

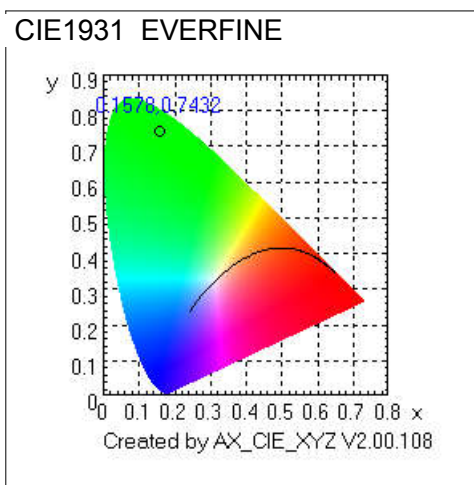
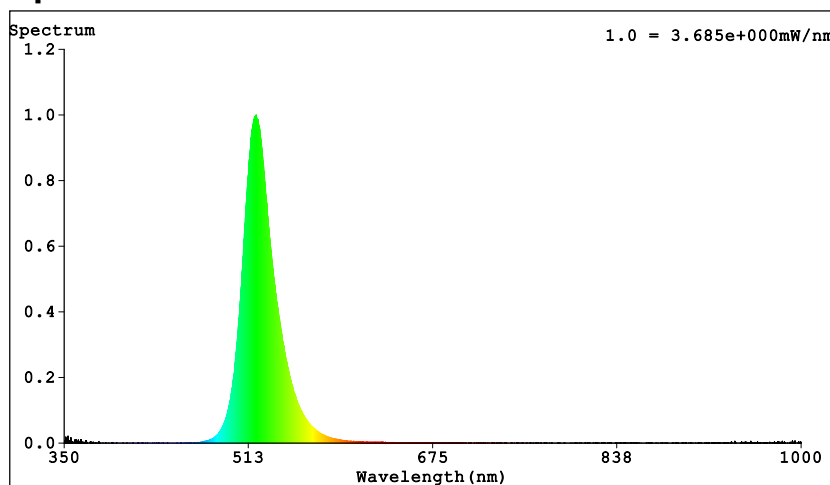
Spectrum Test Report

Sample	:		Date	:	2025-04-01
Specification	:	M098082UA3SA8 G	Sam. Status	:	94×98MM
Sample No.	:	10604-0289-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	48682 (74%)
Test Mode	:	Accuracy Test	T	:	1465 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1578$ $y = 0.7432$ / $u' = 0.0544$ $v' = 0.5765$ ($duv=1.63e-01$)

CCT= 7929K Prcp WL: Ld=526.2nm Purity=83.9%

Peak WL: Lp=519nm FWHM: =28.5nm Ratio:R=0.3% G=98.3% B=1.4%

Render Index: Ra = 0.0 TM30:Rf=1 Rg=5

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=31 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 2.3

Photometric & Radiometric Parameters

Flux = 61.171 lm Eff. : 23.12 lm/W Fe = 125.96 mW

EEL: 0.26779 B

EEC: 23.1 G

Electrical parameters

V = 4.999 V I = 0.5292 A P = 2.646 W PF = 1.000

Freq=0.00 Hz

GBT5702

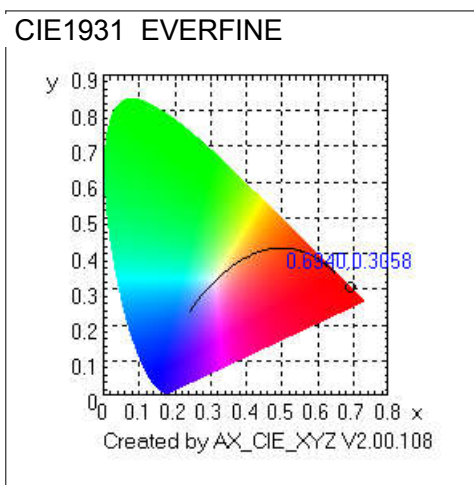
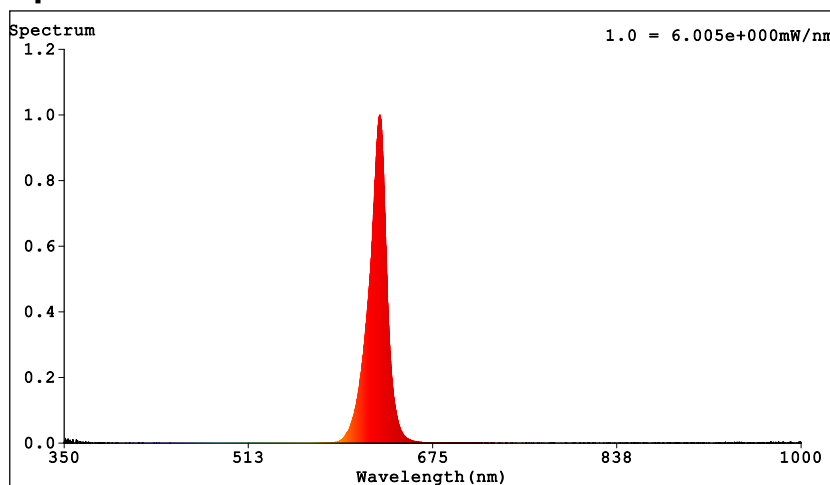
Spectrum Test Report

Sample	:		Date	:	2025-04-01
Specification	:	M098082UA3SA8 R	Sam. Status	:	94×98MM
Sample No.	:	10604-0289-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	48680 (74%)
Test Mode	:	Accuracy Test	T	:	1085 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6940$ $y = 0.3058$ / $u' = 0.5256$ $v' = 0.5211$ ($duv = -7.80e-02$)

CCT= 1001K Prcp WL: Ld=621.3nm Purity=100.0%

Peak WL: Lp=629nm FWHM: =15.1nm Ratio:R=98.3% G=1.7% B=0.0%

Render Index: Ra = 23.7 TM30:Rf=1 Rg=0

R1 =0 R2 =77 R3 =23 R4 =0 R5 =0 R6 =89 R7 =0

R8 =0 R9 =0 R10=70 R11=0 R12=78 R13=26 R14=55 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 1.6

Photometric & Radiometric Parameters

Flux = 23.795 lm Eff. : 9.06 lm/W Fe = 110.75 mW

EEL: 0.48130 B

EEC: 9.1 G

Electrical parameters

V = 4.999 V I = 0.5255 A P = 2.627 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

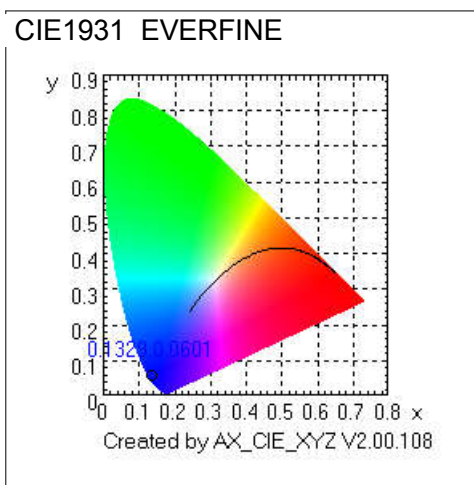
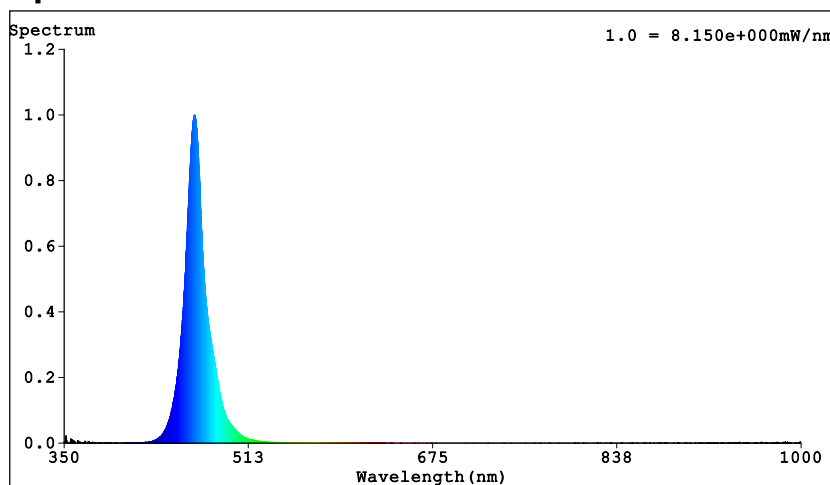
Spectrum Test Report

Sample	:		Date	:	2025-04-01
Specification	:	M098082UA3SA8 B	Sam. Status	:	94×98MM
Sample No.	:	10604-0289-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	48884 (75%)
Test Mode	:	Accuracy Test	T	:	870 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1329$ $y = 0.0601$ / $u' = 0.1539$ $v' = 0.1566$ ($duv = -1.64e-01$)

CCT>=100000K Prcp WL: Ld=468.7nm Purity=97.3%

Peak WL: Lp=465nm FWHM: =17.2nm Ratio:R=0.4% G=12.6% B=87.0%

Render Index: Ra = 0.2 TM30:Rf=0 Rg=-58

R1 =0	R2 =0	R3 =0	R4 =0	R5 =2	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=0	R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 0.8

Photometric & Radiometric Parameters

Flux = 12.558 lm Eff. : 4.77 lm/W Fe = 187.37 mW

EEL: 0.70456 C

EEC: 4.8 G

Electrical parameters

V = 4.999 V I = 0.5262 A P = 2.631 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

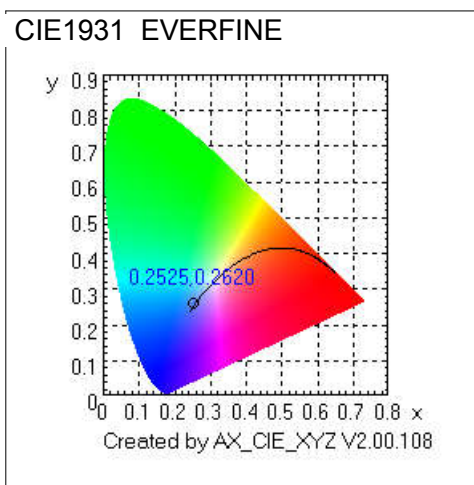
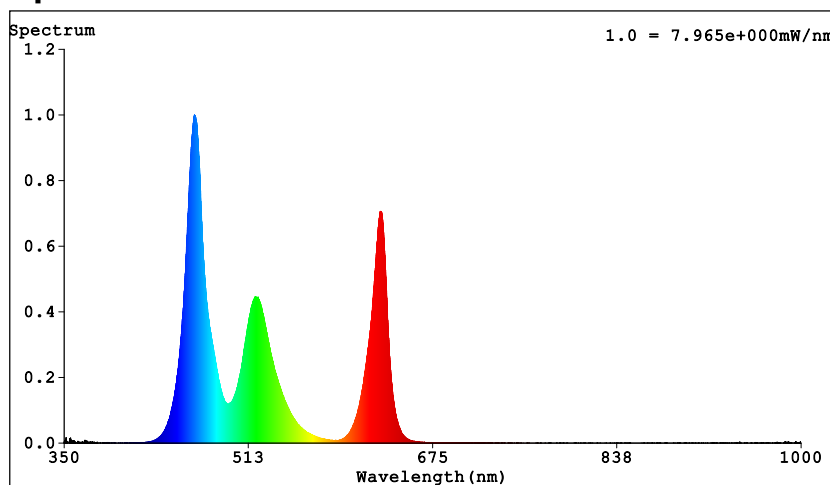
Spectrum Test Report

Sample	:		Date	:	2025-04-01
Specification	:	M098082UA3SA8 Mixed	Sam. Status	:	94×98MM
Sample No.	:	10604-0289-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	47776 (73%)
Test Mode	:	Accuracy Test	T	:	870 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2525$ $y = 0.2620$ / $u' = 0.1791$ $v' = 0.4182$ ($duv=5.05e-03$)

CCT= 19881K Prpc WL: Ld=479.1nm Purity=33.9%

Peak WL: Lp=465nm FWHM: =17.6nm Ratio:R=23.3% G=64.3% B=12.5%

Render Index: Ra = 43.7 TM30:Rf=47 Rg=112

R1 =24 R2 =54 R3 =73 R4 =46 R5 =48 R6 =52 R7 =54

R8 =0 R9 =0 R10=0 R11=37 R12=57 R13=28 R14=79 R15=5

LEVEL:OUT

TLCI Parameters: TLCI = 17.0

Photometric & Radiometric Parameters

Flux = 94.250 lm Eff. : 14.60 lm/W Fe = 412.01 mW

EEI: 0.49059 B

EEC: 14.6 G

Electrical parameters

V = 4.999 V I = 1.291 A P = 6.457 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>