

Finished Product Test Report

Sample :
Specification : UTFS-HECOB480-2410WW-2700K
Sample No. : 1
Manufacturer :

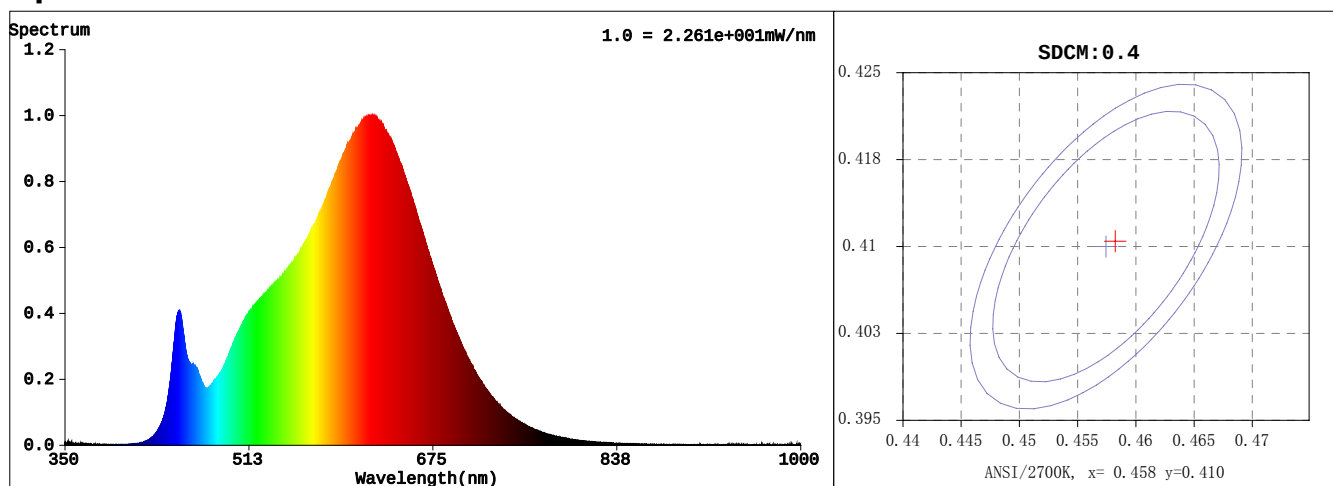
Date : 2020-07-22 10:23:52
Sam. Status : 2700K
Instrument : HAAS-2000(EVERFINE)
Test by : LHY
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 45787 (70%)
T : 502 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4586$ $y = 0.4106$ / $u' = 0.2617$ $v' = 0.5271$ ($duv=9.35e-05$) $Dx, Dy: 0.0002, 0.0003$

CCT= 2718K Prpc WL: $L_d=584.1nm$ Purity=60.9%

Peak WL: $L_p=620nm$ FWHM: $=141.8nm$ Ratio: $R=26.3\%$ $G=71.2\%$ $B=2.5\%$

Render Index: $R_a = 92.3$

$R_1 = 92$ $R_2 = 97$ $R_3 = 99$ $R_4 = 93$ $R_5 = 93$ $R_6 = 97$ $R_7 = 90$

$R_8 = 78$ $R_9 = 53$ $R_{10} = 93$ $R_{11} = 95$ $R_{12} = 85$ $R_{13} = 94$ $R_{14} = 100$ $R_{15} = 87$

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 1035.3 lm Eff. : 87.79 lm/W $F_e = 3.6181 W$

(EQE):355.58%

Flux of emitted photons($\mu mol/s$):17.952 Fluo. and blue light ratio:14.31 Fluorescent eff.:286.8

A: $6.8337e-001mW$

B: $3.6181e+003mW$

Electrical parameters

V = 24.00 V I = 0.4914 A P = 11.79 W PF = 1.000

Freq=0.00 Hz