

Finished Product Test Report

Sample : 6500K
 Specification : UTFS-PSCOB420-2408CW-6500K
 Sample No. : 10W-1
 Manufacturer :

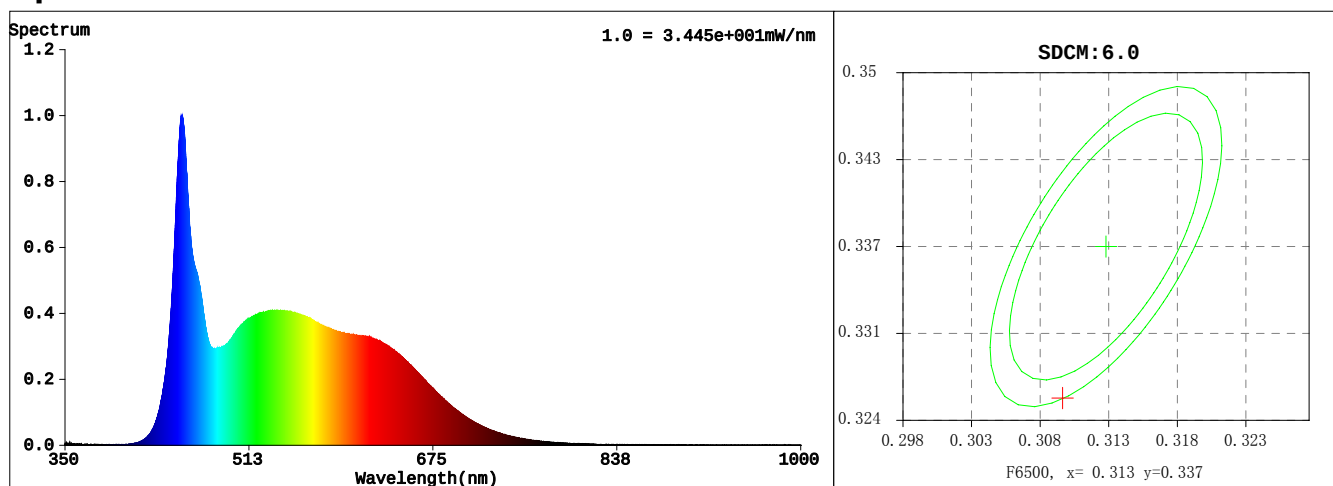
Date : 2020-06-27 10:58:47
 Samp Status :
 Instrument : HAAS-2000(EVERFINE)
 Test by : TJK
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 52164 (80%)
 T : 570 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3098$ $y = 0.3260$ / $u' = 0.1970$ $v' = 0.4663$ ($duv=3.09e-03$) $Dx,Dy:-0.0008,0.0051$

CCT= 6690K Prpc WL: $L_d=487.6nm$ Purity=8.5%

Peak WL: $L_p=453nm$ FWHM: $=22.9nm$ Ratio:R=14.9% G=78.3% B=6.8%

Render Index: $R_a = 93.6$

R1 =94 R2 =97 R3 =96 R4 =92 R5 =92 R6 =92 R7 =95

R8 =90 R9 =77 R10=91 R11=92 R12=65 R13=96 R14=98 R15=93

LEVEL:OUT WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 931.64 lm Eff. : 92.61 lm/W $F_e = 3.3401 W$

(EQE):353.06%

Flux of emitted photons($\mu mol/s$):15.269 Fluo. and blue light ratio:2.739 Fluorescent eff.:243.3

A: $9.5296e-001mW$

B: $3.3401e+003mW$

Electrical parameters

V = 24.00 V I = 0.4192 A P = 10.06 W PF = 1.000

Freq=0.00 Hz