

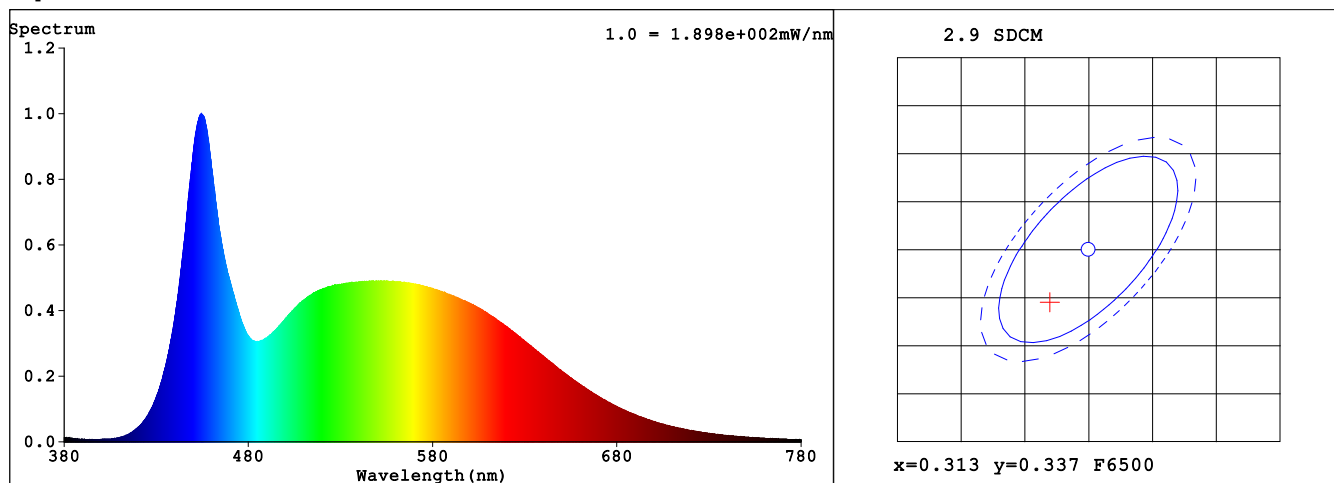
## Spectrum Test Report

|               |   |       |            |   |                     |
|---------------|---|-------|------------|---|---------------------|
| Sample        | : |       | Date       | : | 2024-07-06          |
| Specification | : |       | Standard   | : | tus                 |
| Sample No.    | : | 50W-1 | Instrument | : | HaasSuite(EVERFINE) |
| Manufacturer  | : |       | Test by    | : |                     |
| Assessor      | : | damin |            |   |                     |
| Remark        | : |       |            |   |                     |

### Test Condition

|             |   |             |    |   |             |
|-------------|---|-------------|----|---|-------------|
| Temperature | : | 25.3Deg     | RH | : | 65.0%       |
| WL Range    | : | 380nm-780nm | IP | : | 45617 (70%) |
| Test Mode   | : | Fast Test   | T  | : | 32 ms       |
| Sensitivity | : | High        |    |   |             |

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3100$   $y = 0.3315$  /  $u' = 0.1950$   $v' = 0.4693$  ( $duv=5.85e-03$ )

CCT= 6632K Prcp WL:  $L_d=490.7nm$  Purity=8.0%

Peak WL:  $L_p=455nm$  FWHM:  $=26.6nm$  Ratio:R=13.5% G=80.2% B=6.3%

Render Index:  $R_a = 85.9$

R1 =84 R2 =91 R3 =94 R4 =83 R5 =84 R6 =87 R7 =90

R8 =74 R9 =22 R10=78 R11=83 R12=61 R13=87 R14=97 R15=80

### Photometric & Radiometric Parameters

Flux = 6133.0 lm Eff. : 127.11 lm/W  $F_e = 20.321 W$  Scotopic:14345 S/P:2.339

### Electrical parameters

V = 229.7 V I = 0.2147 A P = 48.25 W PF = 0.9783 F=49.99 Hz



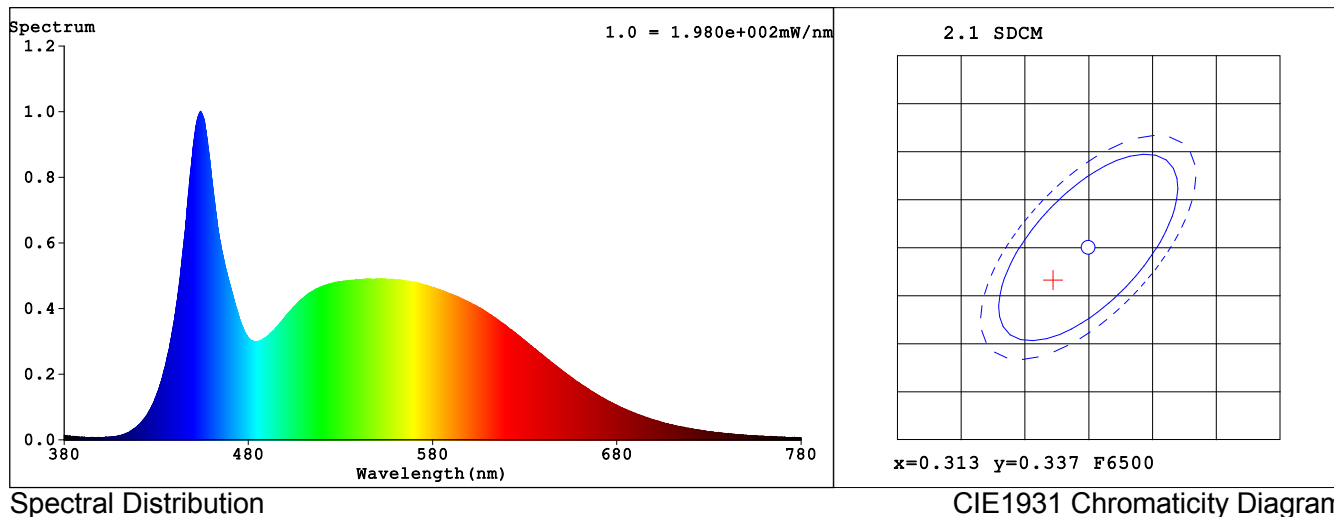
## Spectrum Test Report

|               |         |            |                       |
|---------------|---------|------------|-----------------------|
| Sample        | :       | Date       | : 2024-07-06          |
| Specification | :       | Standard   | tus :                 |
| Sample No.    | : 50W-2 | Instrument | : HaasSuite(EVERFINE) |
| Manufacturer  | :       | Test by    | :                     |
| Assessor      | : damin |            |                       |
| Remark        | :       |            |                       |

### Test Condition

|             |               |    |               |
|-------------|---------------|----|---------------|
| Temperature | : 25.3Deg     | RH | : 65.0%       |
| WL Range    | : 380nm-780nm | IP | : 47389 (72%) |
| Test Mode   | : Fast Test   | T  | : 32 ms       |
| Sensitivity | : High        |    |               |

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3102$   $y = 0.3336$  /  $u' = 0.1944$   $v' = 0.4704$  ( $duv=6.78e-03$ )

CCT= 6601K Prcp WL:  $L_d=491.9nm$  Purity=7.8%

Peak WL:  $L_p=454nm$  FWHM:  $=25.7nm$  Ratio: R=13.4% G=80.5% B=6.2%

Render Index:  $R_a = 85.3$

R1 =83 R2 =90 R3 =94 R4 =83 R5 =83 R6 =86 R7 =90

R8 =73 R9 =18 R10=77 R11=82 R12=60 R13=85 R14=97 R15=78

### Photometric & Radiometric Parameters

Flux = 6377.1 lm Eff. : 132.51 lm/W Fe = 20.989 W Scotopic:14848 S/P:2.3283

### Electrical parameters

V = 229.7 V I = 0.2141 A P = 48.13 W PF = 0.9785 F=49.99 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>

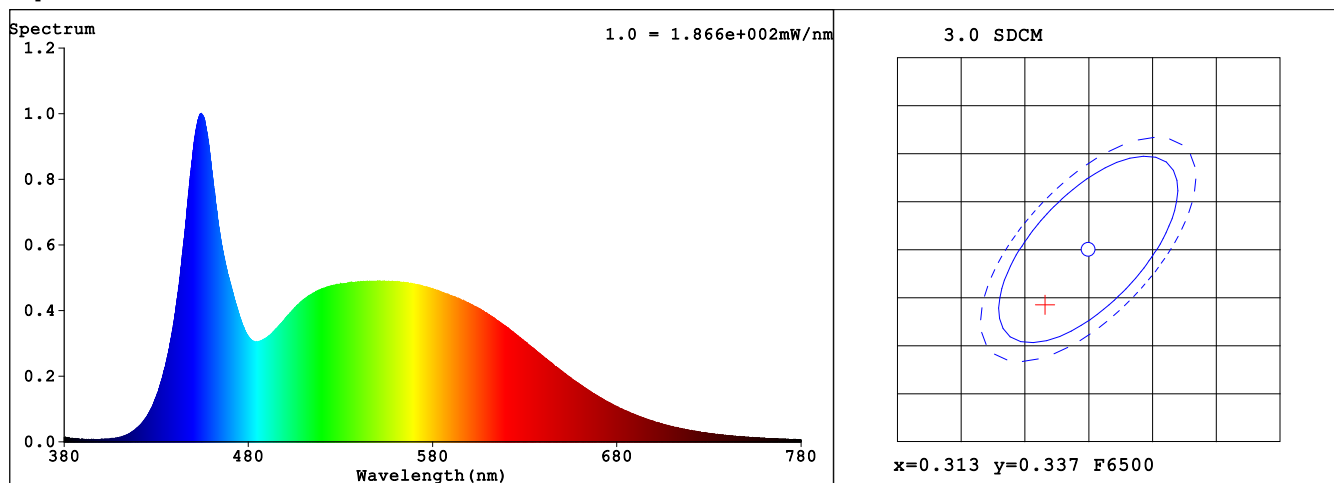
## Spectrum Test Report

|               |   |       |            |   |                     |
|---------------|---|-------|------------|---|---------------------|
| Sample        | : |       | Date       | : | 2024-07-06          |
| Specification | : |       | Standard   | : | tus                 |
| Sample No.    | : | 50W-3 | Instrument | : | HaasSuite(EVERFINE) |
| Manufacturer  | : |       | Test by    | : |                     |
| Assessor      | : | damin |            |   |                     |
| Remark        | : |       |            |   |                     |

### Test Condition

|             |   |             |    |   |             |
|-------------|---|-------------|----|---|-------------|
| Temperature | : | 25.3Deg     | RH | : | 65.0%       |
| WL Range    | : | 380nm-780nm | IP | : | 44845 (68%) |
| Test Mode   | : | Fast Test   | T  | : | 32 ms       |
| Sensitivity | : | High        |    |   |             |

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3096$   $y = 0.3313$  /  $u' = 0.1948$   $v' = 0.4691$  ( $duv=5.92e-03$ )

CCT= 6656K Prcp WL:  $L_d=490.6nm$  Purity=8.2%

Peak WL:  $L_p=455nm$  FWHM:  $=26.5nm$  Ratio:R=13.5% G=80.3% B=6.3%

Render Index:  $R_a = 85.9$

R1 =84 R2 =91 R3 =94 R4 =83 R5 =84 R6 =87 R7 =90

R8 =74 R9 =22 R10=78 R11=83 R12=61 R13=86 R14=97 R15=80

### Photometric & Radiometric Parameters

Flux = 6026.9 lm Eff. : 122.41 lm/W  $F_e = 19.975 W$  Scotopic:14113 S/P:2.3416

### Electrical parameters

V = 229.7 V I = 0.2191 A P = 49.24 W PF = 0.9785 F=49.99 Hz