

Finished Product Test Report

Sample : 2700K
 Specification : UTFS-PSCOB420-2408WW-2700K
 Sample No. : 10W-1
 Manufacturer :

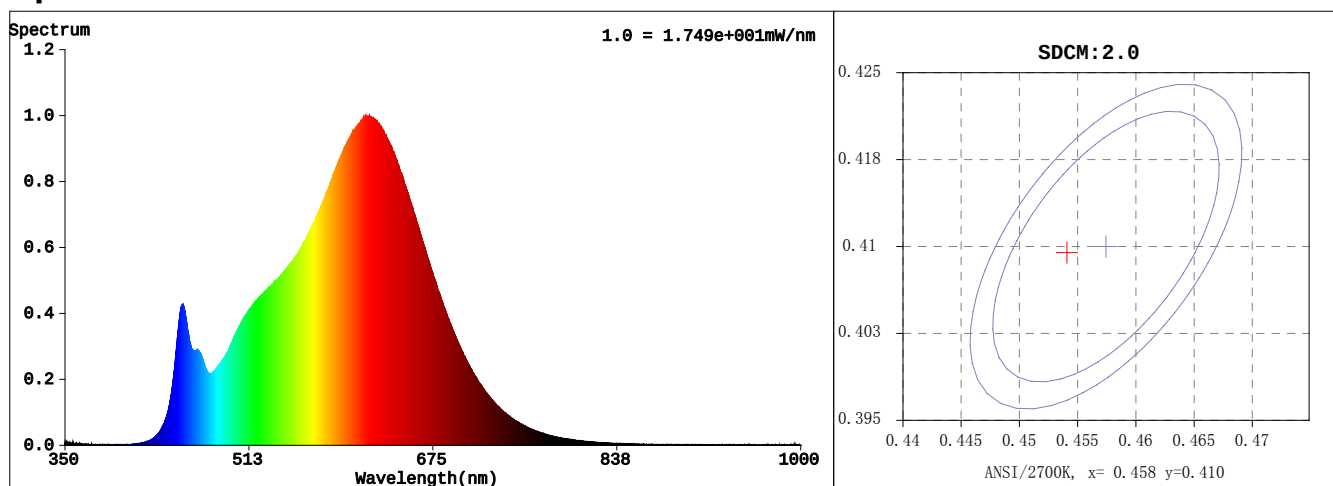
Date : 2020-06-27 10:20:56
 Sam Status :
 Instrument : HAAS-2000(EVERFINE)
 Test by : TJK
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 52531 (80%)
 T : 742 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4544$ $y = 0.4096$ / $u' = 0.2595$ $v' = 0.5261$ ($duv=1.02e-04$) $Dx, Dy: 0.0002, 0.0003$

CCT= 2769K Prcp WL: $L_d=583.8nm$ Purity=59.3%

Peak WL: $L_p=619nm$ FWHM: $=139.7nm$ Ratio: $R=25.9\%$ $G=71.4\%$ $B=2.8\%$

Render Index: $R_a = 91.7$

$R_1 = 92$ $R_2 = 98$ $R_3 = 97$ $R_4 = 91$ $R_5 = 93$ $R_6 = 97$ $R_7 = 89$

$R_8 = 77$ $R_9 = 51$ $R_{10} = 95$ $R_{11} = 93$ $R_{12} = 84$ $R_{13} = 94$ $R_{14} = 99$ $R_{15} = 87$

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 809.65 lm Eff. : 80.83 lm/W $F_e = 2.7951 W$

(EQE):322.15%

Flux of emitted photons($\mu mol/s$):13.824 Fluo. and blue light ratio:12.66 Fluorescent eff.:258.7

A: $4.7059e-001mW$

B: $2.7951e+003mW$

Electrical parameters

$V = 24.00 V$ $I = 0.4174 A$ $P = 10.02 W$ PF = 1.000

Freq=0.00 Hz