=3.2\%$

Render Index: $R_a = 91.9$

$R1 = 92$ $R2 = 97$ $R3 = 98$ $R4 = 91$ $R5 = 92$ $R6 = 97$ $R7 = 90$

$R8 = 78$ $R9 = 52$ $R10 = 93$ $R11 = 93$ $R12 = 79$ $R13 = 94$ $R14 = 100$ $R15 = 87$

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 859.94 lm Eff. : 86.14 lm/W $F_e = 2.8925 W$

(EQE):330.41%

Flux of emitted photons($\mu mol/s$):14.143 Fluo. and blue light ratio:9.950 Fluorescent eff.:263.3

A: $5.2172e-001mW$

B: $2.8925e+003mW$

Electrical parameters

V = 24.00 V I = 0.4160 A P = 9.983 W PF = 1.000

Freq=0.00 Hz