

Finished Product Test Report

Sample :
Specification : UTFS-HECOB480-2408WW-3000K
Sample No. : 2
Manufacturer :

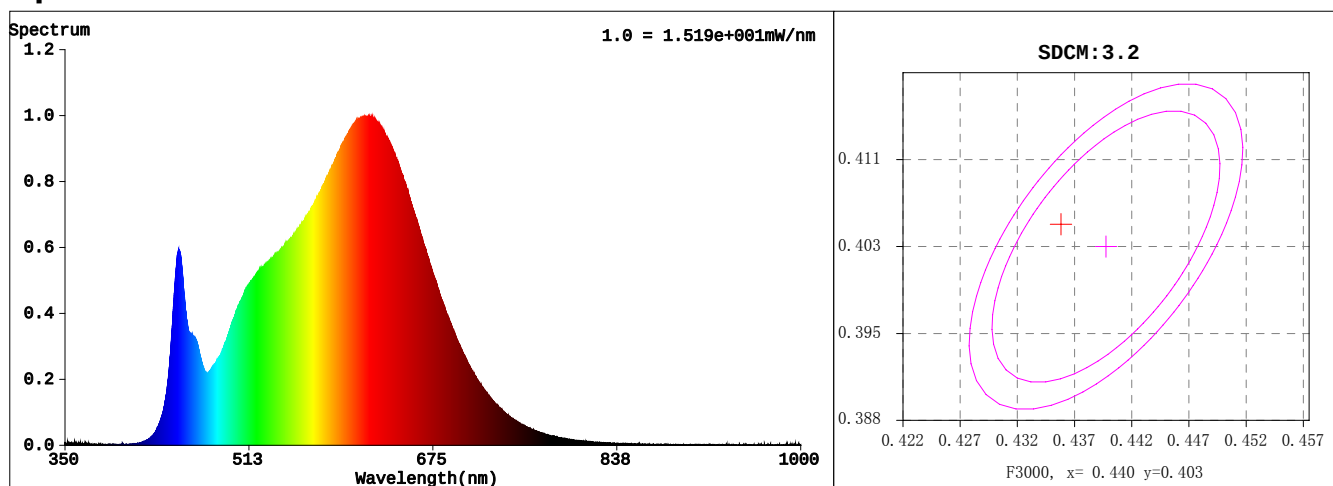
Date : 2020-09-22 10:14:56
Sam. Status : 3000K
Instrument : HAAS-2000(EVERFINE)
Test by : CHM
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 49491 (76%)
T : 767 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4361$ $y = 0.4050$ / $u' = 0.2496$ $v' = 0.5216$ ($duv=4.70e-04$) $Dx, Dy: 0.0007, 0.0014$

CCT= 3022K Prpc WL: $L_d=582.6nm$ Purity=52.4%

Peak WL: $L_p=619nm$ FWHM: $=162.5nm$ Ratio: $R=24.1\%$ $G=73.0\%$ $B=2.9\%$

Render Index: $R_a = 92.5$

$R1 = 93$ $R2 = 97$ $R3 = 99$ $R4 = 93$ $R5 = 93$ $R6 = 96$ $R7 = 91$

$R8 = 80$ $R9 = 54$ $R10 = 92$ $R11 = 95$ $R12 = 81$ $R13 = 94$ $R14 = 99$ $R15 = 88$

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 761.35 lm Eff. : 91.43 lm/W $F_e = 2.5918 W$

(EQE):356.14%

Flux of emitted photons($\mu mol/s$):12.709 Fluo. and blue light ratio:10.92 Fluorescent eff.:285.2

A: $5.0402e-001mW$

B: $2.5918e+003mW$

Electrical parameters

$V = 24.00 V$ $I = 0.3470 A$ $P = 8.327 W$ PF = 1.000

Freq=0.00 Hz