

Spectrum Test Report

Sample :
Specification : UTFS-COB560-2412RGBW
Sample No. : 1
Manufacturer :

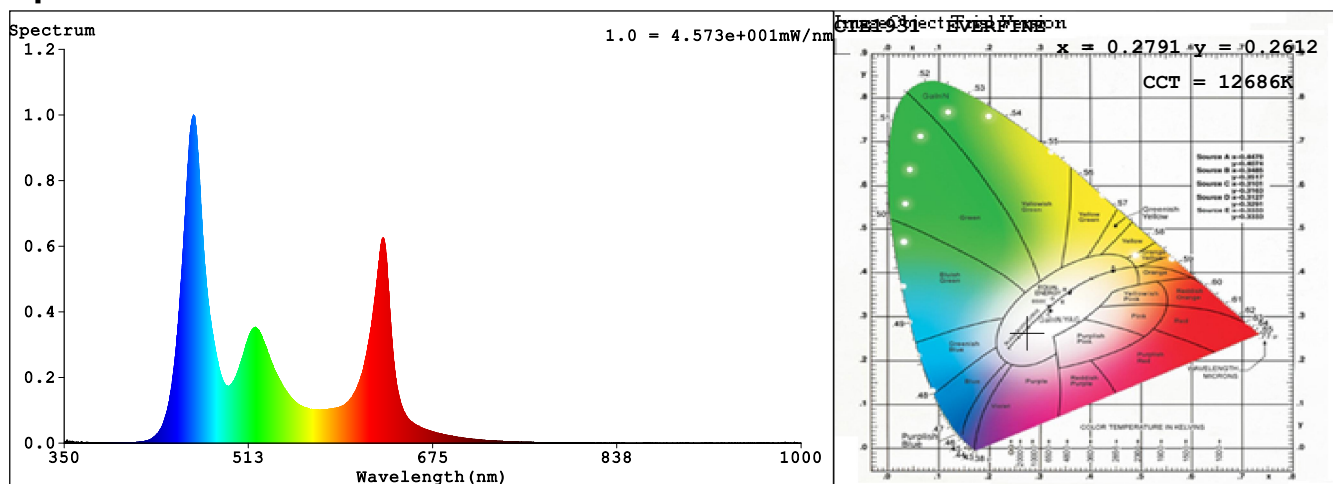
Date : 2021-04-30 18:11:20
Sam Status : RGBW
Instrument : HAAS-2000(EVERFINE)
Test by : LHY
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 51340 (78%)
T : 397 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2791$ $y = 0.2612$ / $u' = 0.2002$ $v' = 0.4216$ ($duv = -1.40e-02$)

CCT= 12686K Prcp WL: $L_d = 469.6nm$ Purity=26.0%

Peak WL: $L_p = 464nm$ FWHM: =21.6nm Ratio:R=22.8% G=65.5% B=11.7%

Render Index: $R_a = 49.4$

R1 =31 R2 =55 R3 =81 R4 =48 R5 =46 R6 =52 R7 =66

R8 =17 R9 =0 R10=2 R11=40 R12=48 R13=33 R14=86 R15=17

Photometric & Radiometric Parameters

Flux = 667.40 lm Eff. : 42.97 lm/W $F_e = 2.8985 W$

Flux of emitted photons($\mu mol/s$):12.891 Fluo. and blue light ratio:0.4819 Fluorescent eff.:60.70

A: 8.1906e-001mW

B: 2.8985e+003mW

Electrical parameters

V = 24.00 V I = 0.6472 A P = 15.53 W PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>