

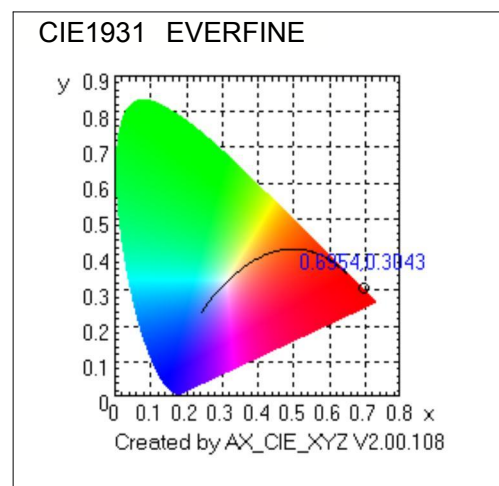
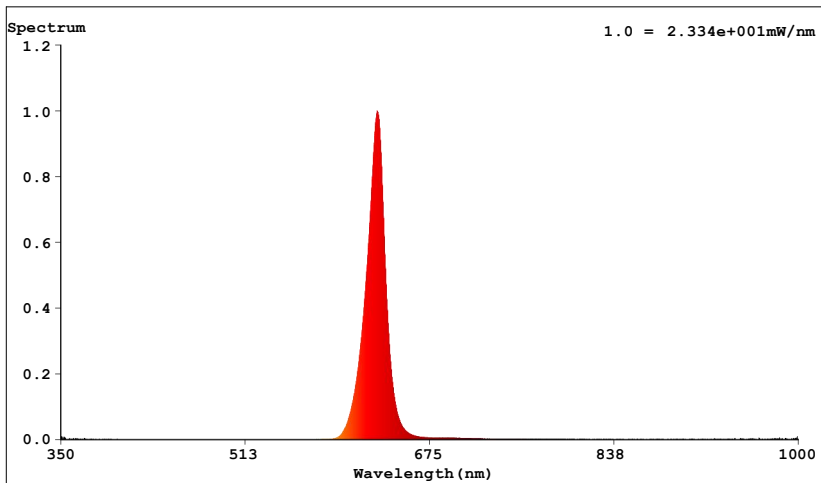
Spectrum Test Report

Sample	: 784-24v-10mm R	Date	: 2024-11-30 20:50:29
Specification	: L033 R	Sam. Status	: 1M
Sample No.	: 423	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: Zedfy GmbH	Test by	: DAMIN
Instrument number:	1	Assessor	: damin

Test Condition

Temperature	: 25.3 °C	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 55093 (84%)
Test Mode	: Fast Test	T	: 208 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6954$ $y = 0.3043$ / $u' = 0.5287$ $v' = 0.5206$ ($duv = -8.11e-02$)

CCT<=1000K Prcp WL: Ld=622.1nm Purity=99.9%

Peak WL: Lp=629nm FWHM: =17.1nm Ratio:R=98.6% G=1.4% B=0.0%

Render Index: Ra = 23.8

R1 =1	R2 =77	R3 =23	R4 =0	R5 =0	R6 =89	R7 =0	
R8 =0	R9 =0	R10=71	R11=0	R12=78	R13=27	R14=54	R15=0

TLCI = 1.6

Photometric & Radiometric Parameters

Flux = 98.637 lm Eff. : 16.56 lm/W Fe = 485.18 mW
(EQE):99.052%

Kred: 0.90787

Electrical parameters

V = 24.00 V I = 0.2482 A P = 5.956 W PF = 1.000
Freq=0.00 Hz

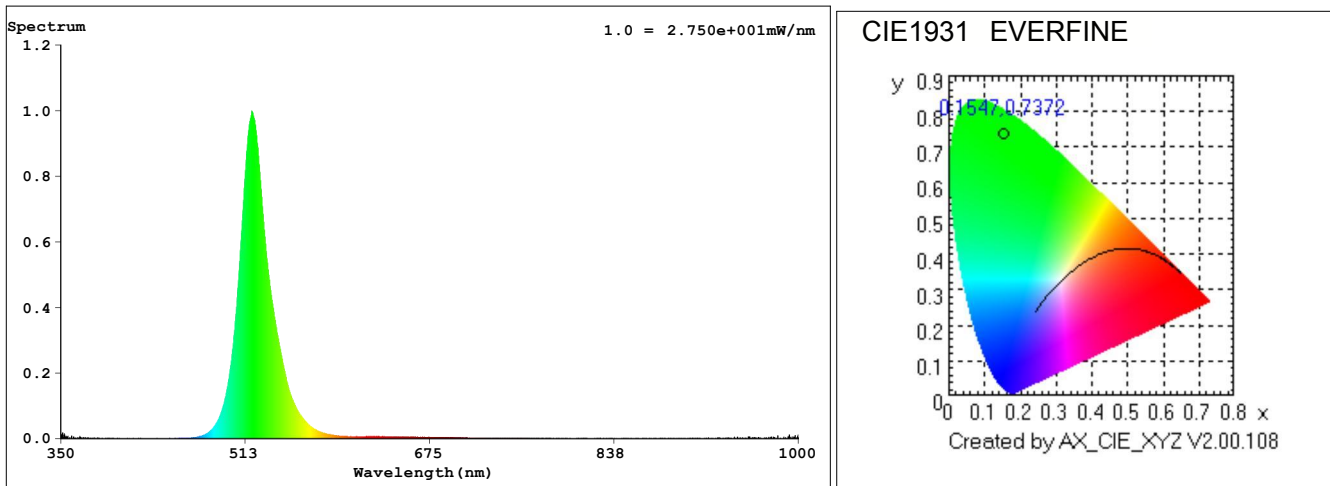
Spectrum Test Report

Sample	: 784-24v-10mm G	Date	: 2024-11-30 20:51:08
Specification	: L033 G	Sam. Status	:
Sample No.	: 424	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: Zedfy GmbH	Test by	: DAMIN
Instrument numbe:	1	Assessor	: damin

Test Condition

Temperature	: 25.3 °C	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 47037 (72%)
Test Mode	: Fast Test	T	: 104 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1547$ $y = 0.7372$ / $u' = 0.0536$ $v' = 0.5751$ ($duv=1.63e-01$)

CCT= 8012K Prcp WL: $L_d=525.2nm$ Purity=82.0%

Peak WL: $L_p=518nm$ FWHM: $=26.7nm$ Ratio:R=0.5% G=97.7% B=1.8%

Render Index: $R_a = 0.0$

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=33	R15=0

TLCI = 3.3

Photometric & Radiometric Parameters

Flux = 433.15 lm Eff. : 70.48 lm/W $F_e = 917.17$ mW (EQE):151.86%

Kred: 0.00328

Electrical parameters

V = 24.00 V I = 0.2561 A P = 6.146 W PF = 1.000

Freq=0.00 Hz

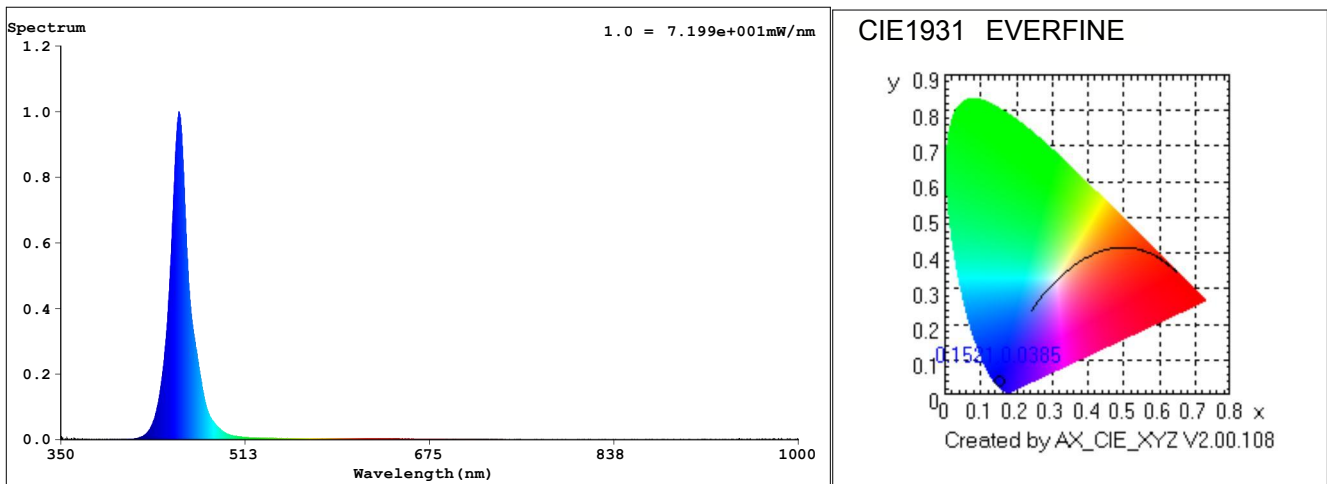
Spectrum Test Report

Sample	: 784-24v-10mm B	Date	: 2024-11-30 20:51:23
Specification	: L033 B	Sam. Status	:
Sample No.	: 425	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: Zedfy GmbH	Test by	: DAMIN
Instrument numbe: 1		Assessor	: damin

Test Condition

Temperature	: 25.3 °C	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 47090 (72%)
Test Mode	: Fast Test	T	: 52 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1521$ $y = 0.0385$ / $u' = 0.1926$ $v' = 0.1098$ ($duv = -1.93e-01$)

CCT ≥ 100000 K Prcp WL: $L_d = 458.9$ nm Purity = 96.6%

Peak WL: $L_p = 454$ nm FWHM: = 16.3nm Ratio: R=3.2% G=21.8% B=75.0%

Render Index: $R_a = 7.8$

R1 =28	R2 =0	R3 =0	R4 =0	R5 =35	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=8	R14=0	R15=34

TLCI = 2.3

Photometric & Radiometric Parameters

Flux = 79.649 lm Eff. : 13.04 lm/W $F_e = 1.5948$ W

(EQE): 232.5%

Kred: 0.02183

Electrical parameters

V = 24.00 V I = 0.2546 A P = 6.110 W PF = 1.000

Freq=0.00 Hz

Spectrum Test Report

Sample : 784-24v-10mm W-6000K
 Specification : L033 6000K
 Sample No. : 426
 Manufacturer : Zedfy GmbH
 Instrument numbe: 1

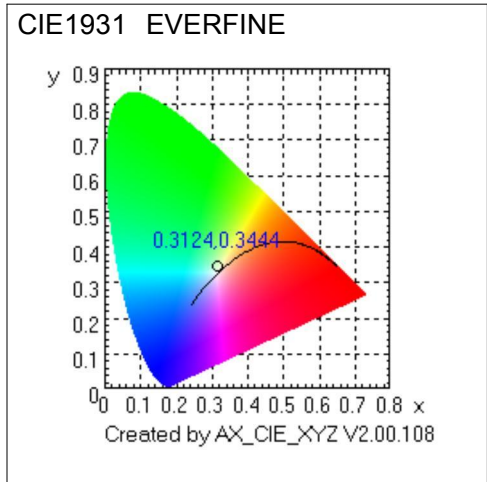
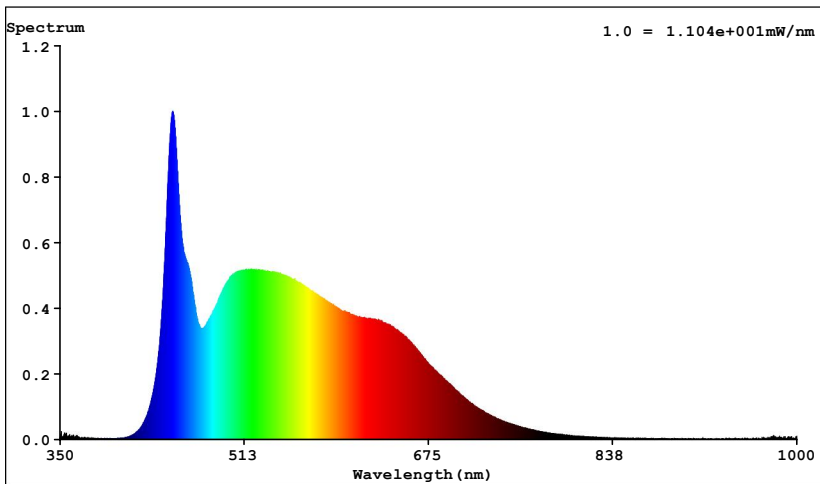
Date : 2024-11-30 20:51:44
 Sam. Status :
 Instrument : HAAS-2000(EVERFINE)
 Test by : DAMIN
 Assessor : damin

Test Condition

Temperature : 25.3 °C
 WL Range : 350nm-1000nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 53532 (82%)
 T : 401 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3124$ $y = 0.3444$ / $u' = 0.1920$ $v' = 0.4763$ ($duv=1.10e-02$)

CCT= 6415K Prcp WL: Ld=498.6nm Purity=6.5%

Peak WL: Lp=450nm FWHM: =23.8nm Ratio:R=14.1% G=79.3% B=6.6%

Render Index: Ra = 91.8

R1 =89 R2 =93 R3 =97 R4 =90 R5 =90 R6 =91 R7 =96

R8 =87 R9 =62 R10=86 R11=90 R12=70 R13=90 R14=99 R15=87

TLCI = 97.9

Photometric & Radiometric Parameters

Flux = 366.75 lm Eff. : 60.12 lm/W Fe = 1.3158 W

(EQE):231.82%

Kred: 0.09391

Electrical parameters

V = 24.00 V I = 0.2542 A P = 6.100 W PF = 1.000

Freq=0.00 Hz

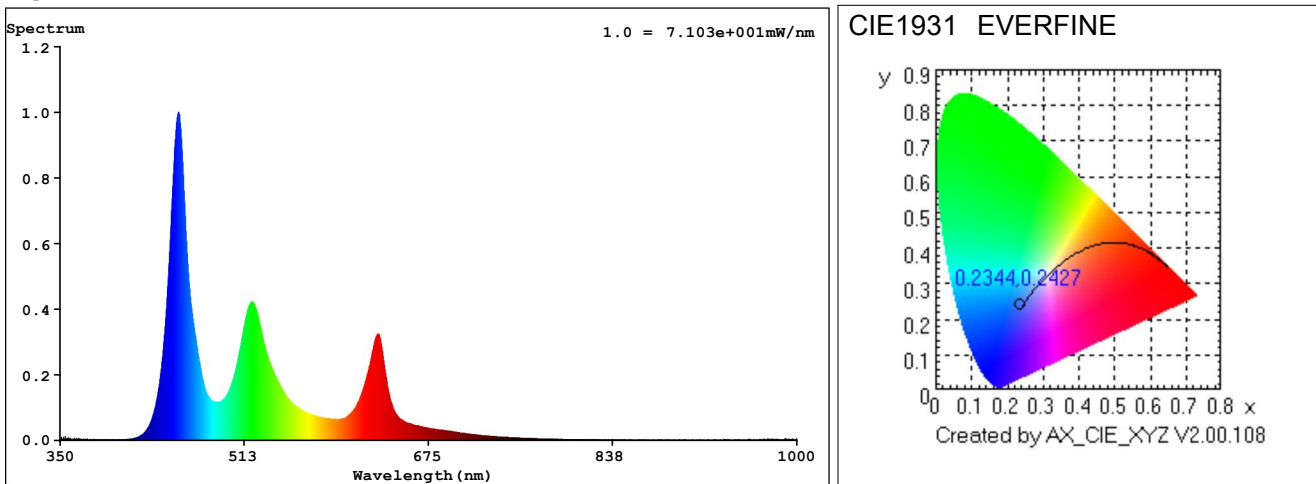
Spectrum Test Report

Sample	: 784-24v-10mm RGBW	Date	: 2024-11-30 20:52:08
Specification	: L033 Mixed	Sam. Status	:
Sample No.	: 427	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: Zedfy GmbH	Test by	: DAMIN
Instrument numbe: 1		Assessor	: damin

Test Condition

Temperature	: 25.3 °C	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 44746 (68%)
Test Mode	: Fast Test	T	: 50 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2344$ $y = 0.2427$ / $u' = 0.1723$ $v' = 0.4012$ ($duv=8.50e-03$)

CCT>>=100000K Prcp WL: Ld=478.5nm Purity=41.9%

Peak WL: Lp=454nm FWHM: =18.2nm Ratio:R=14.7% G=75.8% B=9.5%

Render Index: Ra = 83.6

R1 =79 R2 =95 R3 =83 R4 =81 R5 =89 R6 =95 R7 =85

R8 =61 R9 =0 R10=89 R11=62 R12=57 R13=80 R14=89 R15=67

TLCI = 51.5

Photometric & Radiometric Parameters

Flux = 872.75 lm Eff. : 43.80 lm/W Fe = 3.8314 W

(EQE):193.93%

Kred: 0.12176

Electrical parameters

V = 24.00 V I = 0.8303 A P = 19.93 W PF = 1.000

Freq=0.00 Hz