

## Spectrum Test Report

Sample :  
Specification : EKF5RGBW410  
Sample No. : 1  
Manufacturer :

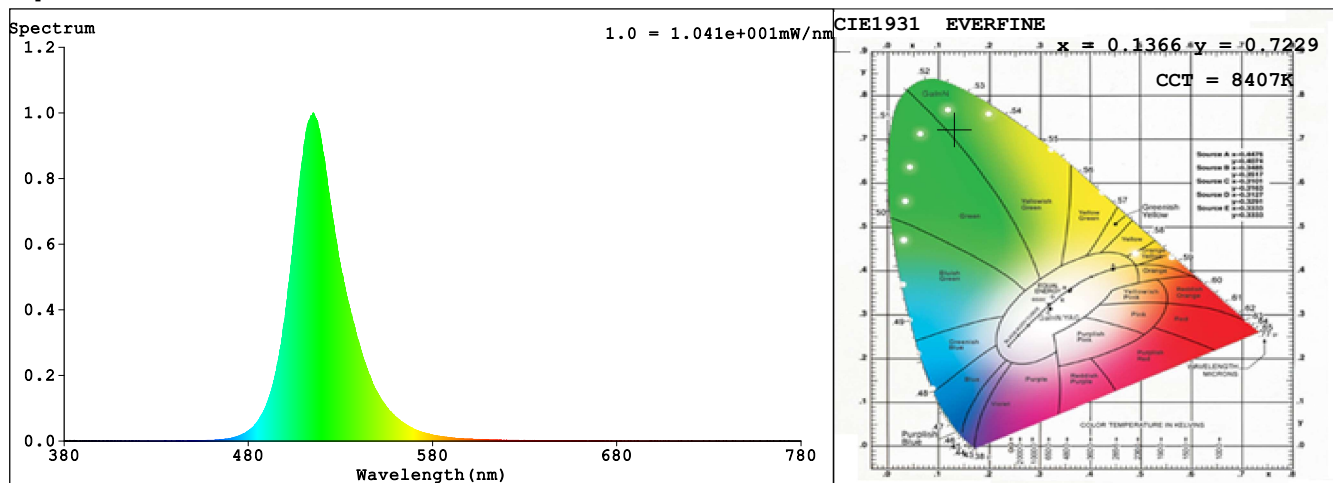
Date : 2023-03-07  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : QC  
Assessor : damin

### Test Condition

Temperature : 25.3Deg  
WL Range : 380nm-780nm  
Test Mode : Fast Test

RH : 55.0%  
IP : 52515 (80%)  
T : 479 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.1366$   $y = 0.7229$  /  $u' = 0.0479$   $v' = 0.5706$  ( $duv=1.67e-01$ )

CCT= 8407K Prcp WL:  $L_d=520.8nm$  Purity=77.8%

Peak WL:  $L_p=515nm$  FWHM:  $=28.9nm$  Ratio:R=0.2% G=96.8% B=3.0%

Render Index:  $R_a = 0.0$  TM30:  $R_f=1$   $R_g=6$

R1 =0 R2 =0 R3 =0 R4 =0 R5 =0 R6 =0 R7 =0

R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=34 R15=0

LEVEL:OUT

### Photometric & Radiometric Parameters

Flux = 160.79 lm Eff. : 63.91 lm/W  $F_e = 359.55 mW$

### Electrical parameters

V = 24.01 V I = 0.1048 A P = 2.516 W PF = 1.000

Freq=0.00 Hz

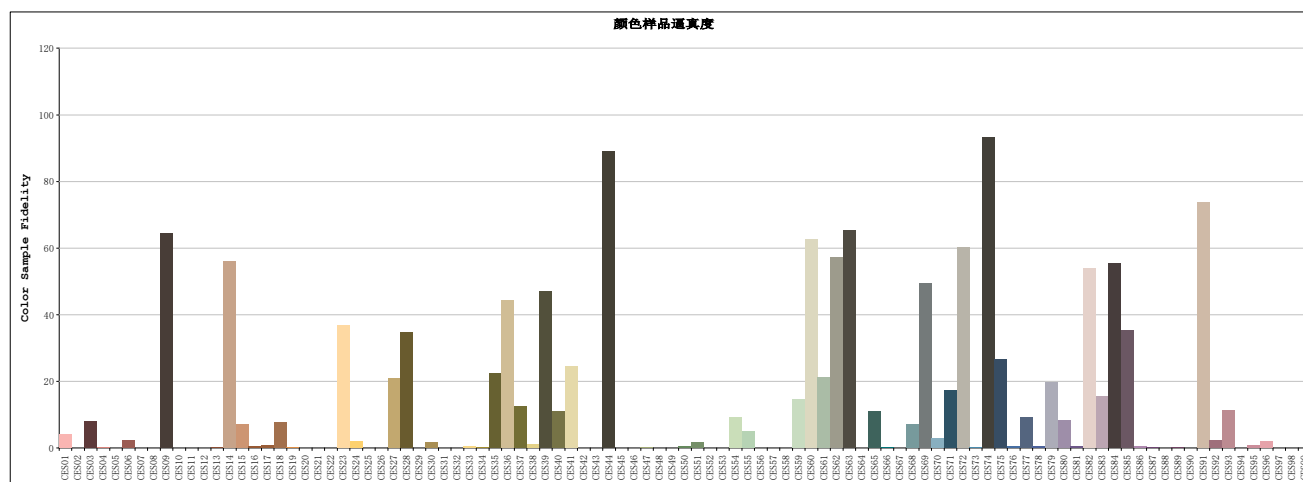
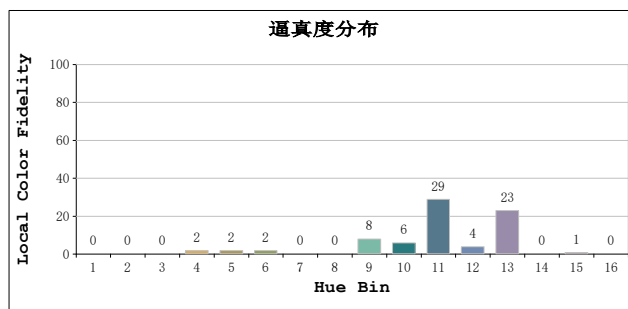
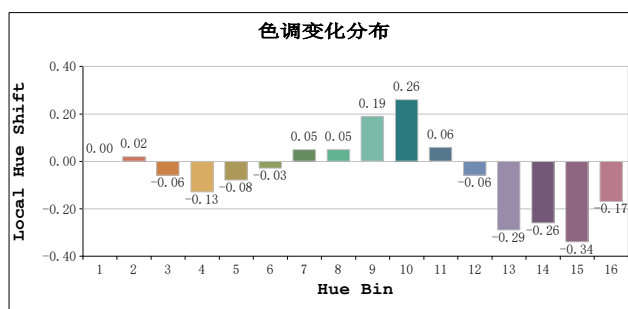
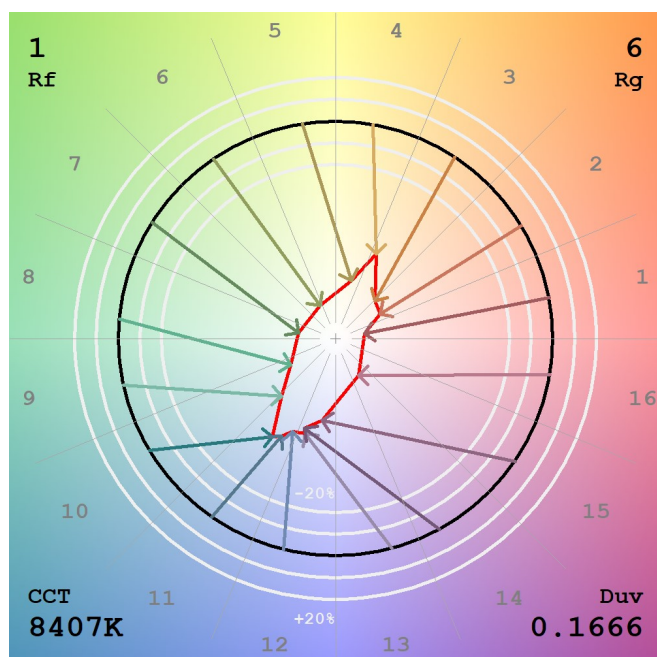
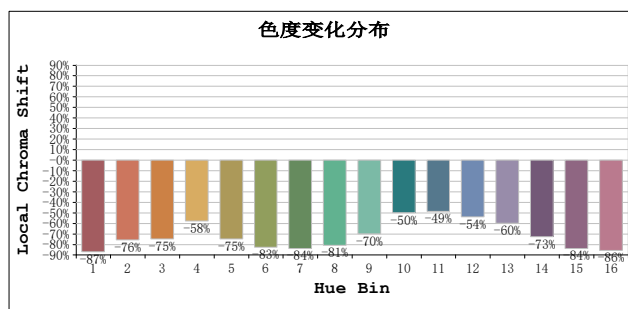
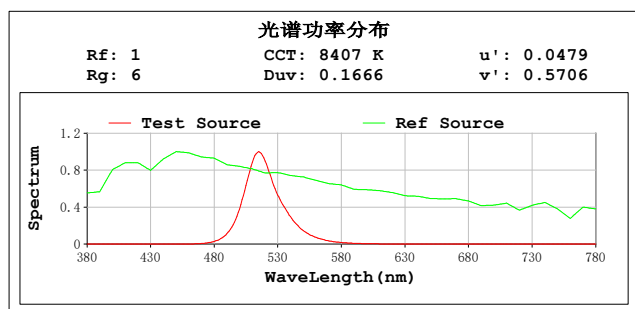
### GBT5702

**EVERFINE CORPORATION**

<http://www.everfine.cn>

**TM30**

视场角:2 度



**All Rf:**

Rf1 = 4.2	Rf2 = 0.0	Rf3 = 8.0	Rf4 = 0.2
Rf5 = 0.0	Rf6 = 2.3	Rf7 = 0.0	Rf8 = 0.0
Rf9 = 64.6	Rf10 = 0.0	Rf11 = 0.0	Rf12 = 0.0
Rf13 = 0.2	Rf14 = 56.0	Rf15 = 7.1	Rf16 = 0.6
Rf17 = 0.9	Rf18 = 7.9	Rf19 = 0.2	Rf20 = 0.0
Rf21 = 0.1	Rf22 = 0.0	Rf23 = 37.0	Rf24 = 2.2
Rf25 = 0.1	Rf26 = 0.1	Rf27 = 20.9	Rf28 = 35.0
Rf29 = 0.0	Rf30 = 1.9	Rf31 = 0.0	Rf32 = 0.0
Rf33 = 0.7	Rf34 = 0.2	Rf35 = 22.6	Rf36 = 44.5
Rf37 = 12.7	Rf38 = 1.3	Rf39 = 47.0	Rf40 = 11.2
Rf41 = 24.8	Rf42 = 0.0	Rf43 = 0.0	Rf44 = 89.1
Rf45 = 0.0	Rf46 = 0.1	Rf47 = 0.5	Rf48 = 0.0
Rf49 = 0.1	Rf50 = 0.6	Rf51 = 1.7	Rf52 = 0.1
Rf53 = 0.0	Rf54 = 9.2	Rf55 = 5.0	Rf56 = 0.0
Rf57 = 0.0	Rf58 = 0.0	Rf59 = 14.6	Rf60 = 62.6
Rf61 = 21.4	Rf62 = 57.3	Rf63 = 65.3	Rf64 = 0.0
Rf65 = 11.1	Rf66 = 0.2	Rf67 = 0.2	Rf68 = 7.1
Rf69 = 49.5	Rf70 = 3.1	Rf71 = 17.4	Rf72 = 60.4
Rf73 = 0.2	Rf74 = 93.3	Rf75 = 26.6	Rf76 = 0.6
Rf77 = 9.4	Rf78 = 0.6	Rf79 = 19.7	Rf80 = 8.3
Rf81 = 0.7	Rf82 = 54.1	Rf83 = 15.5	Rf84 = 55.6
Rf85 = 35.3	Rf86 = 0.7	Rf87 = 0.2	Rf88 = 0.1
Rf89 = 0.2	Rf90 = 0.0	Rf91 = 73.9	Rf92 = 2.4
Rf93 = 11.3	Rf94 = 0.0	Rf95 = 0.9	Rf96 = 2.1
Rf97 = 0.0	Rf98 = 0.0	Rf99 = 0.0	

## Spectrum Test Report

Sample :  
Specification : EKF5RGBW410  
Sample No. : 2  
Manufacturer :

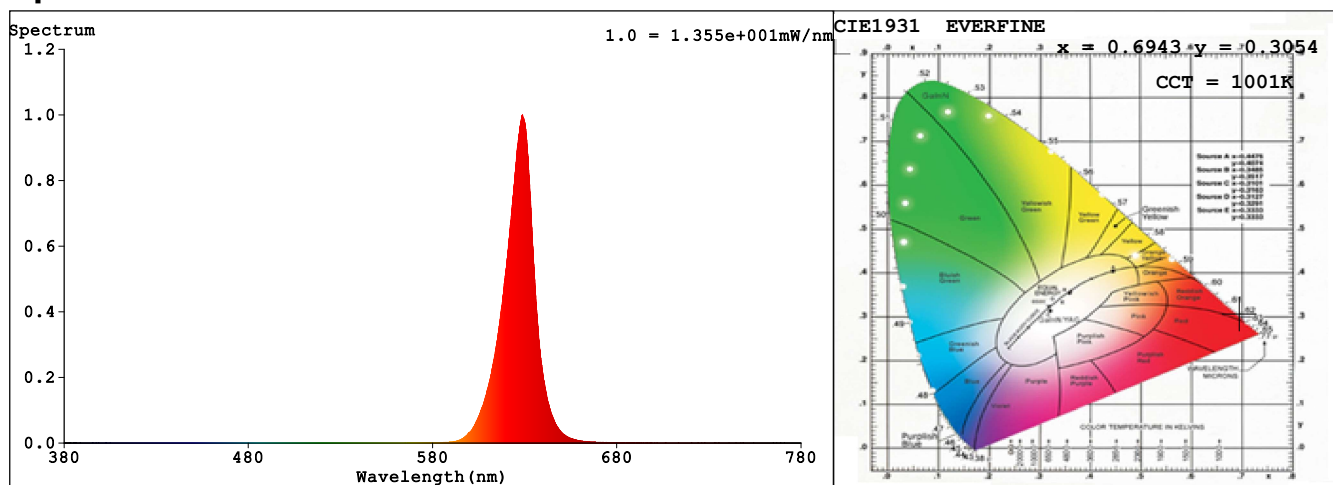
Date : 2023-03-07  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : QC  
Assessor : damin

### Test Condition

Temperature : 25.3Deg  
WL Range : 380nm-780nm  
Test Mode : Fast Test

RH : 55.0%  
IP : 51469 (79%)  
T : 479 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.6943$   $y = 0.3054$  /  $u' = 0.5264$   $v' = 0.5209$  ( $duv = -7.88e-02$ )

CCT= 1001K Prcp WL:  $L_d = 621.5nm$  Purity=100.0%

Peak WL:  $L_p = 629nm$  FWHM: =16.1nm Ratio:R=98.3% G=1.7% B=0.0%

Render Index:  $R_a = 24.2$  TM30:Rf=0 Rg=0

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

LEVEL:OUT

### Photometric & Radiometric Parameters

Flux = 55.284 lm Eff. : 24.09 lm/W  $\Phi_e = 259.52 mW$

### Electrical parameters

V = 24.01 V I = 0.09560 A P = 2.295 W PF = 1.000

Freq=0.00 Hz

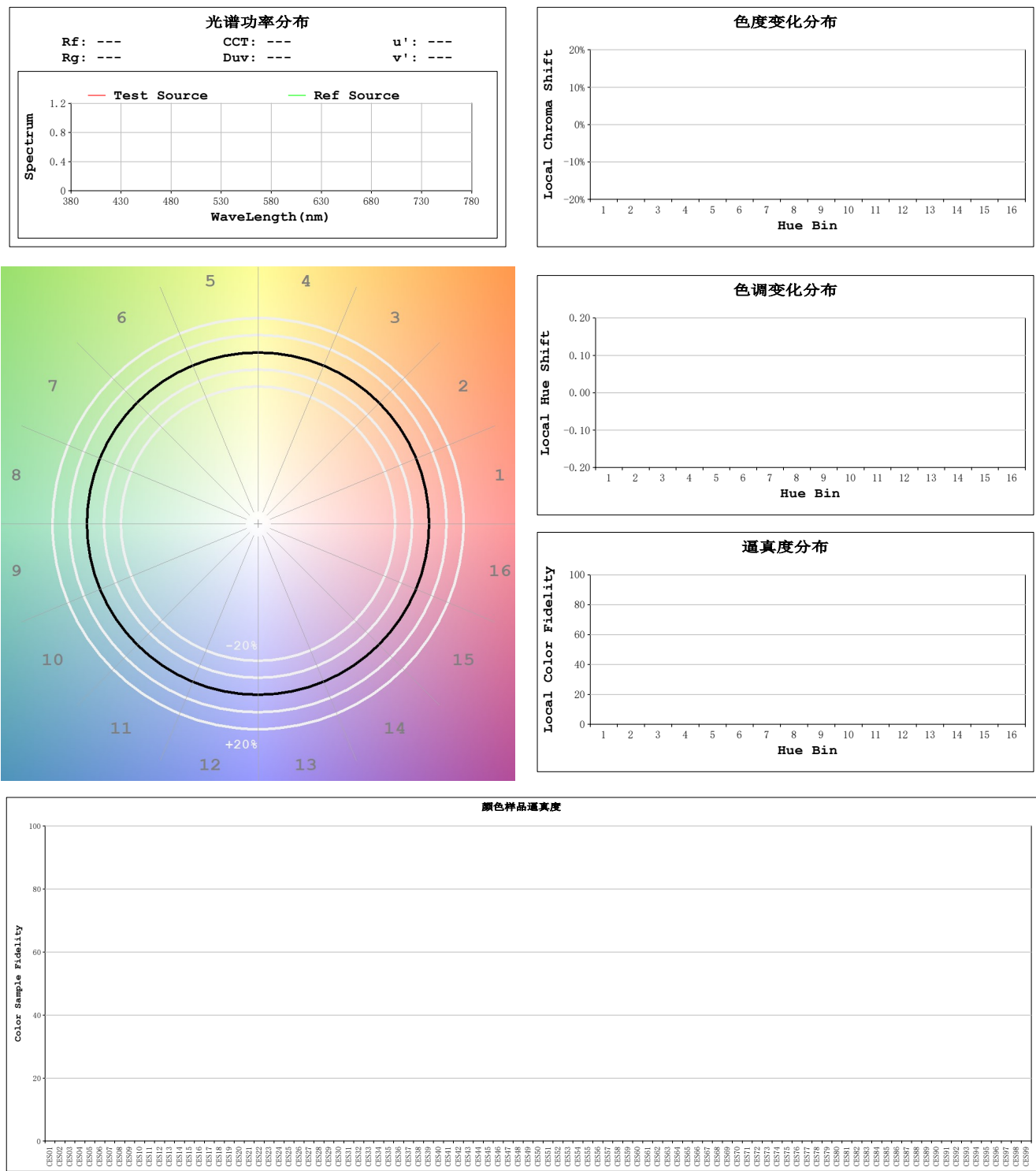
### GBT5702

EVERFINE CORPORATION

<http://www.everfine.cn>

TM30

视角:2 度



**All Rf:**

Rf1 = 4.2	Rf2 = 0.0	Rf3 = 8.0	Rf4 = 0.2
Rf5 = 0.0	Rf6 = 2.3	Rf7 = 0.0	Rf8 = 0.0
Rf9 = 64.6	Rf10 = 0.0	Rf11 = 0.0	Rf12 = 0.0
Rf13 = 0.2	Rf14 = 56.0	Rf15 = 7.1	Rf16 = 0.6
Rf17 = 0.9	Rf18 = 7.9	Rf19 = 0.2	Rf20 = 0.0
Rf21 = 0.1	Rf22 = 0.0	Rf23 = 37.0	Rf24 = 2.2
Rf25 = 0.1	Rf26 = 0.1	Rf27 = 20.9	Rf28 = 35.0
Rf29 = 0.0	Rf30 = 1.9	Rf31 = 0.0	Rf32 = 0.0
Rf33 = 0.7	Rf34 = 0.2	Rf35 = 22.6	Rf36 = 44.5
Rf37 = 12.7	Rf38 = 1.3	Rf39 = 47.0	Rf40 = 11.2
Rf41 = 24.8	Rf42 = 0.0	Rf43 = 0.0	Rf44 = 89.1
Rf45 = 0.0	Rf46 = 0.1	Rf47 = 0.5	Rf48 = 0.0
Rf49 = 0.1	Rf50 = 0.6	Rf51 = 1.7	Rf52 = 0.1
Rf53 = 0.0	Rf54 = 9.2	Rf55 = 5.0	Rf56 = 0.0
Rf57 = 0.0	Rf58 = 0.0	Rf59 = 14.6	Rf60 = 62.6
Rf61 = 21.4	Rf62 = 57.3	Rf63 = 65.3	Rf64 = 0.0
Rf65 = 11.1	Rf66 = 0.2	Rf67 = 0.2	Rf68 = 7.1
Rf69 = 49.5	Rf70 = 3.1	Rf71 = 17.4	Rf72 = 60.4
Rf73 = 0.2	Rf74 = 93.3	Rf75 = 26.6	Rf76 = 0.6
Rf77 = 9.4	Rf78 = 0.6	Rf79 = 19.7	Rf80 = 8.3
Rf81 = 0.7	Rf82 = 54.1	Rf83 = 15.5	Rf84 = 55.6
Rf85 = 35.3	Rf86 = 0.7	Rf87 = 0.2	Rf88 = 0.1
Rf89 = 0.2	Rf90 = 0.0	Rf91 = 73.9	Rf92 = 2.4
Rf93 = 11.3	Rf94 = 0.0	Rf95 = 0.9	Rf96 = 2.1
Rf97 = 0.0	Rf98 = 0.0	Rf99 = 0.0	

## Spectrum Test Report

Sample :  
Specification : EKF5RGBW410  
Sample No. : 3  
Manufacturer :

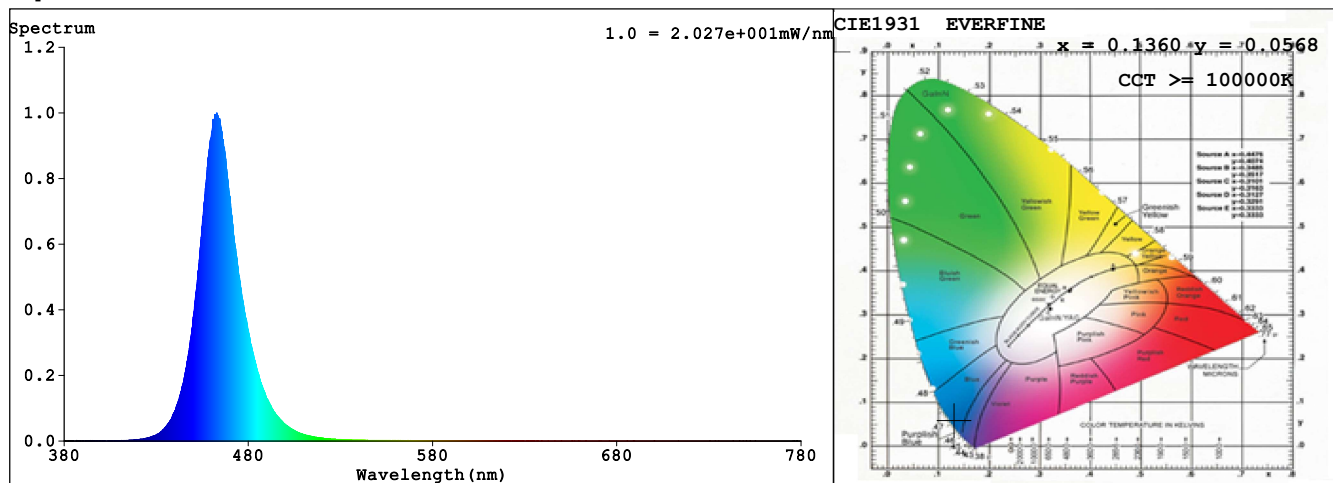
Date : 2023-03-07  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : QC  
Assessor : damin

### Test Condition

Temperature : 25.3Deg  
WL Range : 380nm-780nm  
Test Mode : Fast Test

RH : 55.0%  
IP : 40228 (61%)  
T : 239 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.1360$   $y = 0.0568$  /  $u' = 0.1596$   $v' = 0.1500$  ( $duv = -1.67e-01$ )

CCT>=100000K Prcp WL:  $L_d = 467.6\text{nm}$  Purity=97.0%

Peak WL:  $L_p = 463\text{nm}$  FWHM:  $=22.6\text{nm}$  Ratio: R=0.4% G=14.5% B=85.1%

Render Index:  $R_a = 0.3$  TM30:  $R_f = 0$   $R_g = -100$

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

LEVEL:OUT

### Photometric & Radiometric Parameters

Flux = 36.067 lm Eff. : 15.01 lm/W  $F_e = 552.98\text{ mW}$

### Electrical parameters

V = 24.00 V I = 0.1001 A P = 2.403 W PF = 1.000

Freq=0.00 Hz

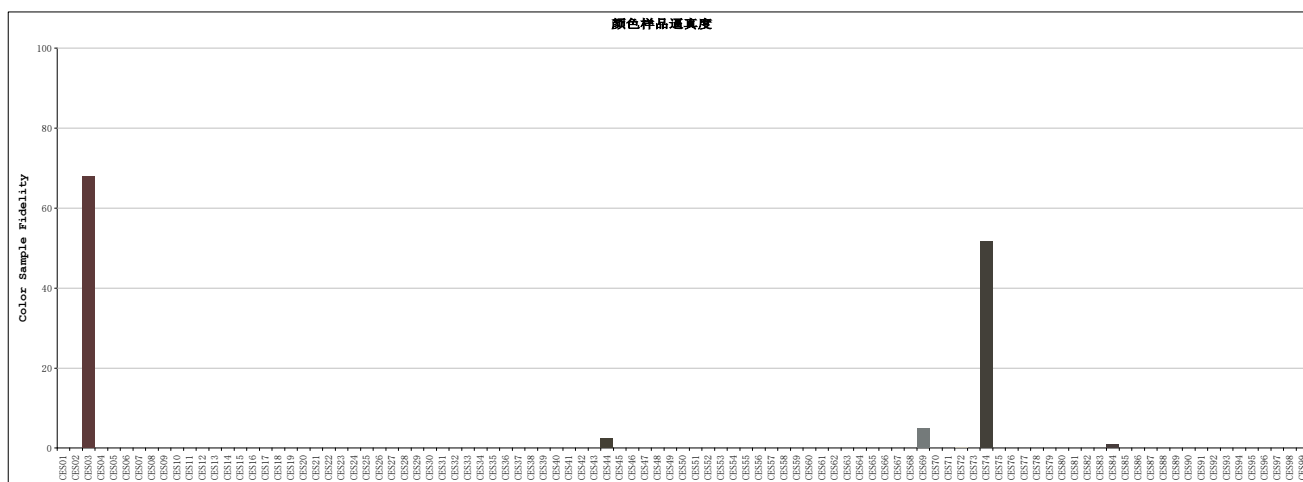
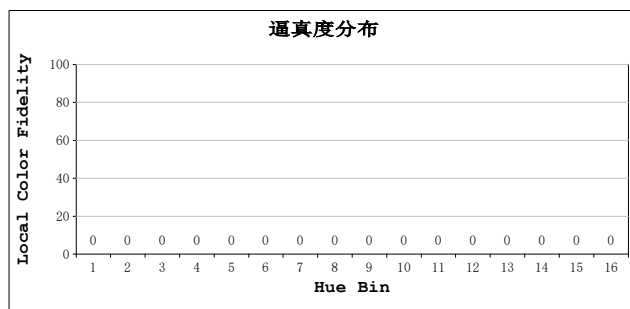
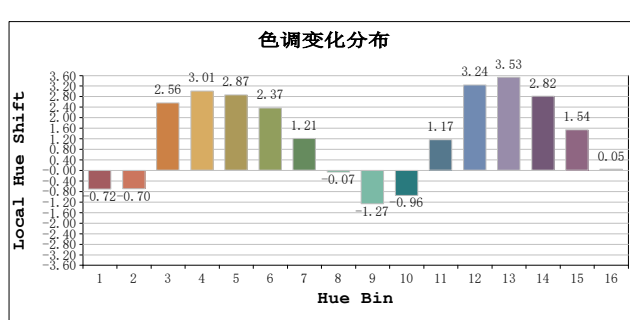
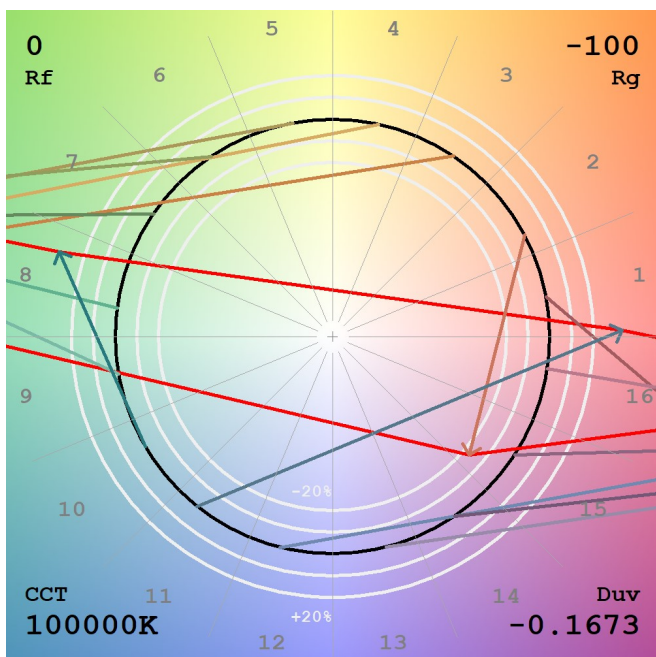
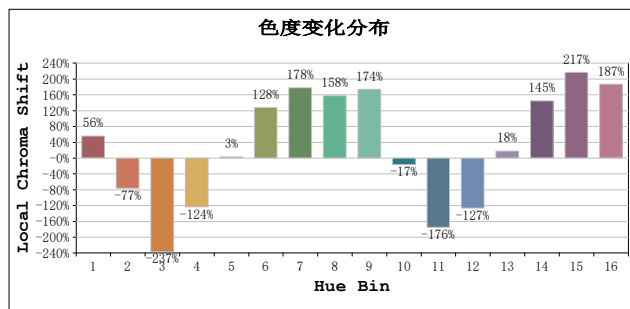
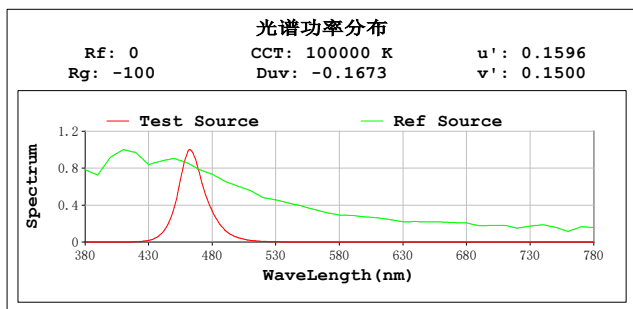
### GBT5702

**EVERFINE CORPORATION**

<http://www.everfine.cn>

**TM30**

视场角:2 度



**All Rf:**

Rf1 = 0.0	Rf2 = 0.0	Rf3 = 67.9	Rf4 = 0.0
Rf5 = 0.0	Rf6 = 0.0	Rf7 = 0.0	Rf8 = 0.0
Rf9 = 0.0	Rf10 = 0.0	Rf11 = 0.0	Rf12 = 0.0
Rf13 = 0.0	Rf14 = 0.0	Rf15 = 0.0	Rf16 = 0.0
Rf17 = 0.0	Rf18 = 0.0	Rf19 = 0.0	Rf20 = 0.0
Rf21 = 0.0	Rf22 = 0.0	Rf23 = 0.0	Rf24 = 0.0
Rf25 = 0.0	Rf26 = 0.0	Rf27 = 0.0	Rf28 = 0.0
Rf29 = 0.0	Rf30 = 0.0	Rf31 = 0.0	Rf32 = 0.0
Rf33 = 0.0	Rf34 = 0.0	Rf35 = 0.0	Rf36 = 0.0
Rf37 = 0.0	Rf38 = 0.0	Rf39 = 0.0	Rf40 = 0.0
Rf41 = 0.0	Rf42 = 0.0	Rf43 = 0.0	Rf44 = 2.5
Rf45 = 0.0	Rf46 = 0.0	Rf47 = 0.0	Rf48 = 0.0
Rf49 = 0.0	Rf50 = 0.0	Rf51 = 0.0	Rf52 = 0.0
Rf53 = 0.0	Rf54 = 0.0	Rf55 = 0.0	Rf56 = 0.0
Rf57 = 0.0	Rf58 = 0.0	Rf59 = 0.0	Rf60 = 0.1
Rf61 = 0.1	Rf62 = 0.0	Rf63 = 0.0	Rf64 = 0.0
Rf65 = 0.0	Rf66 = 0.0	Rf67 = 0.0	Rf68 = 0.0
Rf69 = 5.0	Rf70 = 0.0	Rf71 = 0.0	Rf72 = 0.4
Rf73 = 0.0	Rf74 = 51.7	Rf75 = 0.0	Rf76 = 0.0
Rf77 = 0.0	Rf78 = 0.0	Rf79 = 0.0	Rf80 = 0.0
Rf81 = 0.0	Rf82 = 0.0	Rf83 = 0.0	Rf84 = 1.1
Rf85 = 0.0	Rf86 = 0.0	Rf87 = 0.0	Rf88 = 0.0
Rf89 = 0.0	Rf90 = 0.0	Rf91 = 0.0	Rf92 = 0.0
Rf93 = 0.0	Rf94 = 0.0	Rf95 = 0.0	Rf96 = 0.0
Rf97 = 0.0	Rf98 = 0.0	Rf99 = 0.0	

## Spectrum Test Report

Sample :  
Specification : EKF5RGBW410  
Sample No. : 4  
Manufacturer :

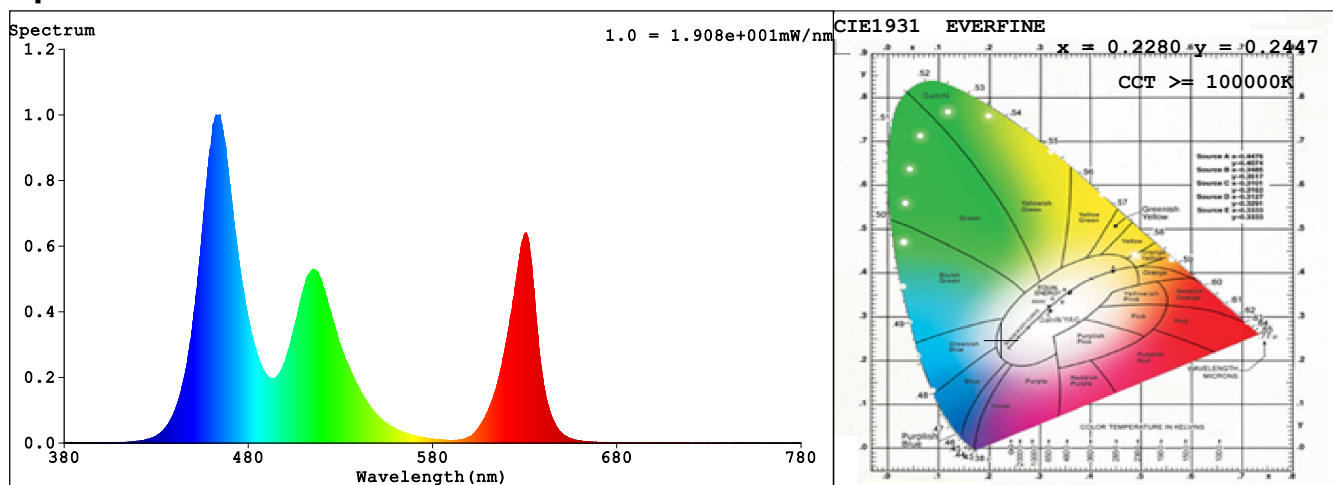
Date : 2023-03-07  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : QC  
Assessor : damin

### Test Condition

Temperature : 25.3Deg  
WL Range : 380nm-780nm  
Test Mode : Fast Test

RH : 55.0%  
IP : 38408 (59%)  
T : 239 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.2280$   $y = 0.2447$  /  $u' = 0.1664$   $v' = 0.4019$  ( $duv=1.44e-02$ )

CCT>=100000K Prcp WL:  $L_d=479.8nm$  Purity=43.7%

Peak WL:  $L_p=464nm$  FWHM: =23.7nm Ratio:R=20.1% G=65.5% B=14.4%

Render Index:  $R_a = 50.4$  TM30:Rf=47 Rg=109

R1 =40 R2 =58 R3 =64 R4 =60 R5 =61 R6 =55 R7 =56

R8 =10 R9 =0 R10=0 R11=51 R12=64 R13=39 R14=76 R15=20

LEVEL:OUT

### Photometric & Radiometric Parameters

Flux = 242.29 lm Eff. : 33.87 lm/W  $F_e = 1.1266 W$

### Electrical parameters

V = 24.00 V I = 0.2980 A P = 7.153 W PF = 1.000

Freq=0.00 Hz

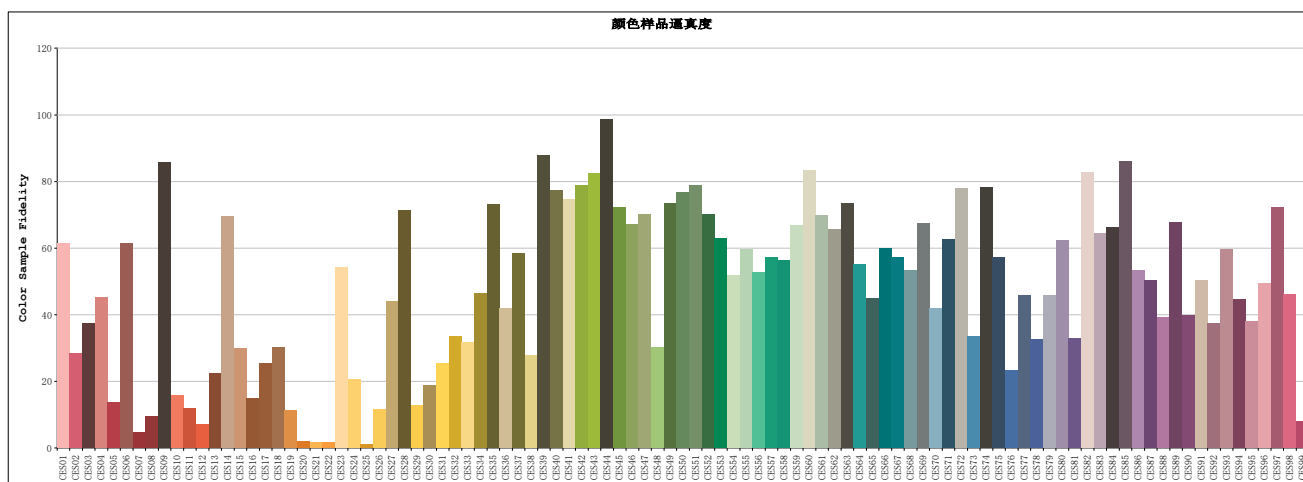
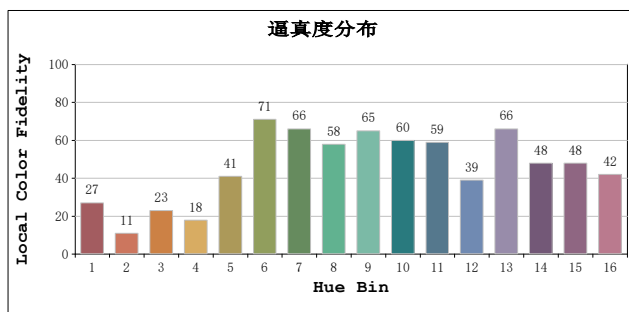
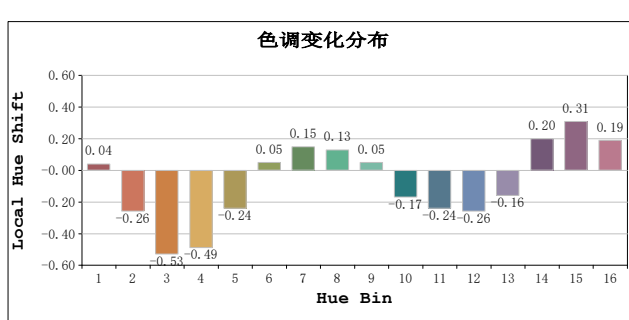
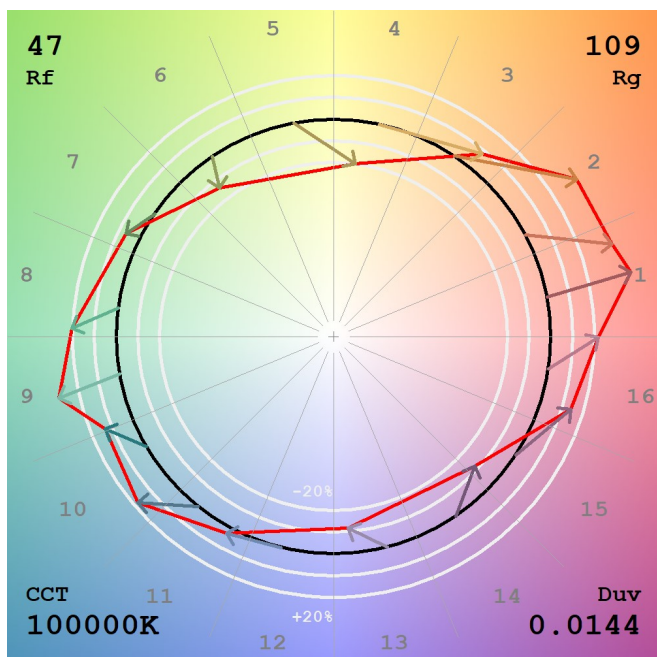
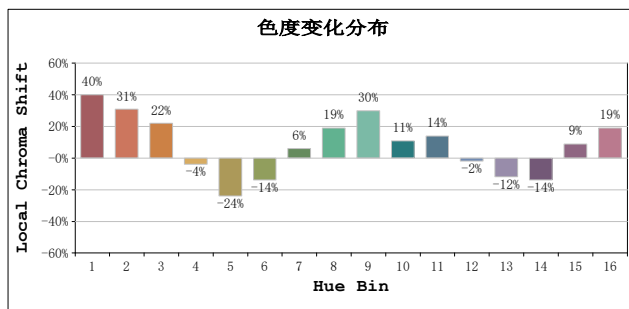
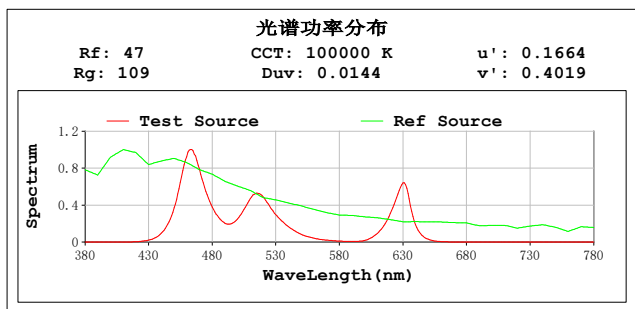
### GBT5702

**EVERFINE CORPORATION**

<http://www.everfine.cn>

# TM30

视场角:2 度



**All Rf:**

Rf1 = 61.5	Rf2 = 28.5	Rf3 = 37.4	Rf4 = 45.2
Rf5 = 13.8	Rf6 = 61.7	Rf7 = 4.8	Rf8 = 9.5
Rf9 = 86.0	Rf10 = 15.9	Rf11 = 11.8	Rf12 = 7.0
Rf13 = 22.5	Rf14 = 69.7	Rf15 = 30.1	Rf16 = 15.1
Rf17 = 25.6	Rf18 = 30.3	Rf19 = 11.4	Rf20 = 2.0
Rf21 = 1.9	Rf22 = 1.7	Rf23 = 54.3	Rf24 = 20.8
Rf25 = 1.2	Rf26 = 11.8	Rf27 = 44.1	Rf28 = 71.4
Rf29 = 13.0	Rf30 = 19.0	Rf31 = 25.4	Rf32 = 33.7
Rf33 = 31.8	Rf34 = 46.5	Rf35 = 73.2	Rf36 = 42.1
Rf37 = 58.6	Rf38 = 28.0	Rf39 = 87.9	Rf40 = 77.4
Rf41 = 74.8	Rf42 = 79.0	Rf43 = 82.5	Rf44 = 98.8
Rf45 = 72.2	Rf46 = 67.2	Rf47 = 70.1	Rf48 = 30.2
Rf49 = 73.7	Rf50 = 76.7	Rf51 = 78.9	Rf52 = 70.3
Rf53 = 63.1	Rf54 = 52.1	Rf55 = 59.8	Rf56 = 52.9
Rf57 = 57.3	Rf58 = 56.4	Rf59 = 66.8	Rf60 = 83.3
Rf61 = 69.9	Rf62 = 65.6	Rf63 = 73.6	Rf64 = 55.2
Rf65 = 45.2	Rf66 = 59.9	Rf67 = 57.4	Rf68 = 53.2
Rf69 = 67.5	Rf70 = 42.1	Rf71 = 62.8	Rf72 = 77.9
Rf73 = 33.7	Rf74 = 78.4	Rf75 = 57.4	Rf76 = 23.4
Rf77 = 45.9	Rf78 = 32.6	Rf79 = 45.9	Rf80 = 62.5
Rf81 = 33.0	Rf82 = 82.8	Rf83 = 64.6	Rf84 = 66.3
Rf85 = 86.1	Rf86 = 53.4	Rf87 = 50.3	Rf88 = 39.4
Rf89 = 67.7	Rf90 = 39.8	Rf91 = 50.4	Rf92 = 37.5
Rf93 = 59.7	Rf94 = 44.7	Rf95 = 38.0	Rf96 = 49.5
Rf97 = 72.2	Rf98 = 46.3	Rf99 = 8.0	

## Spectrum Test Report

Sample :  
Specification : EKF5RGBW410  
Sample No. : 5  
Manufacturer :

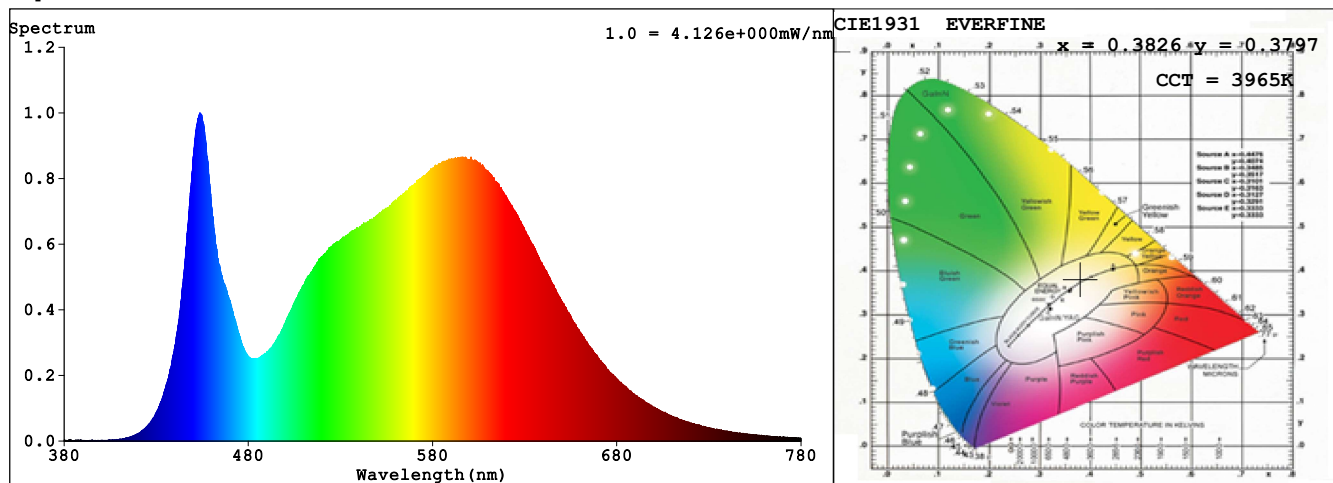
Date : 2023-03-07  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : QC  
Assessor : damin

### Test Condition

Temperature : 25.3Deg  
WL Range : 380nm-780nm  
Test Mode : Fast Test

RH : 55.0%  
IP : 48406 (74%)  
T : 1404 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3826$   $y = 0.3797$  /  $u' = 0.2253$   $v' = 0.5032$  ( $duv=7.72e-04$ )

CCT= 3965K Prcp WL:  $L_d=578.8nm$  Purity=28.8%

Peak WL:  $L_p=454nm$  FWHM:  $=20.9nm$  Ratio:R=18.4% G=78.0% B=3.6%

Render Index:  $R_a = 82.4$  TM30:Rf=83 Rg=94

R1 =81 R2 =90 R3 =95 R4 =80 R5 =80 R6 =85 R7 =85

R8 =63 R9 =6 R10=74 R11=78 R12=58 R13=83 R14=97 R15=75

LEVEL:OUT

### Photometric & Radiometric Parameters

Flux = 203.66 lm Eff. : 84.42 lm/W  $Fe = 610.35 mW$

### Electrical parameters

V = 24.00 V I = 0.1005 A P = 2.413 W PF = 1.000

Freq=0.00 Hz

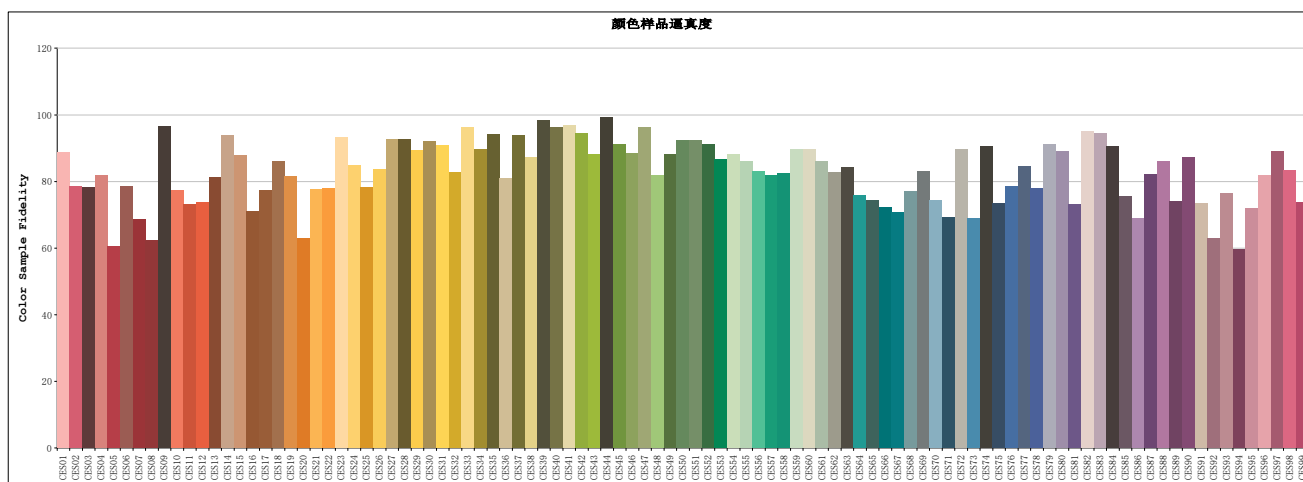
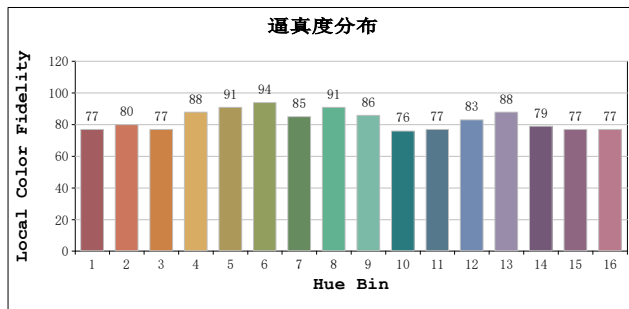
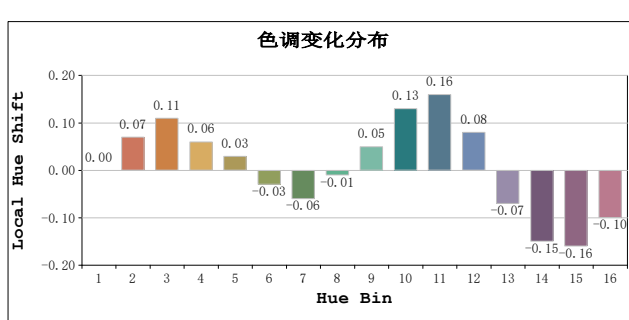
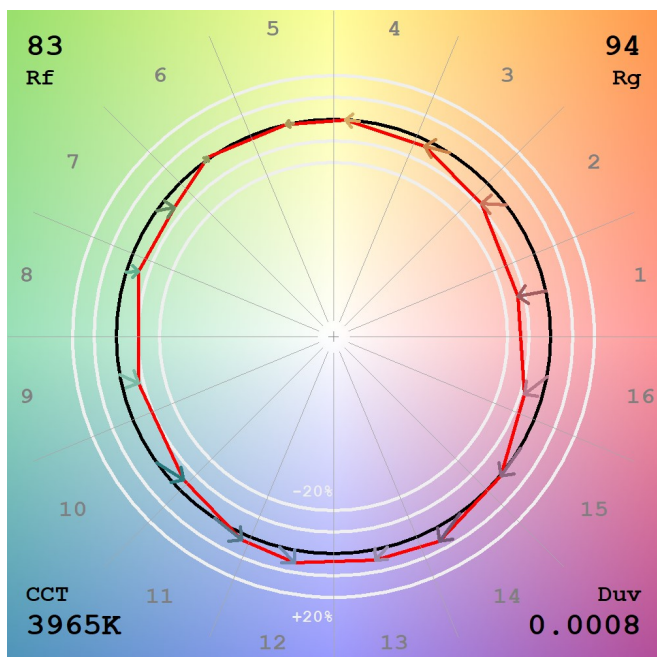
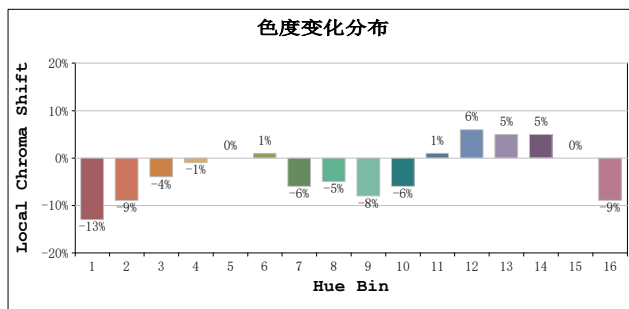
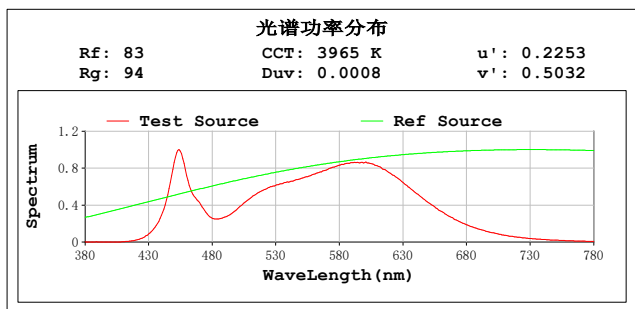
### GBT5702

**EVERFINE CORPORATION**

<http://www.everfine.cn>

# TM30

视场角:2 度



**All Rf:**

Rf1 = 88.8	Rf2 = 78.5	Rf3 = 78.2	Rf4 = 82.0
Rf5 = 60.5	Rf6 = 78.7	Rf7 = 68.7	Rf8 = 62.5
Rf9 = 96.5	Rf10 = 77.4	Rf11 = 73.4	Rf12 = 73.9
Rf13 = 81.5	Rf14 = 94.0	Rf15 = 88.1	Rf16 = 71.3
Rf17 = 77.4	Rf18 = 86.2	Rf19 = 81.6	Rf20 = 63.0
Rf21 = 77.7	Rf22 = 78.1	Rf23 = 93.4	Rf24 = 84.8
Rf25 = 78.3	Rf26 = 83.8	Rf27 = 92.8	Rf28 = 92.8
Rf29 = 89.5	Rf30 = 92.1	Rf31 = 91.0	Rf32 = 82.8
Rf33 = 96.3	Rf34 = 89.6	Rf35 = 94.2	Rf36 = 81.1
Rf37 = 94.0	Rf38 = 87.3	Rf39 = 98.5	Rf40 = 96.4
Rf41 = 97.0	Rf42 = 94.6	Rf43 = 88.3	Rf44 = 99.3
Rf45 = 91.2	Rf46 = 88.6	Rf47 = 96.2	Rf48 = 82.0
Rf49 = 88.3	Rf50 = 92.3	Rf51 = 92.4	Rf52 = 91.2
Rf53 = 86.6	Rf54 = 88.3	Rf55 = 86.0	Rf56 = 83.2
Rf57 = 81.9	Rf58 = 82.6	Rf59 = 89.9	Rf60 = 89.6
Rf61 = 86.0	Rf62 = 82.8	Rf63 = 84.4	Rf64 = 75.9
Rf65 = 74.5	Rf66 = 72.3	Rf67 = 70.8	Rf68 = 77.2
Rf69 = 83.1	Rf70 = 74.4	Rf71 = 69.4	Rf72 = 89.7
Rf73 = 69.1	Rf74 = 90.7	Rf75 = 73.7	Rf76 = 78.5
Rf77 = 84.6	Rf78 = 78.0	Rf79 = 91.3	Rf80 = 89.0
Rf81 = 73.3	Rf82 = 95.2	Rf83 = 94.4	Rf84 = 90.6
Rf85 = 75.5	Rf86 = 68.9	Rf87 = 82.3	Rf88 = 86.1
Rf89 = 74.2	Rf90 = 87.4	Rf91 = 73.7	Rf92 = 63.0
Rf93 = 76.7	Rf94 = 59.8	Rf95 = 72.0	Rf96 = 82.0
Rf97 = 89.1	Rf98 = 83.4	Rf99 = 73.8	