

Spectrum Test Report

Sample :
Specification : UTFS-COB560-2412RGBW-White
Sample No. : 5
Manufacturer :

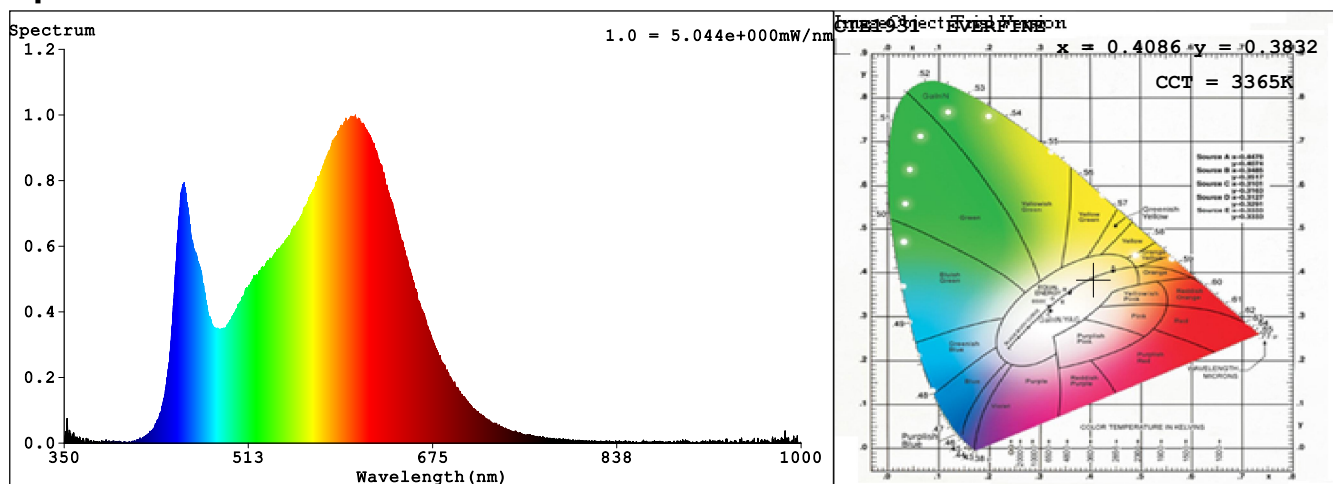
Date : 2021-04-30 18:13:00
Sam Status : WW
Instrument : HAAS-2000(EVERFINE)
Test by : LHY
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 7903 (12%)
T : 397 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4086$ $y = 0.3832$ / $u' = 0.2410$ $v' = 0.5086$ ($duv = -4.03e-03$)

CCT= 3365K Prcp WL: $L_d = 583.2nm$ Purity=37.6%

Peak WL: $L_p = 607nm$ FWHM: $= 140.0nm$ Ratio: R=22.0% G=74.1% B=3.9%

Render Index: $R_a = 87.1$

R1 =89 R2 =98 R3 =93 R4 =85 R5 =89 R6 =94 R7 =83
R8 =67 R9 =29 R10=94 R11=85 R12=75 R13=92 R14=97 R15=83

Photometric & Radiometric Parameters

Flux = 256.10 lm Eff. : 70.44 lm/W $F_e = 813.94 mW$

Flux of emitted photons($\mu mol/s$): 3.8759 Fluo. and blue light ratio: 5.191 Fluorescent eff.: 187.8

A: $2.7343e-001mW$

B: $8.1394e+002mW$

Electrical parameters

V = 24.00 V I = 0.1515 A P = 3.636 W PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>