

Spectrum Test Report

Sample :
Specification : 840灯-RGB-1-R
Sample No. : 1
Manufacturer :

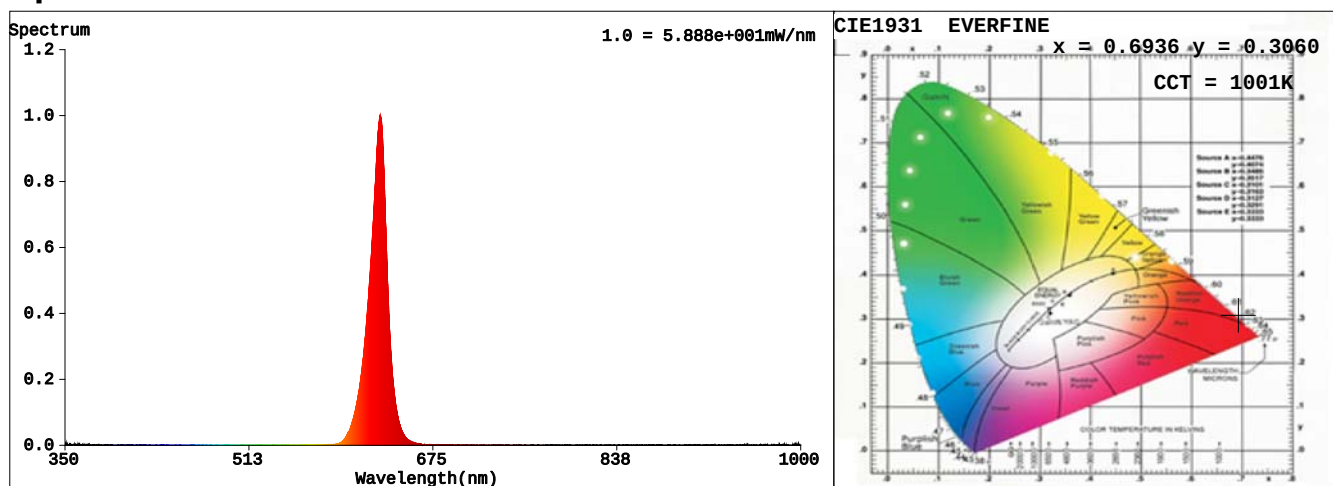
Date : 2020-12-24 14:30:31
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : CHM
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 53139 (81%)
T : 237 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6936$ $y = 0.3060$ / $u' = 0.5249$ $v' = 0.5211$ ($duv = -7.73e-02$)

CCT= 1001K Prcp WL: $L_d = 621.2nm$ Purity=99.9%

Peak WL: $L_p = 628nm$ FWHM: =15.9nm Ratio:R=98.1% G=1.9% B=0.0%

Render Index: $R_a = 24.3$

R1 =2 R2 =78 R3 =24 R4 =0 R5 =0 R6 =90 R7 =0
R8 =0 R9 =0 R10=71 R11=0 R12=79 R13=27 R14=56 R15=0

Photometric & Radiometric Parameters

Flux = 242.16 lm Eff. : 30.48 lm/W $F_e = 1.1249 W$

(EQE):171.28%

Flux of emitted photons($\mu mol/s$):5.8571 Fluo. and blue light ratio:2315 Fluorescent eff.:141.5

A: 2.1219e-001mW

B: 1.1249e+003mW

Electrical parameters

V = 24.00 V I = 0.3311 A P = 7.946 W PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>