

## Spectrum Test Report

Sample :  
Specification : 840灯-RGB-2-B  
Sample No. : 3  
Manufacturer :

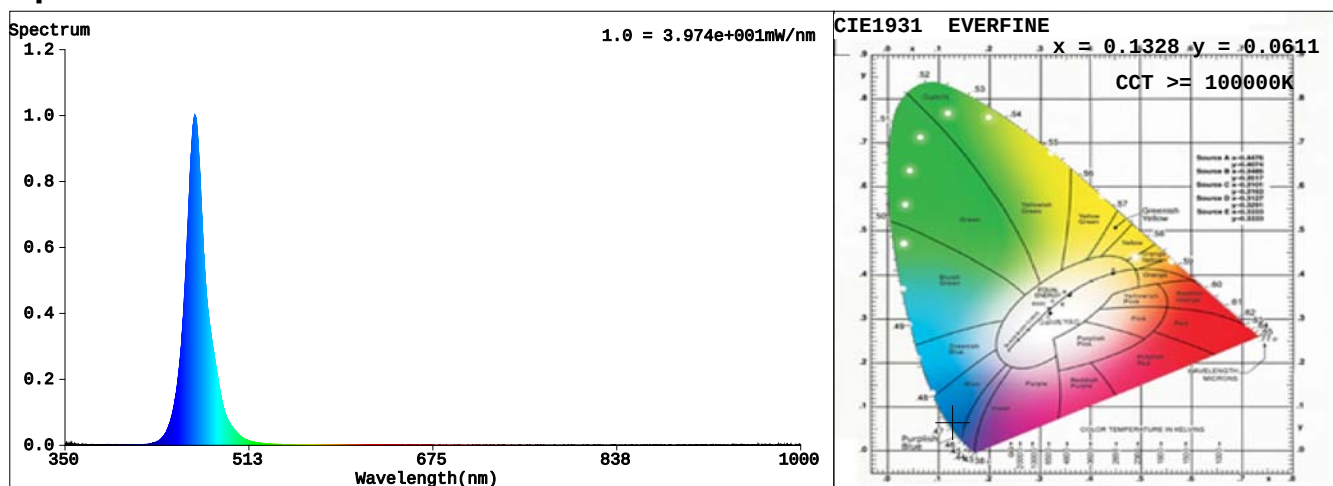
Date : 2020-12-24 14:40:16  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : CHM  
Assessor : damin

### Test Condition

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

RH : 65.0%  
IP : 52364 (80%)  
T : 464 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.1328$   $y = 0.0611$  /  $u' = 0.1533$   $v' = 0.1586$  ( $duv = -1.63e-01$ )

CCT >= 100000K Prcp WL:  $L_d = 468.9\text{nm}$  Purity = 97.1%

Peak WL:  $L_p = 465\text{nm}$  FWHM: = 17.8nm Ratio: R=0.4% G=13.5% B=86.1%

Render Index:  $R_a = 0.3$

R1 = 0 R2 = 0 R3 = 0 R4 = 0 R5 = 3 R6 = 0 R7 = 0  
R8 = 0 R9 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0 R14 = 0 R15 = 0

### Photometric & Radiometric Parameters

Flux = 62.907 lm Eff. : 22.52 lm/W  $F_e = 923.62\text{ mW}$

(EQE): 299.43%

Flux of emitted photons ( $\mu\text{mol/s}$ ): 3.5972 Fluo. and blue light ratio: 0.1731 Fluorescent eff.: 48.85

A:  $4.0244e-001\text{mW}$

B:  $9.2362e+002\text{mW}$

### Electrical parameters

V = 24.00 V I = 0.1164 A P = 2.793 W PF = 1.000

Freq = 0.00 Hz

**EVERFINE CORPORATION**

<http://www.everfine.cn>