

Finished Product Test Report

Sample : 4000K
 Specification : UTFS-PSCOB420-2408NW-4000K
 Sample No. : 10W-1
 Manufacturer :

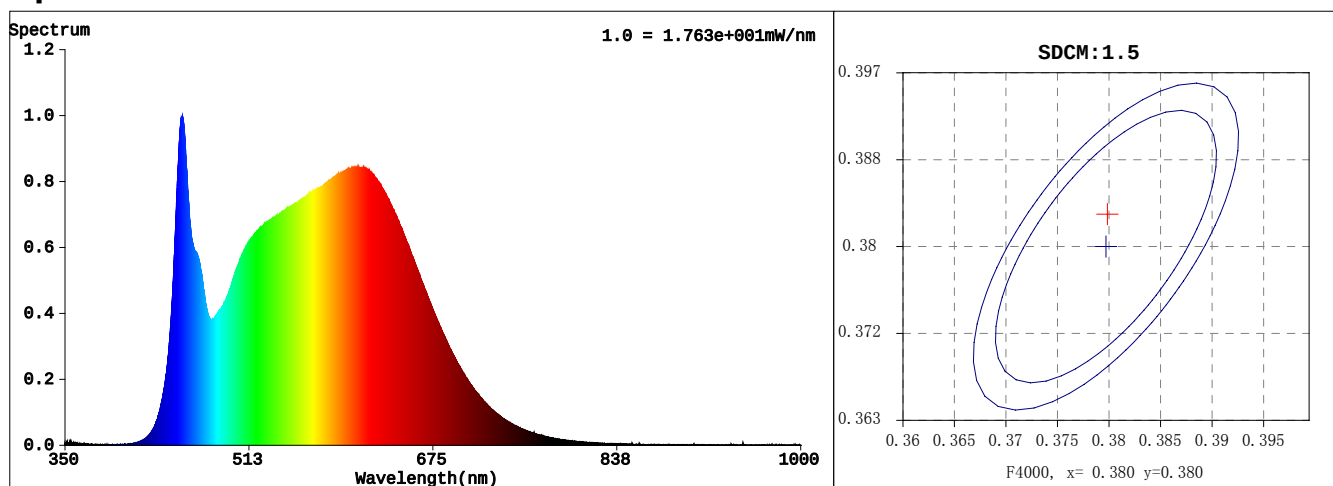
Date : 2020-06-27 10:51:35
 Samp Status :
 Instrument : HAAS-2000(EVERFINE)
 Test by : TJK
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 44757 (68%)
 T : 742 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3801$ $y = 0.3831$ / $u' = 0.2224$ $v' = 0.5043$ ($duv=3.05e-03$) $Dx,Dy:0.0020,0.0078$

CCT= 4053K Prcp WL: $L_d=577.3nm$ Purity=29.1%

Peak WL: $L_p=454nm$ FWHM: $=26.1nm$ Ratio:R=19.3% G=76.4% B=4.4%

Render Index: $R_a = 91.8$

R1 =92 R2 =96 R3 =99 R4 =90 R5 =90 R6 =94 R7 =92

R8 =82 R9 =56 R10=90 R11=91 R12=69 R13=93 R14=99 R15=88

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 925.34 lm Eff. : 92.40 lm/W $F_e = 3.0806 W$

(EQE):341.04%

Flux of emitted photons($\mu mol/s$):14.66 Fluo. and blue light ratio:5.752 Fluorescent eff.:262.1

A: $6.1954e-001mW$

B: $3.0806e+003mW$

Electrical parameters

V = 24.00 V I = 0.4173 A P = 10.01 W PF = 1.000

Freq=0.00 Hz