

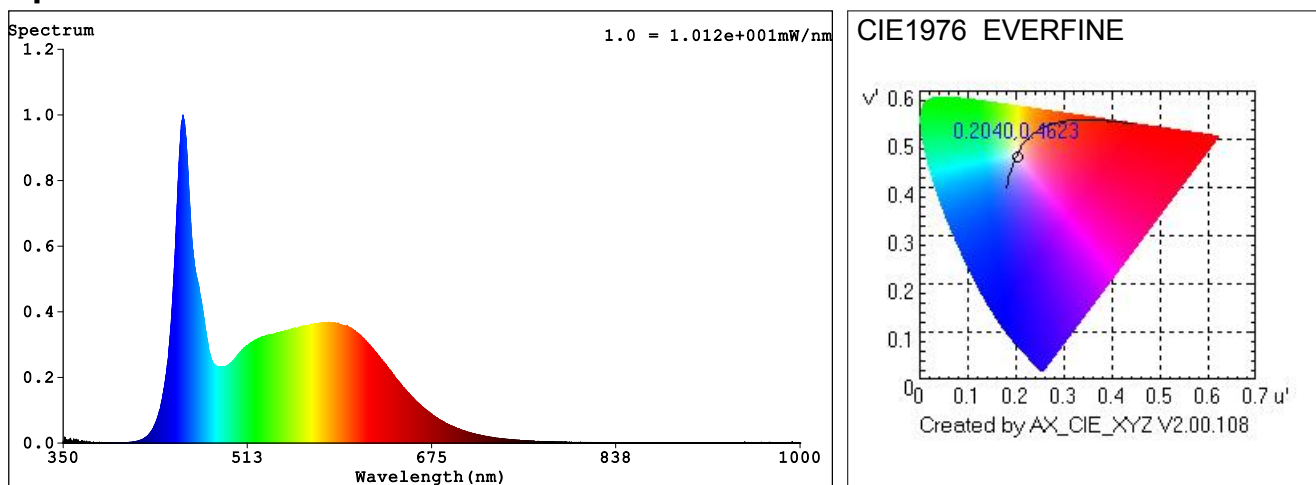
## Spectrum Test Report

Sample	:		Date	:	2024-02-20
Specification	:	L052 Cold white	Sam. Status	:	1M
Sample No.	:	10104-0765-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	Zedfy GmbH	Test by	:	DINGNANJUAN

### Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	50448 (77%)
Test Mode	:	Accuracy Test	T	:	692 ms
			Sensitivity	:	High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3151$   $y = 0.3174$  /  $u' = 0.2040$   $v' = 0.4623$  ( $duv = -4.11e-03$ )

CCT= 6459K Prcp WL:  $L_d = 479.3\text{nm}$  Purity=7.6%

Peak WL:  $L_p = 456\text{nm}$  FWHM: =20.7nm Ratio:R=15.2% G=78.0% B=6.8%

Render Index:  $R_a = 88.7$  TM30:Rf=84 Rg=96

R1 =91 R2 =97 R3 =95 R4 =85 R5 =88 R6 =89 R7 =87

R8 =78 R9 =45 R10=92 R11=86 R12=61 R13=95 R14=99 R15=90

LEVEL:OUT

TLCI Parameters: TLCI = 78.1

### Photometric & Radiometric Parameters

Flux = 244.45 lm Eff. : 28.55 lm/W  $F_e = 830.40$  mW

EEL: 0.33265 B

EEC: 28.6 G

### Electrical parameters

V = 12.00 V I = 0.7135 A P = 8.561 W PF = 1.000

Freq=0.00 Hz

**GBT5702**

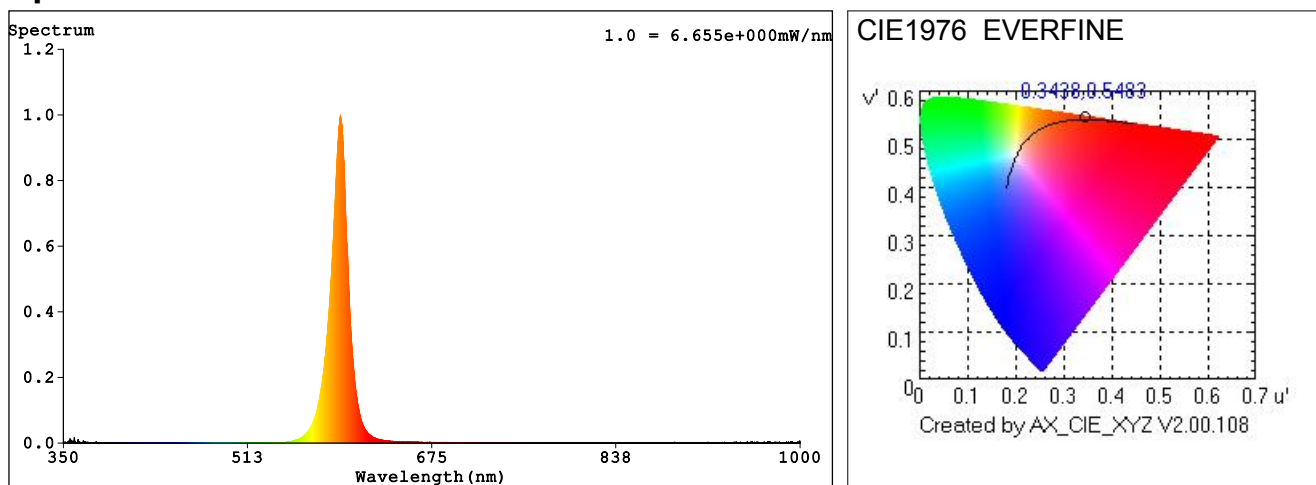
## Spectrum Test Report

Sample	:		Date	:	2024-02-20
Specification	:	L052 Amber	Sam. Status	:	1M
Sample No.	:	10104-0765-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	Zedfy GmbH	Test by	:	DINGNANJUAN

### Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	43101 (66%)
Test Mode	:	Accuracy Test	T	:	692 ms
			Sensitivity	:	High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.5849$   $y = 0.4146$  /  $u' = 0.3438$   $v' = 0.5483$  ( $duv=5.00e-03$ )

CCT= 1611K Prcp WL: Ld=591.7nm Purity=100.0%

Peak WL: Lp=595nm FWHM: =15.5nm Ratio:R=17.4% G=82.6% B=-0.0%

Render Index: Ra = 12.1 TM30:Rf=1 Rg=2

R1 = 0	R2 = 48	R3 = 16	R4 = 0	R5 = 0	R6 = 33	R7 = 0	
R8 = 0	R9 = 0	R10 = 22	R11 = 0	R12 = 0	R13 = 0	R14 = 45	R15 = 0

LEVEL:OUT

TLCI Parameters: TLCI = 1.5

### Photometric & Radiometric Parameters

Flux = 61.005 lm Eff. : 7.16 lm/W Fe = 127.47 mW

EEl: 0.86356 D

EEC: 7.2 G

### Electrical parameters

V = 12.00 V I = 0.7098 A P = 8.517 W PF = 1.000

Freq=0.00 Hz

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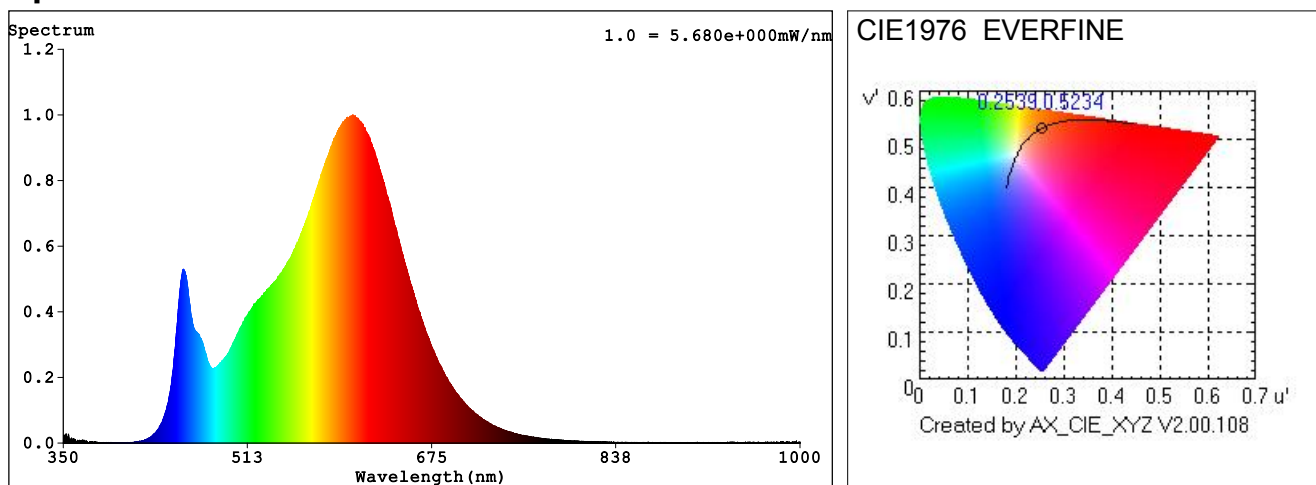
## Spectrum Test Report

Sample	:		Date	:	2024-02-20
Specification	:	L052 Warmwhite	Sam. Status	:	1M
Sample No.	:	10104-0765-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	Zedfy GmbH	Test by	:	DINGNANJUAN

### Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	49875 (76%)
Test Mode	:	Accuracy Test	T	:	950 ms
			Sensitivity	:	High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4437$   $y = 0.4065$  /  $u' = 0.2539$   $v' = 0.5234$  ( $duv=9.43e-05$ )

CCT= 2909K Prcp WL:  $L_d=583.2nm$  Purity=55.2%

Peak WL:  $L_p=606nm$  FWHM: =117.0nm Ratio:R=23.7% G=73.4% B=2.8%

Render Index:  $R_a = 82.8$  TM30:Rf=84 Rg=94

R1 =82 R2 =94 R3 =93 R4 =80 R5 =83 R6 =93 R7 =80

R8 =57 R9 =7 R10=86 R11=79 R12=73 R13=85 R14=97 R15=74

LEVEL:OUT

TLCI Parameters: TLCI = 70.1

### Photometric & Radiometric Parameters

Flux = 266.94 lm Eff. : 31.37 lm/W Fe = 812.04 mW

EEL: 0.30987 B

EEC: 31.4 G

### Electrical parameters

V = 12.00 V I = 0.7091 A P = 8.508 W PF = 1.000

Freq=0.00 Hz

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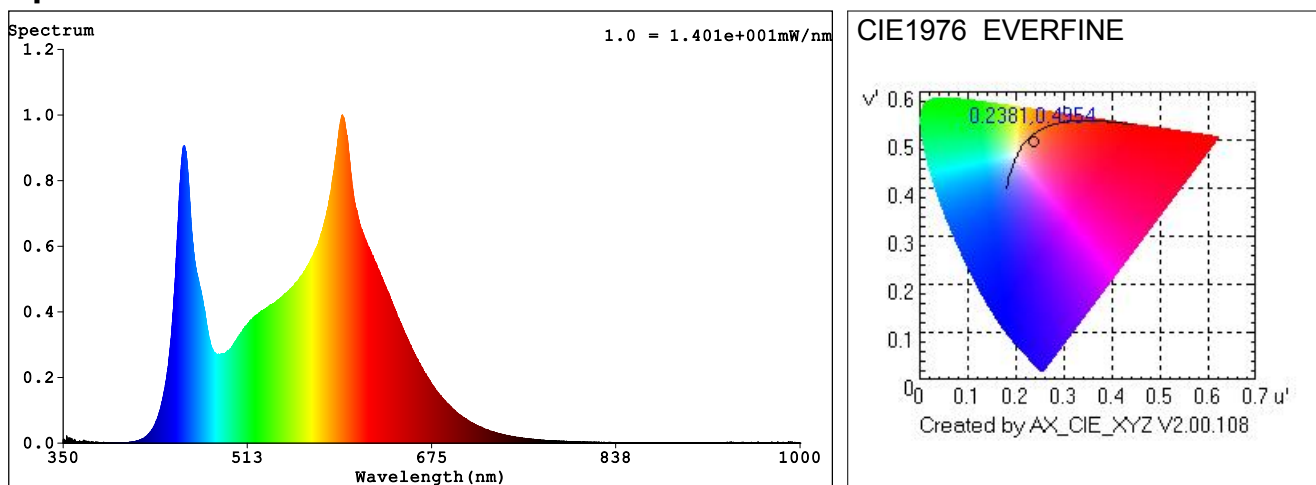
## Spectrum Test Report

Sample	:		Date	:	2024-02-20
Specification	:	L052 Mixed	Sam. Status	:	1M
Sample No.	:	10104-0765-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	Zedfy GmbH	Test by	:	DINGNANJUAN

### Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	46740 (71%)
Test Mode	:	Accuracy Test	T	:	358 ms
			Sensitivity	:	High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3894$   $y = 0.3601$  /  $u' = 0.2381$   $v' = 0.4954$  ( $duv = -1.04e-02$ )

CCT= 3617K Prcp WL:  $L_d = 587.2nm$  Purity=24.9%

Peak WL:  $L_p = 596nm$  FWHM: =73.4nm Ratio:R=20.1% G=75.4% B=4.5%

Render Index:  $R_a = 80.7$  TM30:Rf=81 Rg=94

R1 =85 R2 =97 R3 =85 R4 =78 R5 =86 R6 =91 R7 =73

R8 =51 R9 =0 R10=96 R11=79 R12=72 R13=90 R14=93 R15=76

LEVEL:OUT

TLCI Parameters: TLCI = 58.6

### Photometric & Radiometric Parameters

Flux = 547.74 lm Eff. : 22.48 lm/W  $F_e = 1.7190 W$

EEL: 0.51376 B

EEC: 22.5 G

### Electrical parameters

V = 12.00 V I = 2.031 A P = 24.37 W PF = 1.000

Freq=0.00 Hz

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