

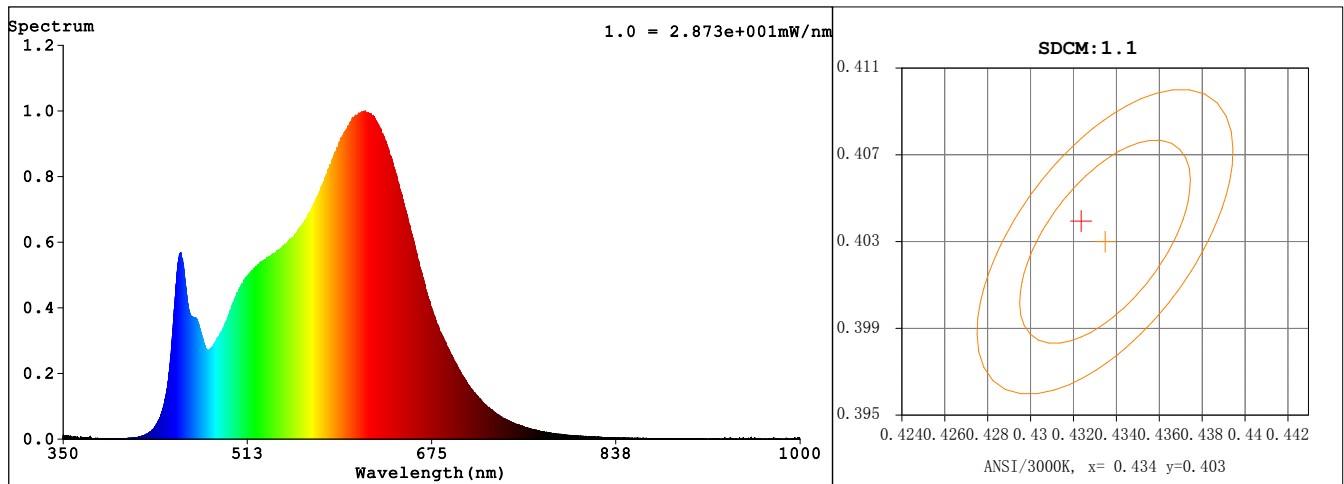
## Spectrum Test Report

|               |   |                               |             |   |                     |
|---------------|---|-------------------------------|-------------|---|---------------------|
| Sample        | : |                               | Date        | : | 2022-01-08 16:23:51 |
| Specification | : | WW-FLS102T89WW504B-24(WCP)-UR | Sam. Status | : |                     |
| Sample No.    | : | 3000K                         | Instrument  | : | HAAS-2000(EVERFINE) |
| Manufacturer  | : | EVERFINE                      | Test by     | : | DAMIN               |
|               |   |                               | Assessor    | : | damin               |

### Test Condition

|             |   |              |             |   |             |
|-------------|---|--------------|-------------|---|-------------|
| Temperature | : | 25.3Deg      | RH          | : | 65.0%       |
| WL Range    | : | 350nm-1000nm | IP          | : | 41512 (63%) |
| Test Mode   | : | Fast Test    | T           | : | 220 ms      |
|             |   |              | Sensitivity | : | High        |

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4328$   $y = 0.4043$  /  $u' = 0.2478$   $v' = 0.5208$  ( $duv=6.64e-04$ )  
CCT= 3073K Prcp WL:  $L_d=582.3nm$  Purity=51.3%  
Peak WL:  $L_p=617nm$  FWHM:  $=153.5nm$  Ratio:R=24.0% G=72.7% B=3.3%  
Render Index:  $R_a = 92.2$  AvgR = 89.5 TM30:Rf=90 Rg=97  
R1 =94 R2 =99 R3 =96 R4 =93 R5 =94 R6 =97 R7 =89  
R8 =77 R9 =50 R10=96 R11=96 R12=81 R13=95 R14=99 R15=87

### Photometric & Radiometric Parameters

Flux = 1417.7 lm Eff. : 87.27 lm/W  $Fe = 4.6226 W$   
(EQE):322.15%

### Electrical parameters

V = 24.00 V I = 0.6769 A P = 16.24 W PF = 1.000  
Freq=0.00 Hz

**GBT5702**