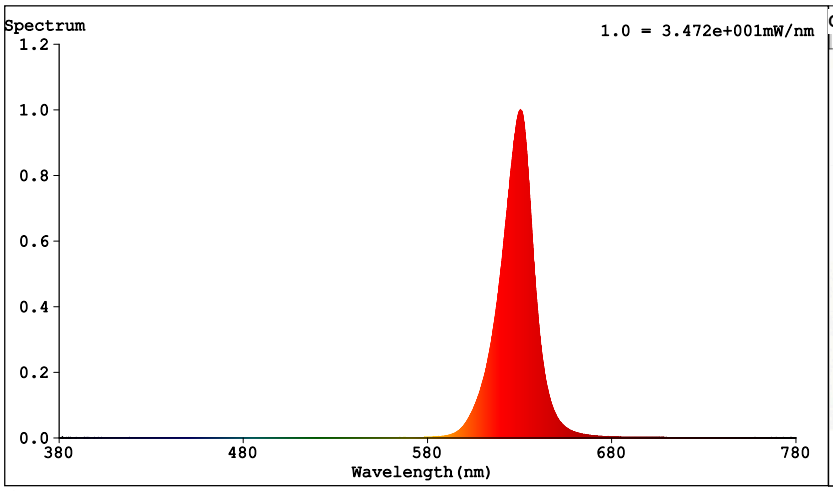
# Spectrum Test Report

| | | | |
|---|---|---|---|
| Sample | : | Date | : 2025-07-07 16:16:14 |
| Specification | : 784-24v-12mm R | Sam. Status | : |
| Sample No. | : 2927 | Instrument | : HaasSuite(EVERFINE) |
| Manufacturer | : EVERFINE | Test by | : DAMIN |
| | | Assessor | : damin |

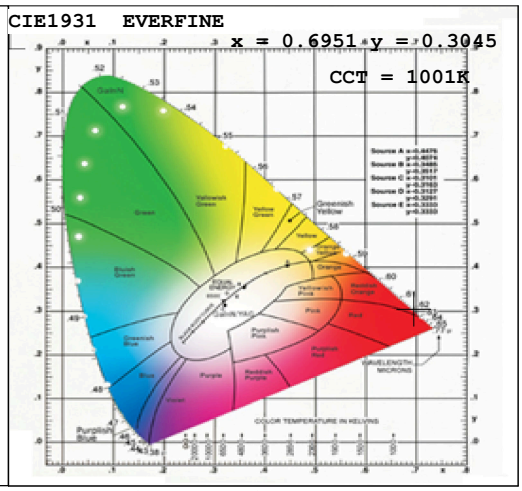
## Test Condition

| | | | |
|---|---|---|---|
| Temprature | : 25.3Deg | RH | : 65.0% |
| WL Range | : 380nm-780nm | IP | : 50698 (77%) |
| Test Mode | : Fast Test | T | : 62 ms |
| | | Sensitivity | : High |

## Spectrum




Spectral Distribution




CIE1931 Chromaticity Diagram

## Colorimetric Parameters

Chromaticity Coordinate: x = 0.6951 y = 0.3045 / u' = 0.5282 v' = 0.5206 (duv=-8.07e-02)

CCT= 1001K Prcp WL: Ld=622.0nm Purity=99.9%

Peak WL: Lp=630nm FWHM: =18.6nm Ratio:R=97.7% G=2.3% B=0.0%

Render Index: Ra = 10.2

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =3 | R2 =78 | R3 =27 | R4 =-32 | R5 =-3 | R6 =89 | R7 =0 | |
| R8 =-79 | R9 =-240 | R10=71 | R11=-19 | R12=79 | R13=28 | R14=57 | R15=-41 |

## Photometric & Radiometric Parameters

Flux = 154.69 lm Eff. : 23.31 lm/W Fe = 766.50 mW

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## Electrical parameters

V = 24.00 V I = 0.2765 A P = 6.636 W PF = 1.000 F=0.00 Hz

**EVERFINE CORPORATION**

http://www.everfine.cn

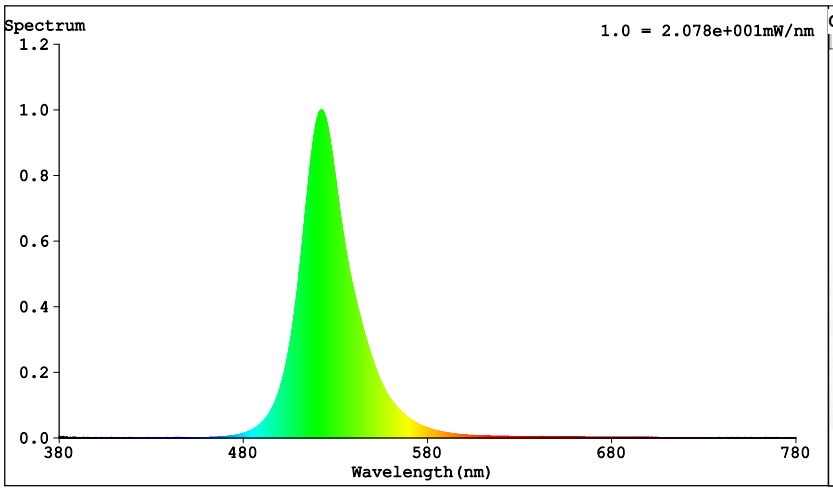
# Spectrum Test Report

| | | | |
|---|---|---|---|
| Sample | : | Date | : 2025-07-07 16:16:47 |
| Specification | : 784-24v-12mm G | Sam. Status | : |
| Sample No. | : 2928 | Instrument | : HaasSuite(EVERFINE) |
| Manufacturer | : EVERFINE | Test by | : DAMIN |
| | | Assessor | : damin |

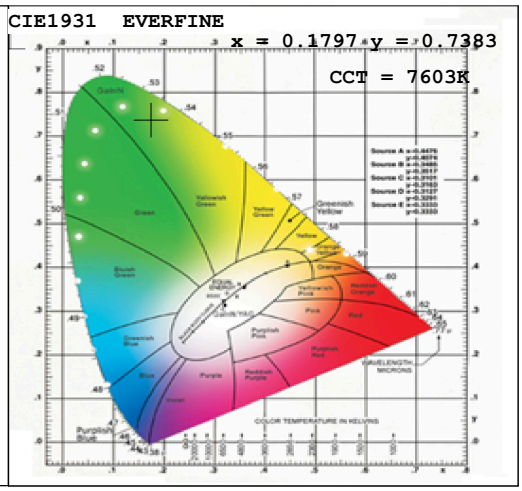
## Test Condition

| | | | |
|---|---|---|---|
| Temprature | : 25.3Deg | RH | : 65.0% |
| WL Range | : 380nm-780nm | IP | : 52249 (80%) |
| Test Mode | : Fast Test | T | : 101 ms |
| | | Sensitivity | : High |

## Spectrum




Spectral Distribution




CIE1931 Chromaticity Diagram

## Colorimetric Parameters

Chromaticity Coordinate: x = 0.1797 y = 0.7383 / u' = 0.0625 v' = 0.5778 (duv=1.56e-01)

CCT= 7603K Prcp WL: Ld=529.9nm Purity=85.6%

Peak WL: Lp=522nm FWHM: =27.8nm Ratio:R=0.4% G=98.5% B=1.1%

Render Index: Ra = -27.9

| | | | | | | |
|---|---|---|---|---|---|---|
| R1 =-36 | R2 =-13 | R3 =-30 | R4 =-67 | R5 =-10 | R6 =-20 | R7 =-12 |
| R8 =-35 | R9 =-355 | R10=-116 | R11=-98 | R12=-39 | R13=-42 | R14=35 R15=-34 |

## Photometric & Radiometric Parameters

Flux = 365.76 lm Eff. : 120.29 lm/W Fe = 715.04 mW

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## Electrical parameters

V = 24.00 V I = 0.1267 A P = 3.041 W PF = 1.000 F=0.00 Hz

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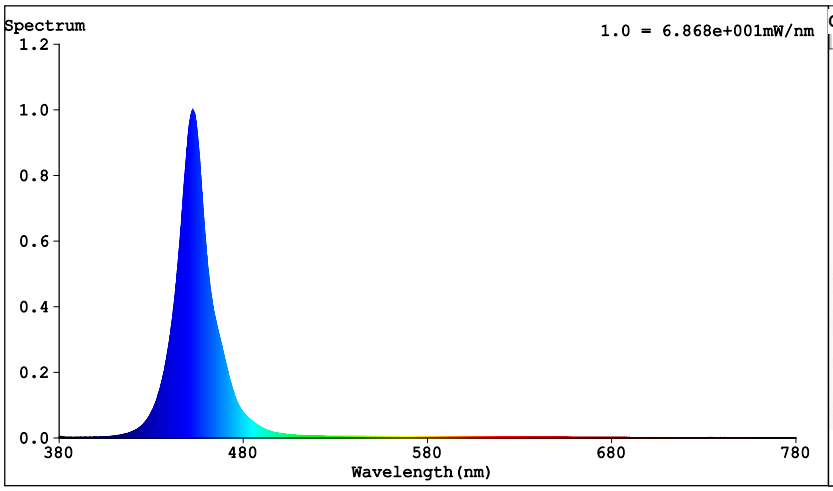
# Spectrum Test Report

| | | | |
|---|---|---|---|
| Sample | : | Date | : 2025-07-07 16:17:09 |
| Specification | : 784-24v-12mm B | Sam. Status | : |
| Sample No. | : 2929 | Instrument | : HaasSuite(EVERFINE) |
| Manufacturer | : EVERFINE | Test by | : DAMIN |
| | | Assessor | : damin |

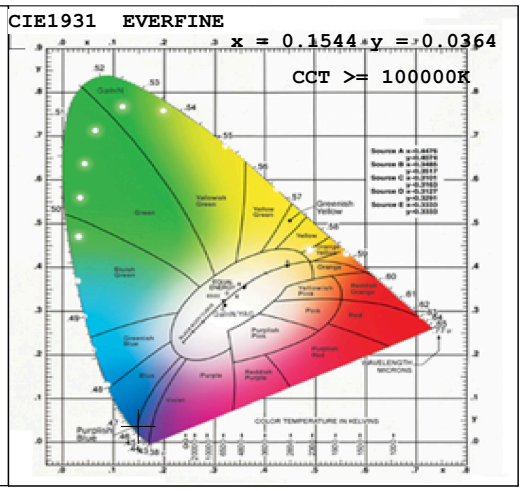
## Test Condition

| | | | |
|---|---|---|---|
| Temprature | : 25.3Deg | RH | : 65.0% |
| WL Range | : 380nm-780nm | IP | : 47092 (72%) |
| Test Mode | : Fast Test | T | : 50 ms |
| | | Sensitivity | : High |

## Spectrum




Spectral Distribution




CIE1931 Chromaticity Diagram

## Colorimetric Parameters

Chromaticity Coordinate: x = 0.1544 y = 0.0364 / u' = 0.1975 v' = 0.1047 (duv=-1.97e-01)

CCT>=100000K Prcp WL: Ld=457.3nm Purity=96.5%

Peak WL: Lp=453nm FWHM: =17.2nm Ratio:R=3.6% G=23.5% B=72.9%

Render Index: Ra = -43.6

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =34 | R2 =-33 | R3 =-164 | R4 =-93 | R5 =39 | R6 =-33 | R7 =-57 | |
| R8 =-40 | R9 =-132 | R10=-231 | R11=-112 | R12=-87 | R13=13 | R14=-36 | R15=40 |

## Photometric & Radiometric Parameters

Flux = 76.170 lm Eff. : 18.01 lm/W Fe = 1.6036 W

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## Electrical parameters

V = 24.00 V I = 0.1762 A P = 4.229 W PF = 1.000 F=0.00 Hz

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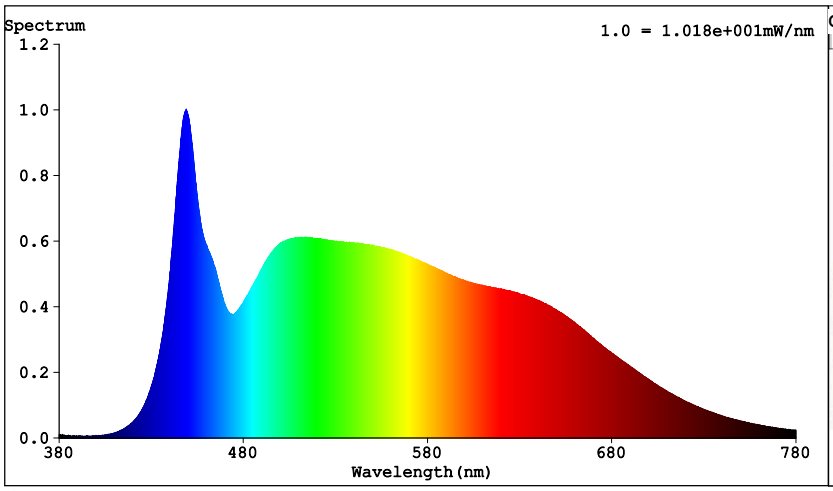
# Spectrum Test Report

| | | | |
|---|---|---|---|
| Sample | : | Date | : 2025-07-07 16:17:34 |
| Specification | : 784-24v-12mm W-6000K | Sam. Status | : |
| Sample No. | : 2930 | Instrument | : HaasSuite(EVERFINE) |
| Manufacturer | : EVERFINE | Test by | : DAMIN |
| | | Assessor | : damin |

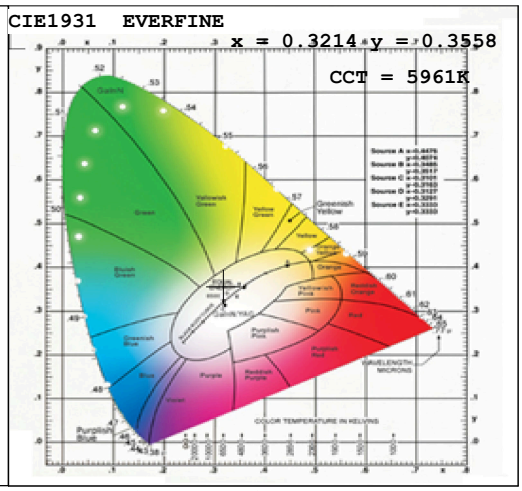
## Test Condition

| | | | |
|---|---|---|---|
| Temprature | : 25.3Deg | RH | : 65.0% |
| WL Range | : 380nm-780nm | IP | : 49866 (76%) |
| Test Mode | : Fast Test | T | : 310 ms |
| | | Sensitivity | : High |

## Spectrum




Spectral Distribution




CIE1931 Chromaticity Diagram

## Colorimetric Parameters

Chromaticity Coordinate: x = 0.3214 y = 0.3558 / u' = 0.1940 v' = 0.4832 (duv=1.23e-02)

CCT= 5961K Prcp WL: Ld=519.2nm Purity=4.5%

Peak WL: Lp=449nm FWHM: =25.3nm Ratio:R=14.4% G=79.3% B=6.3%

Render Index: Ra = 91.2

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =88 | R2 =92 | R3 =98 | R4 =90 | R5 =89 | R6 =91 | R7 =96 | |
| R8 =85 | R9 =56 | R10=85 | R11=90 | R12=73 | R13=89 | R14=99 | R15=85 |

## Photometric & Radiometric Parameters

Flux = 402.83 lm Eff. : 73.33 lm/W Fe = 1.4092 W

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## Electrical parameters

V = 24.00 V I = 0.2289 A P = 5.493 W PF = 1.000 F=0.00 Hz

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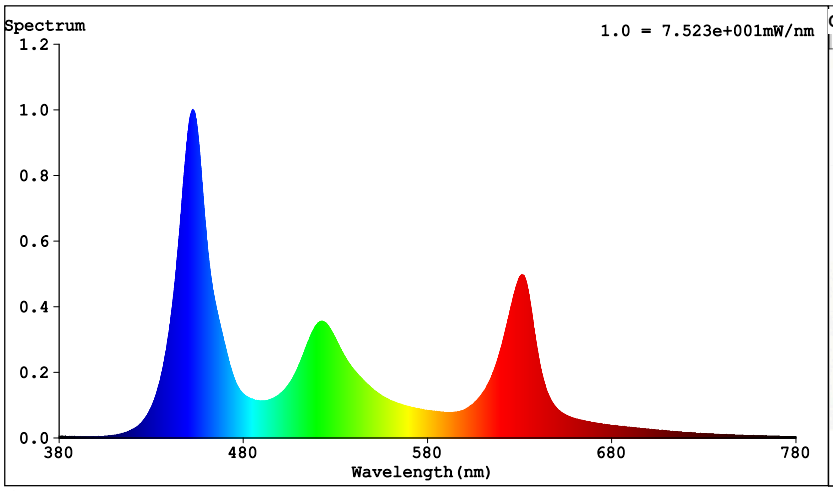
# Spectrum Test Report

| | | | |
|---|---|---|---|
| Sample | : | Date | : 2025-07-07 16:18:09 |
| Specification | : 784-24v-12mm RGBW-IP33 | Sam. Status | : |
| Sample No. | : 2931 | Instrument | : HaasSuite(EVERFINE) |
| Manufacturer | : EVERFINE | Test by | : DAMIN |
| | | Assessor | : damin |

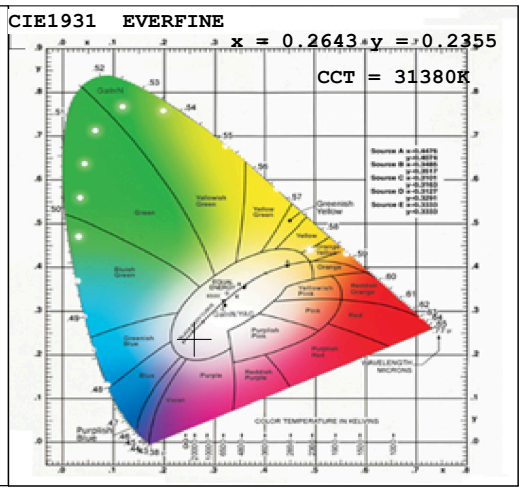
## Test Condition

| | | | |
|---|---|---|---|
| Temprature | : 25.3Deg | RH | : 65.0% |
| WL Range | : 380nm-780nm | IP | : 50682 (77%) |
| Test Mode | : Fast Test | T | : 49 ms |
| | | Sensitivity | : High |

## Spectrum




Spectral Distribution




CIE1931 Chromaticity Diagram

## Colorimetric Parameters

Chromaticity Coordinate: x = 0.2643 y = 0.2355 / u' = 0.1995 v' = 0.4001 (duv=-1.80e-02)

CCT= 31380K Prcp WL: Ld=467.2nm Purity=34.1%

Peak WL: Lp=453nm FWHM: =18.8nm Ratio:R=20.7% G=70.7% B=8.7%

Render Index: Ra = 58.3

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =43 | R2 =80 | R3 =64 | R4 =45 | R5 =60 | R6 =81 | R7 =73 | |
| R8 =19 | R9 =-152 | R10=68 | R11=31 | R12=64 | R13=52 | R14=76 | R15=25 |

## Photometric & Radiometric Parameters

Flux = 979.20 lm Eff. : 50.46 lm/W Fe = 4.4241 W

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## Electrical parameters

V = 24.00 V I = 0.8087 A P = 19.41 W PF = 1.000 F=0.00 Hz

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