

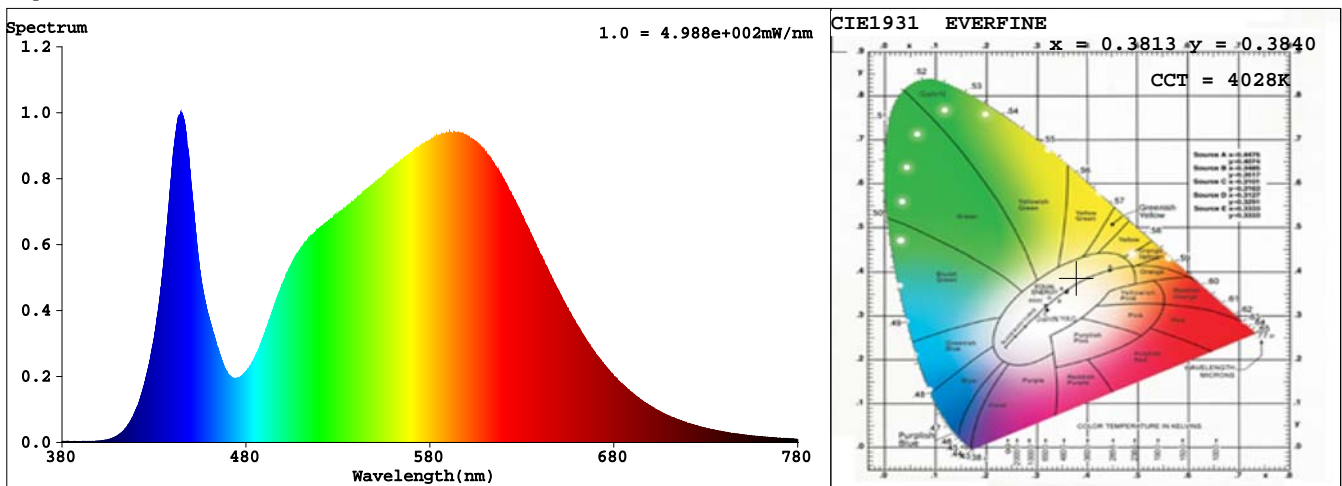
## Spectrum Test Report

Sample :	Date :	2022-09-03 14:17:28
Specification :	Sam. Status :	
Sample No. : 580	Instrument :	HAAS-2000(EVERFINE)
Manufacturer :	Test by :	
	Assessor :	damin

### Test Condition

Temperature : 25Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 45826 (70%)
Test Mode : Fast Test	T : 31 ms
	Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3813$   $y = 0.3840$  /  $u' = 0.2228$   $v' = 0.5049$  ( $duv=3.10e-03$ )  
 CCT= 4028K Prcp WL:  $L_d=577.4nm$  Purity=29.7%  
 Peak WL:  $L_p=445nm$  FWHM: =21.1nm Ratio:R=17.7% G=79.2% B=3.1%

Render Index:  $R_a = 80.2$  AvgR = 73.0

R1 =78 R2 =85 R3 =92 R4 =81 R5 =79 R6 =80 R7 =85  
 R8 =62 R9 =0 R10=65 R11=81 R12=63 R13=79 R14=95 R15=71  
 LEVEL:OUT WHITE:ANSI\_4000K

### Photometric & Radiometric Parameters

Flux = 27457 lm Eff. : 135.03 lm/W Fe = 81.632 W

### Electrical parameters

V = 229.9 V I = 0.9017 A P = 203.3 W PF = 0.9810 F=49.99 Hz

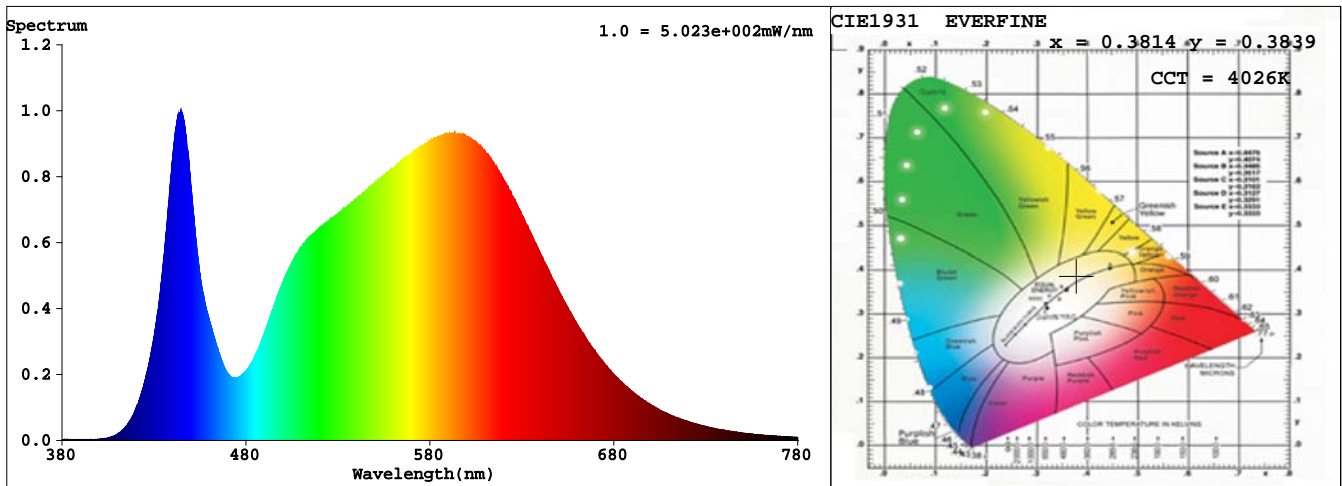
## Spectrum Test Report

Sample	:	Date	:	2022-09-03 14:18:58	
Specification	:	Sam. Status	:		
Sample No.	:	581	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:		Test by	:	
			Assessor	:	damin

### Test Condition

Temperature	:	25Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	45792 (70%)
Test Mode	:	Fast Test	T	:	31 ms
			Sensitivity	:	High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3814$   $y = 0.3839$  /  $u' = 0.2229$   $v' = 0.5048$  ( $duv=3.04e-03$ )

CCT= 4026K Prcp WL:  $L_d=577.4nm$  Purity=29.7%

Peak WL:  $L_p=445nm$  FWHM: =20.9nm Ratio:R=17.7% G=79.2% B=3.1%

Render Index:  $R_a = 80.2$  AvgR = 73.0

R1 =78 R2 =85 R3 =92 R4 =81 R5 =79 R6 =80 R7 =85

R8 =62 R9 =0 R10=65 R11=81 R12=63 R13=79 R14=95 R15=71

LEVEL:OUT WHITE:ANSI\_4000K

### Photometric & Radiometric Parameters

Flux = 27424 lm Eff. : 135.42 lm/W Fe = 81.538 W

### Electrical parameters

V = 230.0 V I = 0.8975 A P = 202.5 W PF = 0.9810 F=49.99 Hz

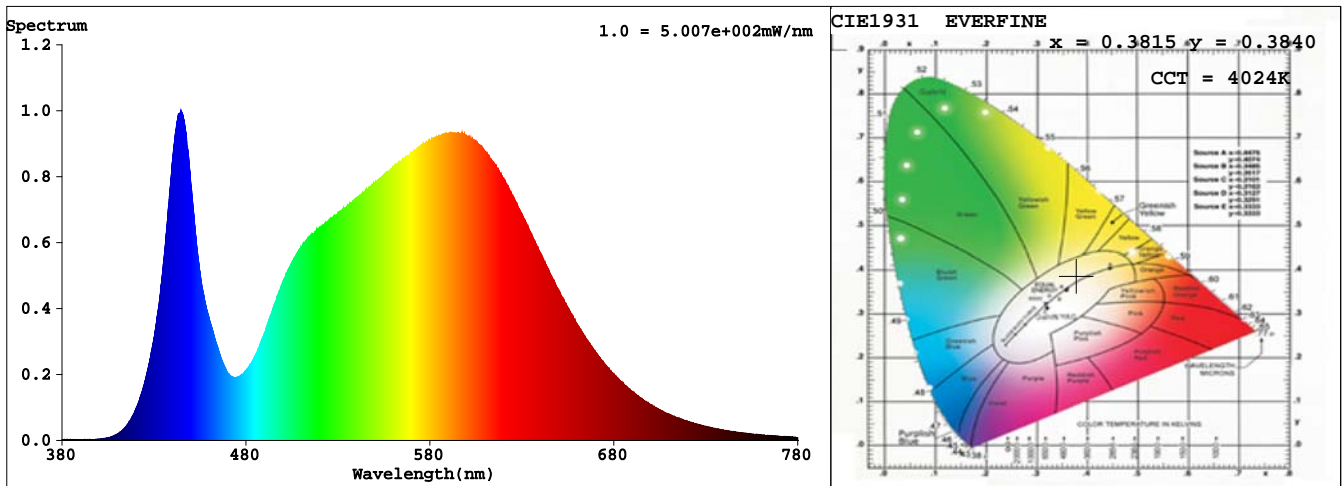
## Spectrum Test Report

Sample :	Date :	2022-09-03 14:20:39
Specification :	Sam. Status :	
Sample No. : 582	Instrument :	HAAS-2000(EVERFINE)
Manufacturer :	Test by :	
	Assessor :	damin

### Test Condition

Temperature : 25Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 45733 (70%)
Test Mode : Fast Test	T : 31 ms
	Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3815$   $y = 0.3840$  /  $u' = 0.2229$   $v' = 0.5049$  ( $duv=3.08e-03$ )

CCT= 4024K Prcp WL:  $L_d=577.4nm$  Purity=29.7%

Peak WL:  $L_p=445nm$  FWHM: =20.9nm Ratio:R=17.7% G=79.2% B=3.1%

Render Index:  $R_a = 80.2$  AvgR = 73.1

R1 =78 R2 =85 R3 =92 R4 =81 R5 =79 R6 =80 R7 =85  
 R8 =62 R9 =0 R10=65 R11=81 R12=63 R13=79 R14=95 R15=71  
 LEVEL:OUT WHITE:ANSI\_4000K

### Photometric & Radiometric Parameters

Flux = 27375 lm Eff. : 135.53 lm/W Fe = 81.397 W

### Electrical parameters

V = 230.0 V I = 0.8952 A P = 202.0 W PF = 0.9809 F=49.99 Hz

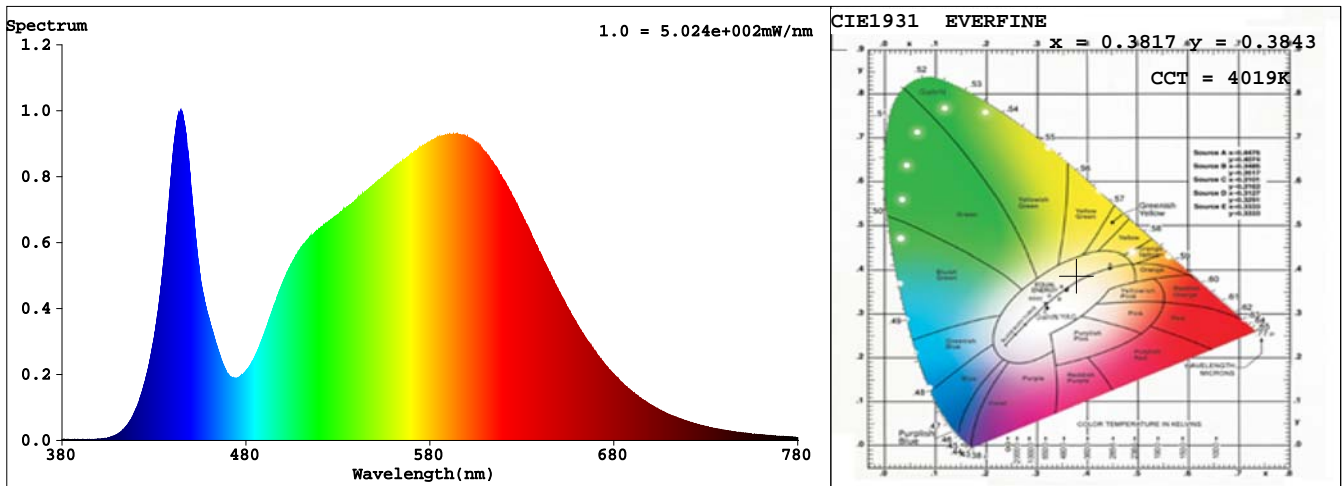
## Spectrum Test Report

Sample :	Date :	2022-09-03 14:22:18
Specification :	Sam. Status :	
Sample No. : 583	Instrument :	HAAS-2000(EVERFINE)
Manufacturer :	Test by :	
	Assessor :	damin

### Test Condition

Temperature : 25Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 45704 (70%)
Test Mode : Fast Test	T : 31 ms
	Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3817$   $y = 0.3843$  /  $u' = 0.2230$   $v' = 0.5050$  ( $duv=3.10e-03$ )

CCT= 4019K Prcp WL:  $L_d=577.4nm$  Purity=29.9%

Peak WL:  $L_p=445nm$  FWHM: =20.7nm Ratio:R=17.7% G=79.1% B=3.1%

Render Index:  $R_a = 80.2$  AvgR = 73.1

R1 =78 R2 =85 R3 =92 R4 =81 R5 =79 R6 =80 R7 =85

R8 =62 R9 =0 R10=65 R11=81 R12=63 R13=79 R14=95 R15=71

LEVEL:OUT WHITE:ANSI\_4000K

### Photometric & Radiometric Parameters

Flux = 27339 lm Eff. : 135.52 lm/W Fe = 81.262 W

### Electrical parameters

V = 230.0 V I = 0.8940 A P = 201.7 W PF = 0.9813 F=49.99 Hz

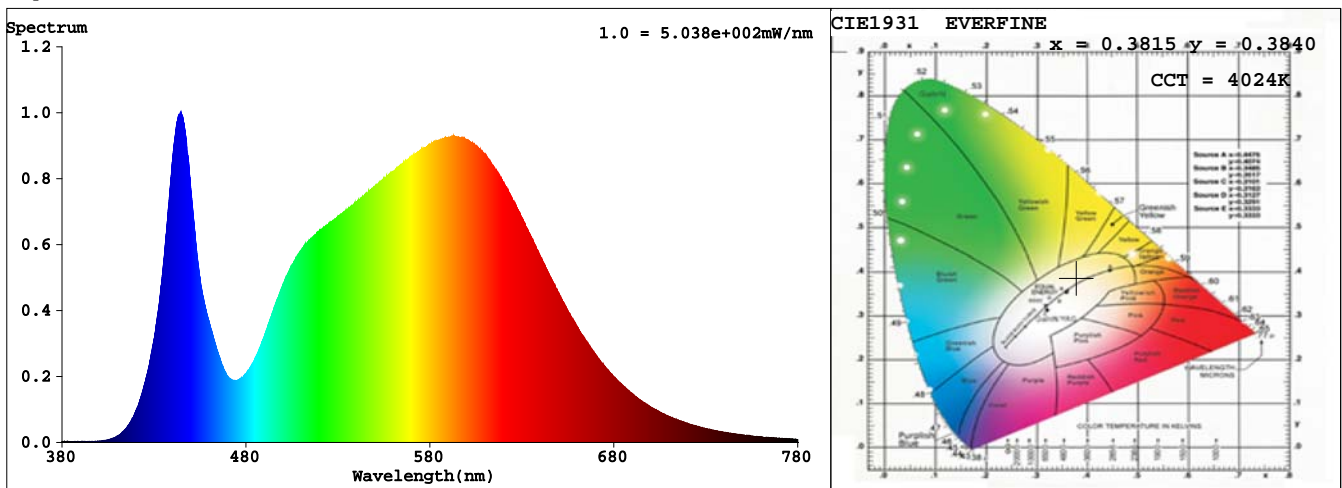
## Spectrum Test Report

Sample	:	Date	:	2022-09-03 14:24:21	
Specification	:	Sam. Status	:		
Sample No.	:	584	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:		Test by	:	
			Assessor	:	damin

### Test Condition

Temperature	:	25Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	45670 (70%)
Test Mode	:	Fast Test	T	:	31 ms
			Sensitivity	:	High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3815$   $y = 0.3840$  /  $u' = 0.2229$   $v' = 0.5049$  ( $duv=3.05e-03$ )

CCT= 4024K Prcp WL:  $L_d=577.4nm$  Purity=29.7%

Peak WL:  $L_p=445nm$  FWHM: =20.7nm Ratio:R=17.7% G=79.2% B=3.1%

Render Index:  $R_a = 80.2$  AvgR = 73.0

R1 =78 R2 =85 R3 =92 R4 =81 R5 =79 R6 =80 R7 =85

R8 =62 R9 =0 R10=65 R11=81 R12=63 R13=79 R14=95 R15=71

LEVEL:OUT WHITE:ANSI\_4000K

### Photometric & Radiometric Parameters

Flux = 27364 lm Eff. : 135.05 lm/W Fe = 81.355 W

### Electrical parameters

V = 229.9 V I = 0.8981 A P = 202.6 W PF = 0.9814 F=49.99 Hz