

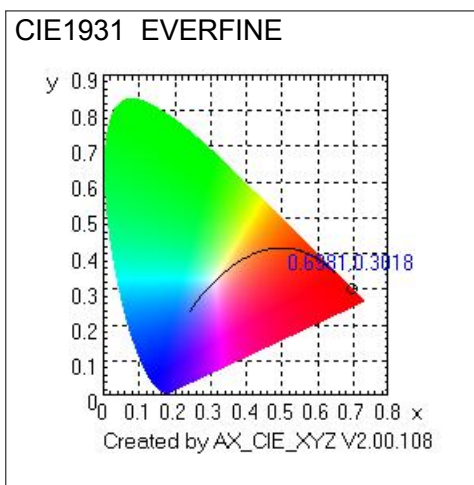
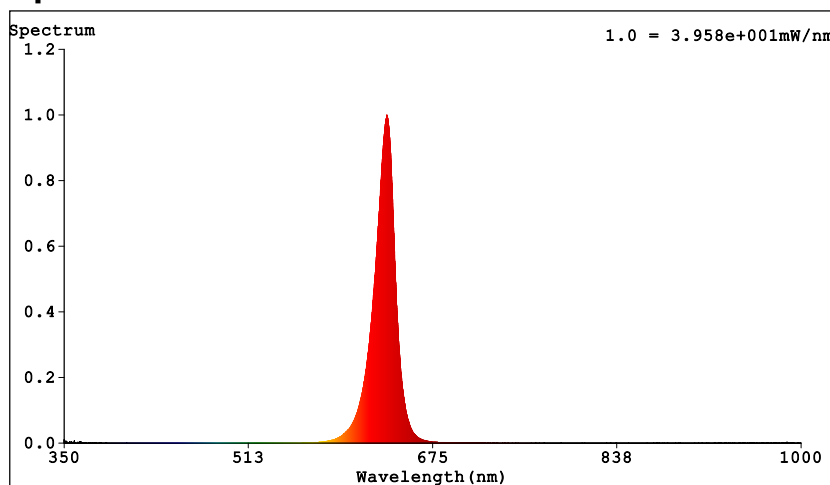
Spectrum Test Report

Sample	:		Date	:	2023-10-31
Specification	:	S005120BC3SC R	Sam. Status	:	1M
Sample No.	:	10105-0203-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	DINGNANJUAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	48600 (74%)
Test Mode	:	Accuracy Test	T	:	139 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6981$ $y = 0.3018$ / $u' = 0.5344$ $v' = 0.5198$ ($duv = -8.68e-02$)

CCT= 1001K Prcp WL: Ld=623.5nm Purity=100.0%

Peak WL: Lp=635nm FWHM: =18.3nm Ratio:R=95.8% G=4.2% B=0.0%

Render Index: Ra = 27.6 TM30:Rf=1 Rg=0

R1 =8 R2 =77 R3 =34 R4 =0 R5 =3 R6 =87 R7 =11

R8 =0 R9 =0 R10=71 R11=0 R12=80 R13=30 R14=61 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 5.2

Photometric & Radiometric Parameters

Flux = 157.26 lm Eff. : 15.17 lm/W Fe = 874.55 mW

EEL: 0.55306 B

EEC: 15.2 G

Electrical parameters

V = 24.00 V I = 0.4319 A P = 10.36 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

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Spectrum Test Report

Sample :
Specification : S005120BC3SC G
Sample No. : 10105-0203-00
Manufacturer : iPixel LED

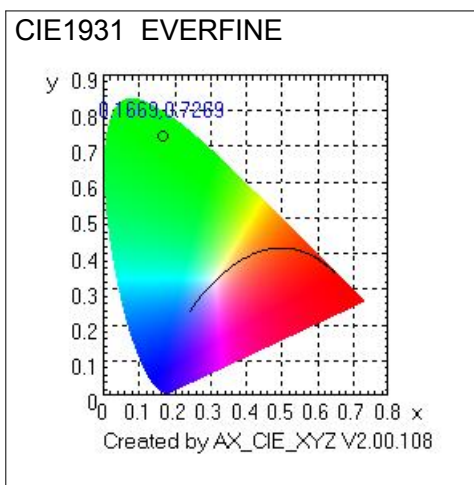
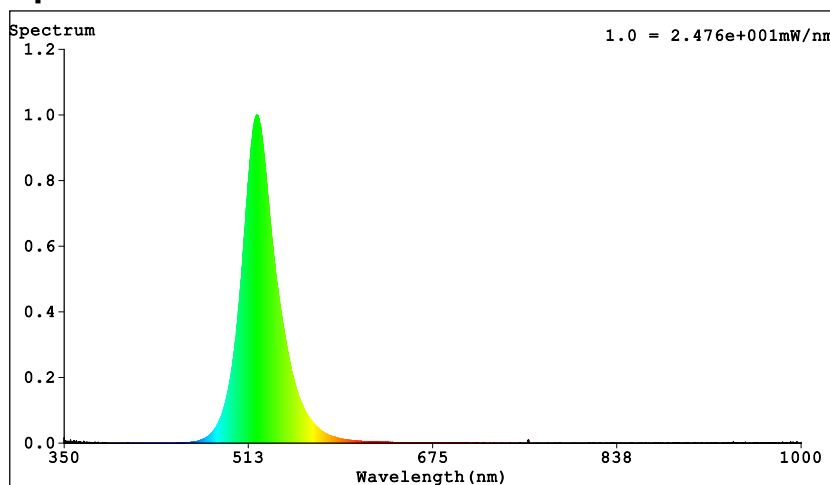
Date : 2023-10-31
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 50875 (78%)
T : 183 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1669$ $y = 0.7269$ / $u' = 0.0586$ $v' = 0.5744$ ($duv=1.59e-01$)

CCT= 7862K Prcp WL: Ld=526.6nm Purity=80.8%

Peak WL: Lp=520nm FWHM: =31.1nm Ratio:R=0.3% G=97.6% B=2.1%

Render Index: Ra = 0.0 TM30:Rf=2 Rg=7

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=38 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 3.0

Photometric & Radiometric Parameters

Flux = 451.28 lm Eff. : 43.24 lm/W Fe = 931.58 mW

EEL: 0.25576 B

EEC: 43.2 G

Electrical parameters

V = 24.00 V I = 0.4349 A P = 10.44 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

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Spectrum Test Report

Sample :
Specification : S005120BC3SC B
Sample No. : 10105-0203-00
Manufacturer : iPixel LED

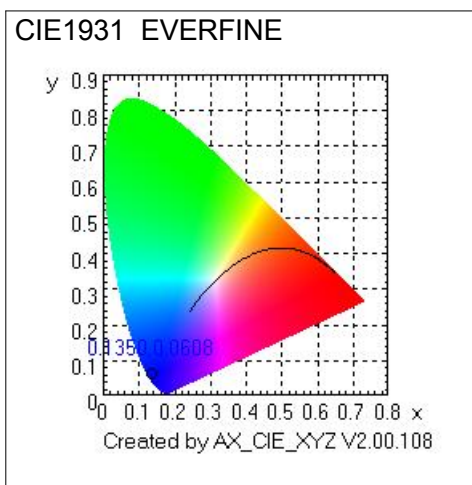
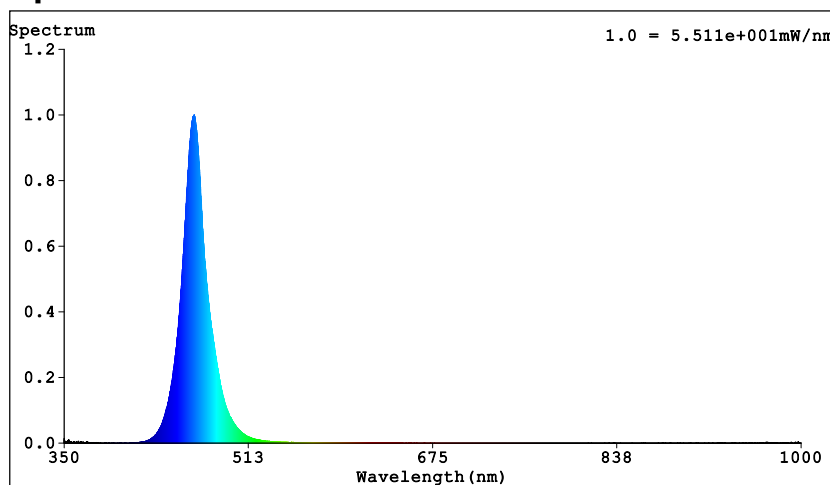
Date : 2023-10-31
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 42011 (64%)
T : 91 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1350$ $y = 0.0608$ / $u' = 0.1561$ $v' = 0.1582$ ($duv = -1.62e-01$)

CCT>=100000K Prcp WL: Ld=468.4nm Purity=96.6%

Peak WL: Lp=465nm FWHM: =21.7nm Ratio:R=0.5% G=16.5% B=83.0%

Render Index: Ra = 0.5 TM30:Rf=0 Rg=-118

R1 =0 R2 =0 R3 =0 R4 =0 R5 =4 R6 =0 R7 =0
R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=2

LEVEL:OUT

TLCI Parameters: TLCI = 0.9

Photometric & Radiometric Parameters

Flux = 103.20 lm Eff. : 9.86 lm/W Fe = 1.5111 W

EEI: 0.74754 C

EEC: 9.9 G

Electrical parameters

V = 24.00 V I = 0.4360 A P = 10.46 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

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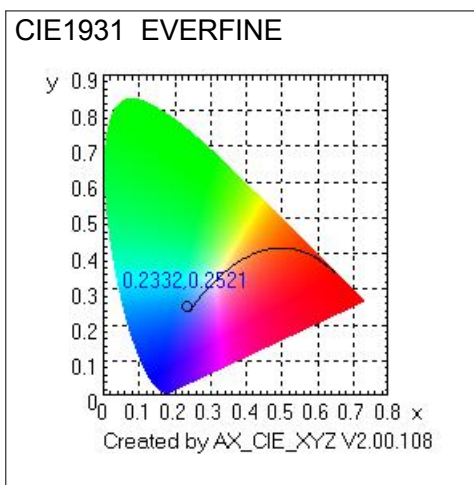
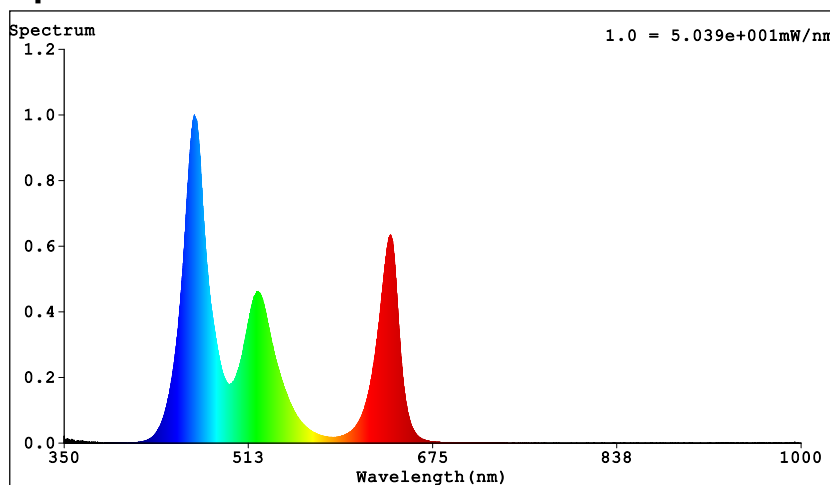
Spectrum Test Report

Sample	:		Date	:	2023-10-31
Specification	:	S005120BC3SC Mixed	Sam. Status	:	1M
Sample No.	:	10105-0203-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	DINGNANJUAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	48594 (74%)
Test Mode	:	Accuracy Test	T	:	115 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2332$ $y = 0.2521$ / $u' = 0.1678$ $v' = 0.4082$ ($duv=1.40e-02$)

CCT= 50120K Prcp WL: $L_d=480.3nm$ Purity=41.2%

Peak WL: $L_p=465nm$ FWHM: $=22.8nm$ Ratio:R=18.4% G=67.5% B=14.0%

Render Index: $R_a = 55.3$ TM30:Rf=52 Rg=109

R1 =46 R2 =64 R3 =75 R4 =65 R5 =66 R6 =66 R7 =57

R8 =3 R9 =0 R10=17 R11=62 R12=65 R13=45 R14=82 R15=21

LEVEL:OUT

TLCI Parameters: TLCI = 14.8

Photometric & Radiometric Parameters

Flux = 653.02 lm Eff. : 28.64 lm/W Fe = 3.0597 W

EEL: 0.41847 B

EEC: 28.6 G

Electrical parameters

V = 24.00 V I = 0.9501 A P = 22.80 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

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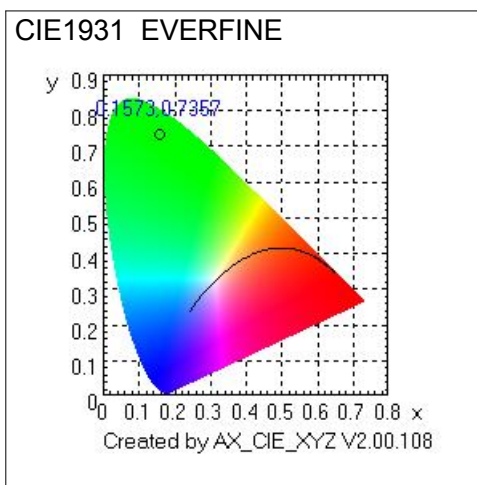
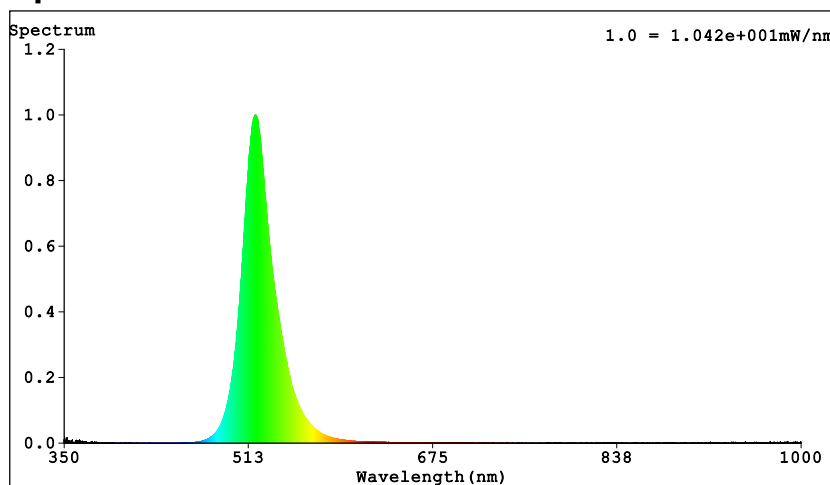
Spectrum Test Report

Sample	:		Date	:	2024-04-26
Specification	:	S004060DA3SA1 G	Sam. Status	:	1M
Sample No.	:	10104-0459-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	DINGNANJUAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	46808 (71%)
Test Mode	:	Accuracy Test	T	:	413 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1573$ $y = 0.7357$ / $u' = 0.0547$ $v' = 0.5751$ ($duv=1.62e-01$)

CCT= 7976K Prcp WL: Ld=525.5nm Purity=81.9%

Peak WL: Lp=519nm FWHM: =28.5nm Ratio:R=0.3% G=97.9% B=1.8%

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

TLCI Parameters: TLCI = 2.7

Photometric & Radiometric Parameters

Flux = 173.41 lm Eff. : 43.09 lm/W Fe = 362.29 mW

EEL: 0.20035 A

EEC: 43.1 G

Electrical parameters

V = 5.000 V I = 0.8048 A P = 4.024 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

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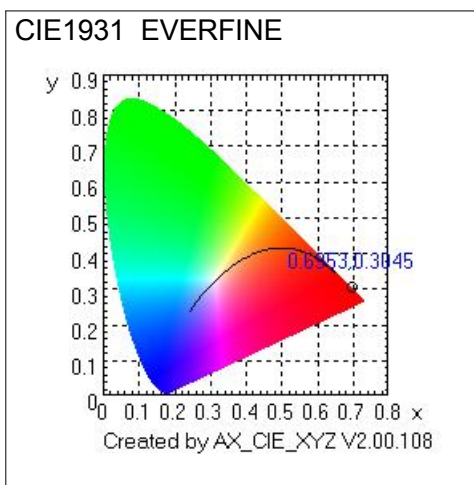
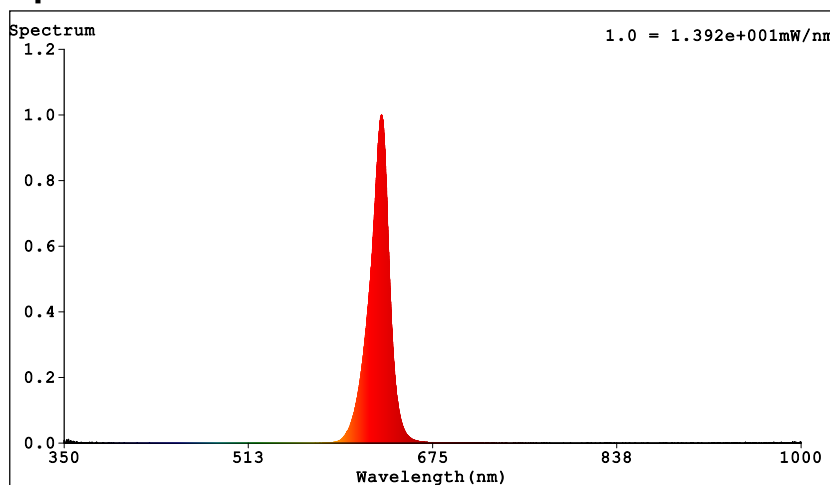
Spectrum Test Report

Sample	:		Date	:	2024-04-26
Specification	:	S004060DA3SA1 R	Sam. Status	:	1M
Sample No.	:	10104-0459-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	DINGNANJUAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	50098 (76%)
Test Mode	:	Accuracy Test	T	:	413 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6953$ $y = 0.3045$ / $u' = 0.5284$ $v' = 0.5207$ ($duv = -8.08e-02$)

CCT= 1001K Prcp WL: $L_d = 622.0nm$ Purity=100.0%

Peak WL: $L_p = 630nm$ FWHM: $= 17.0nm$ Ratio: R=98.2% G=1.8% B=0.0%

Render Index: $R_a = 24.0$ TM30: $R_f = 1$ $R_g = 0$

R1 =1 R2 =77 R3 =25 R4 =0 R5 =0 R6 =89 R7 =0

R8 =0 R9 =0 R10 =70 R11 =0 R12 =79 R13 =26 R14 =56 R15 =0

LEVEL:OUT

TLCI Parameters: TLCI = 1.7

Photometric & Radiometric Parameters

Flux = 58.406 lm Eff. : 14.66 lm/W $F_e = 283.80 mW$

EEL: 0.41547 B

EEC: 14.7 G

Electrical parameters

V = 5.000 V I = 0.7966 A P = 3.983 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

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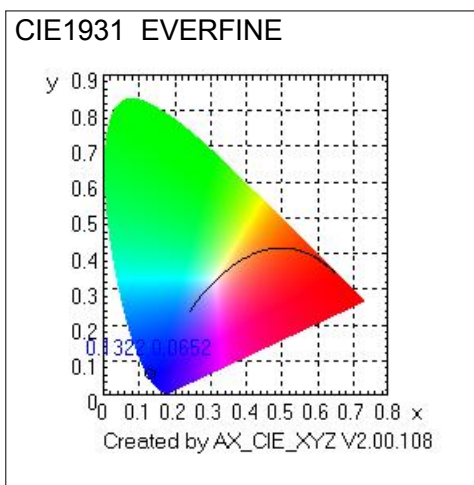
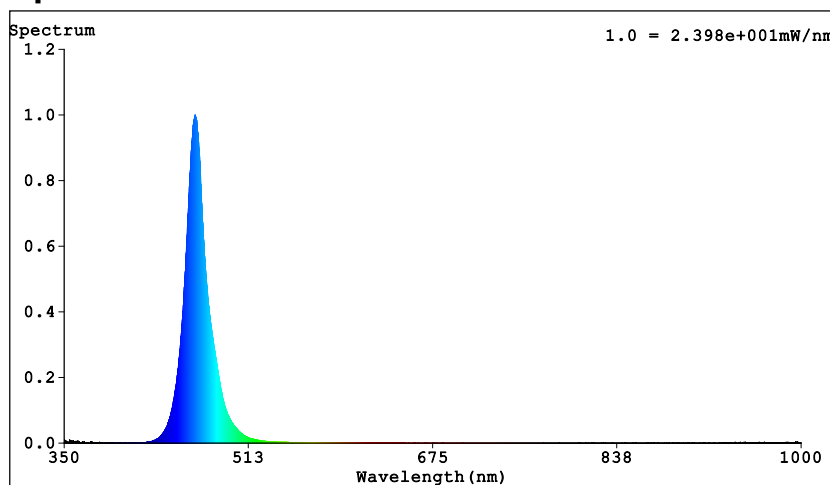
Spectrum Test Report

Sample	:		Date	:	2024-04-26
Specification	:	S004060DA3SA1 B	Sam. Status	:	1M
Sample No.	:	10104-0459-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	DINGNANJUAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	40566 (62%)
Test Mode	:	Accuracy Test	T	:	206 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1322$ $y = 0.0652$ / $u' = 0.1503$ $v' = 0.1669$ ($duv = -1.58e-01$)

CCT>=100000K Prcp WL: Ld=469.6nm Purity=96.6%

Peak WL: Lp=466nm FWHM: =19.0nm Ratio:R=0.5% G=15.7% B=83.7%

Render Index: Ra = 0.7 TM30:Rf=0 Rg=-78

R1 =0	R2 =0	R3 =0	R4 =0	R5 =5	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 = 0.9

Photometric & Radiometric Parameters

Flux = 41.800 lm Eff. : 10.48 lm/W Fe = 585.59 mW

EEL: 0.51554 B

EEC: 10.5 G

Electrical parameters

V = 5.000 V I = 0.7978 A P = 3.989 W PF = 1.000

Freq=0.00 Hz

GBT5702

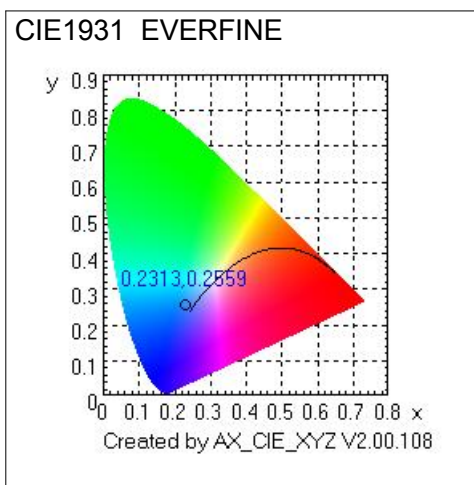
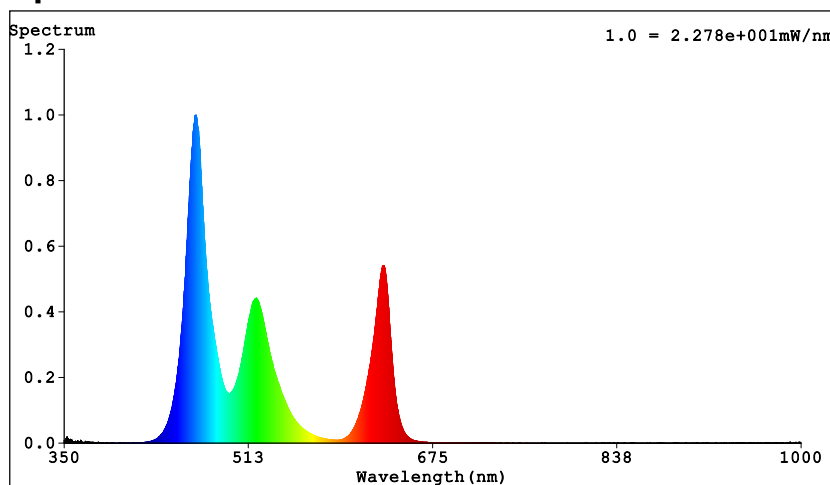
Spectrum Test Report

Sample	:		Date	:	2024-04-26
Specification	:	S004060DA3SA1 Mixed	Sam. Status	:	1M
Sample No.	:	10104-0459-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	DINGNANJUAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	47864 (73%)
Test Mode	:	Accuracy Test	T	:	256 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2313$ $y = 0.2559$ / $u' = 0.1650$ $v' = 0.4107$ ($duv=1.71e-02$)

CCT= 43800K Prcp WL: $L_d=481.1nm$ Purity=41.3%

Peak WL: $L_p=466nm$ FWHM: $=19.7nm$ Ratio:R=19.4% G=66.1% B=14.5%

Render Index: $R_a = 53.5$ TM30:Rf=49 Rg=105

R1 =45 R2 =59 R3 =69 R4 =64 R5 =66 R6 =59 R7 =54

R8 =12 R9 =0 R10=5 R11=65 R12=63 R13=43 R14=79 R15=23

LEVEL:OUT

TLCI Parameters: TLCI = 15.9

Photometric & Radiometric Parameters

Flux = 260.35 lm Eff. : 24.36 lm/W Fe = 1.1782 W

EEL: 0.39652 B

EEC: 24.4 G

Electrical parameters

V = 5.000 V I = 2.138 A P = 10.69 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

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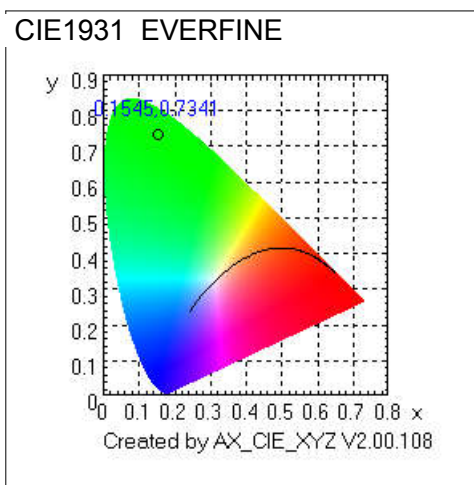
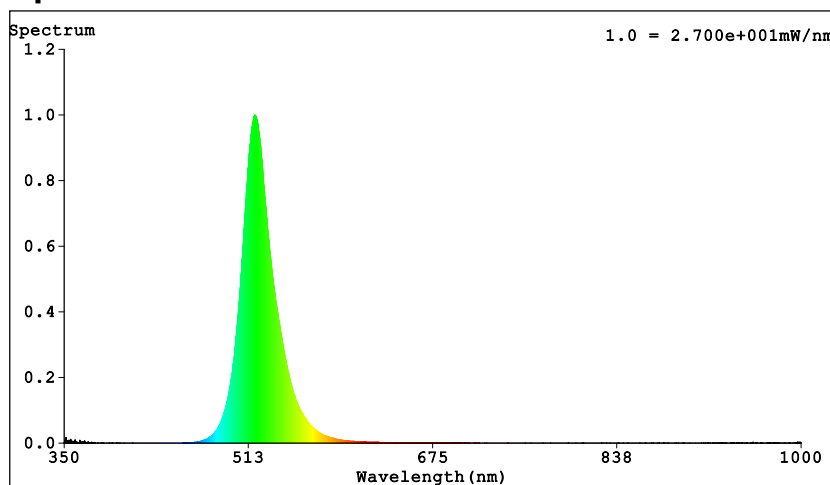
Spectrum Test Report

Sample	:		Date	:	2025-03-28
Specification	:	S007144DA3SA1 G	Sam. Status	:	1M
Sample No.	:	10104-0152-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	50173 (77%)
Test Mode	:	Accuracy Test	T	:	207 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1545$ $y = 0.7341$ / $u' = 0.0537$ $v' = 0.5745$ ($duv=1.63e-01$)

CCT= 8030K Prcp WL: Ld=524.9nm Purity=81.3%

Peak WL: Lp=518nm FWHM: =28.3nm Ratio:R=0.3% G=97.7% B=2.0%

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

TLCI Parameters: TLCI = 2.6

Photometric & Radiometric Parameters

Flux = 444.50 lm Eff. : 50.05 lm/W Fe = 935.56 mW

EEL: 0.22018 A

EEC: 50.1 G

Electrical parameters

V = 5.000 V I = 1.776 A P = 8.881 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

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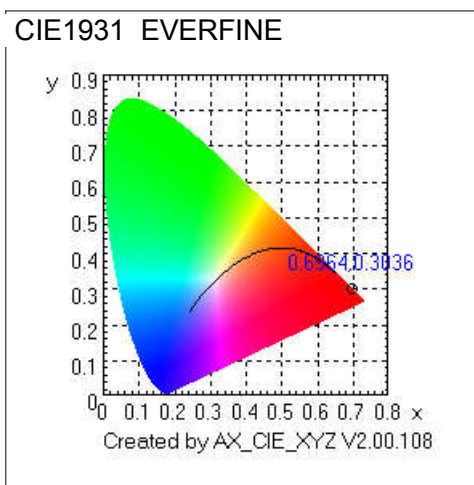
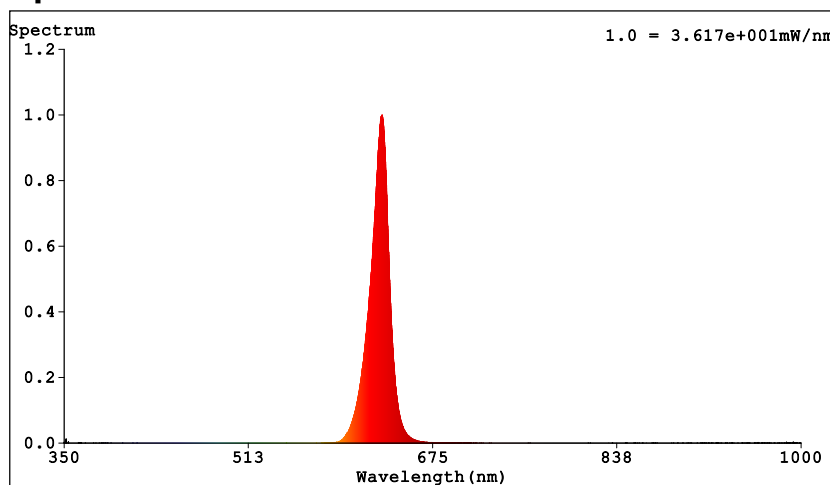
Spectrum Test Report

Sample	:		Date	:	2025-03-28
Specification	:	S007144DA3SA1 R	Sam. Status	:	1M
Sample No.	:	10104-0152-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	50207 (77%)
Test Mode	:	Accuracy Test	T	:	186 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6964$ $y = 0.3036$ / $u' = 0.5305$ $v' = 0.5204$ ($duv = -8.27e-02$)

CCT= 1001K Prcp WL: $L_d = 622.5nm$ Purity=100.0%

Peak WL: $L_p = 631nm$ FWHM: $= 16.7nm$ Ratio: R=98.5% G=1.5% B=-0.0%

Render Index: $R_a = 23.8$ TM30: $R_f = 1$ $R_g = 0$

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

R8 = 0 R9 = 0 R10 = 71 R11 = 0 R12 = 79 R13 = 26 R14 = 55 R15 = 0

LEVEL:OUT

TLCI Parameters: TLCI = 1.4

Photometric & Radiometric Parameters

Flux = 146.88 lm Eff. : 16.56 lm/W Fe = 718.82 mW

EEI: 0.49651 B

EEC: 16.6 G

Electrical parameters

V = 5.000 V I = 1.774 A P = 8.869 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

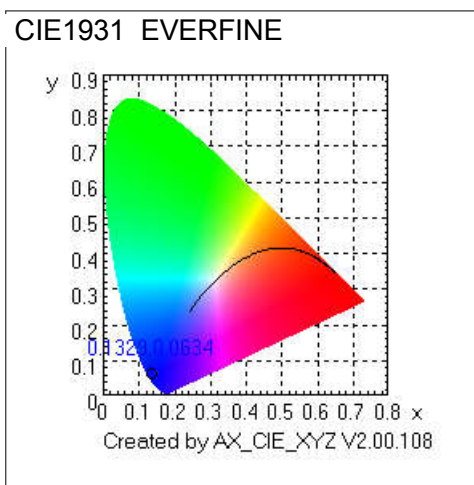
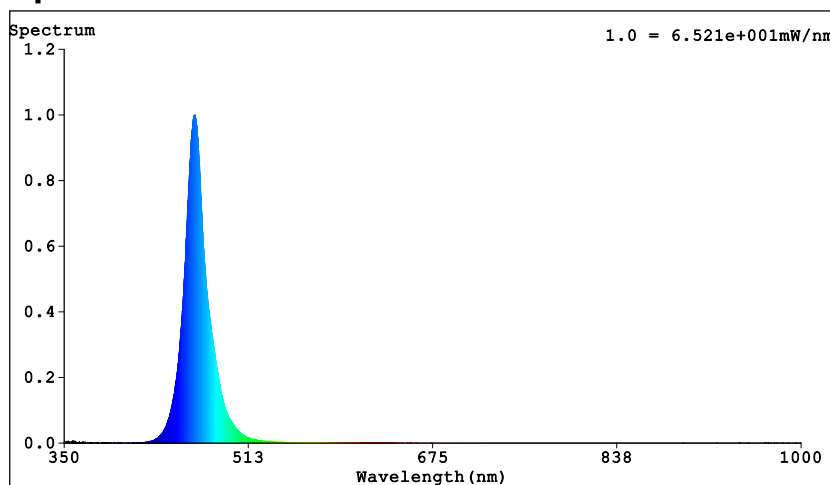
Spectrum Test Report

Sample	:		Date	:	2025-03-28
Specification	:	S007144DA3SA1 B	Sam. Status	:	1M
Sample No.	:	10104-0152-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	41756 (64%)
Test Mode	:	Accuracy Test	T	:	93 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1329$ $y = 0.0634$ / $u' = 0.1521$ $v' = 0.1633$ ($duv = -1.60e-01$)

CCT>=100000K Prcp WL: Ld=469.2nm Purity=96.7%

Peak WL: Lp=465nm FWHM: =18.9nm Ratio:R=0.5% G=15.4% B=84.1%

Render Index: Ra = 0.6 TM30:Rf=0 Rg=-87

R1 =0	R2 =0	R3 =0	R4 =0	R5 =5	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 = 0.9

Photometric & Radiometric Parameters

Flux = 112.23 lm Eff. : 12.63 lm/W Fe = 1.5979 W

EEL: 0.59932 B

EEC: 12.6 G

Electrical parameters

V = 5.000 V I = 1.777 A P = 8.883 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

<https://www.ipixelleds.com>

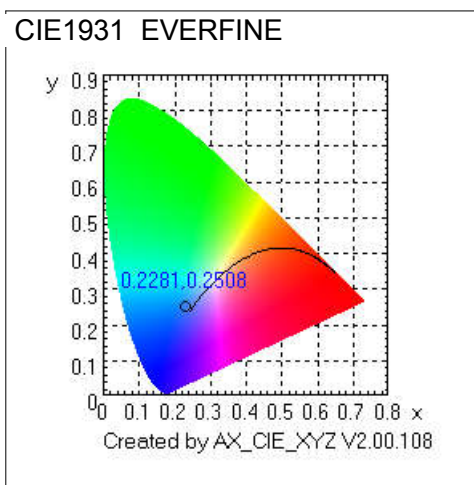
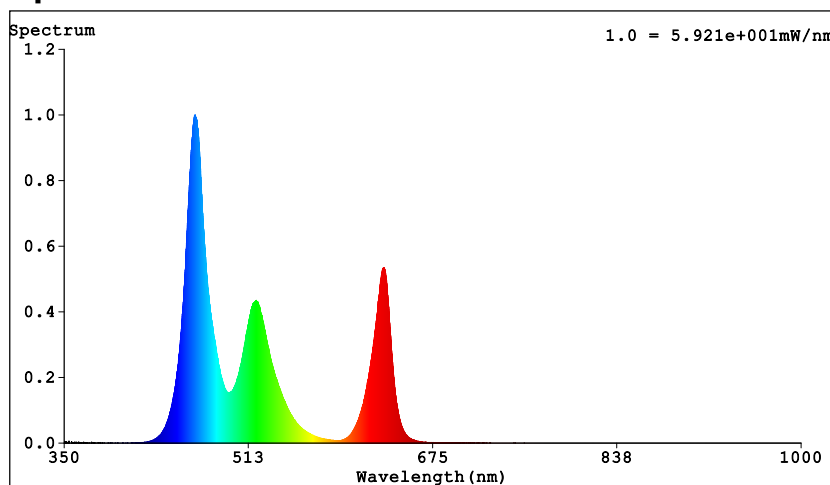
Spectrum Test Report

Sample	:		Date	:	2025-03-28
Specification	:	S007144DA3SA1 Mixed	Sam. Status	:	1M
Sample No.	:	10104-0152-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	49305 (75%)
Test Mode	:	Accuracy Test	T	:	121 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2281$ $y = 0.2508$ / $u' = 0.1643$ $v' = 0.4065$ ($duv=1.71e-02$)

CCT= 76880K Prpc WL: $L_d=480.7nm$ Purity=42.9%

Peak WL: $L_p=466nm$ FWHM: $=19.7nm$ Ratio:R=19.2% G=66.0% B=14.8%

Render Index: $R_a = 53.7$ TM30:Rf=49 Rg=105

R1 =46 R2 =59 R3 =68 R4 =64 R5 =67 R6 =60 R7 =55

R8 =12 R9 =0 R10=4 R11=66 R12=63 R13=43 R14=79 R15=23

LEVEL:OUT

TLCI Parameters: TLCI = 15.6

Photometric & Radiometric Parameters

Flux = 661.88 lm Eff. : 27.46 lm/W Fe = 3.0322 W

EEI: 0.43774 B

EEC: 27.5 G

Electrical parameters

V = 5.000 V I = 4.821 A P = 24.11 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

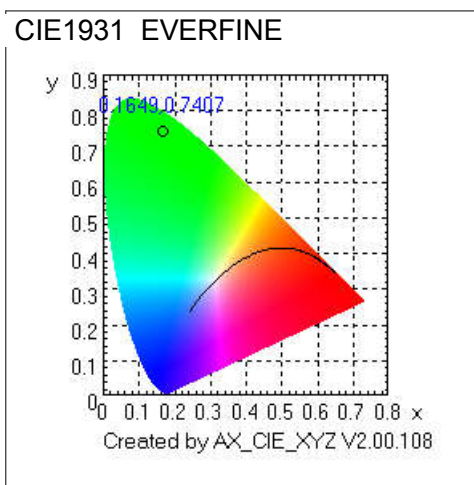
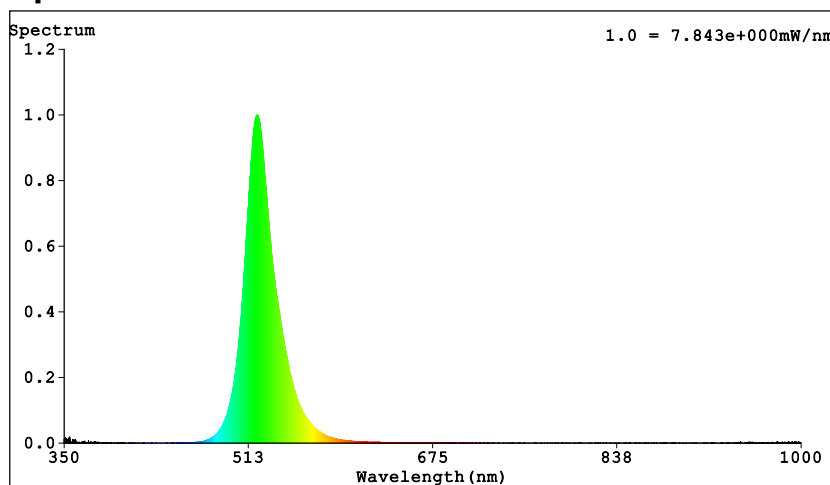
Spectrum Test Report

Sample	:		Date	:	2026-03-14
Specification	:	S004150UA3SA8 G	Sam. Status	:	1M
Sample No.	:	10104-0164-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	52871 (81%)
Test Mode	:	Fast Test	T	:	787 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1649$ $y = 0.7407$ / $u' = 0.0571$ $v' = 0.5767$ ($duv=1.61e-01$)

CCT= 7827K Prcp WL: Ld=527.3nm Purity=84.1%

Peak WL: Lp=520nm FWHM: =27.1nm 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=34 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 2.5

Photometric & Radiometric Parameters

Flux = 130.33 lm Eff. : 29.08 lm/W Fe = 263.58 mW

EEL: 0.27273 B

EEC: 29.1 G

Electrical parameters

V = 5.000 V I = 0.8963 A P = 4.482 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

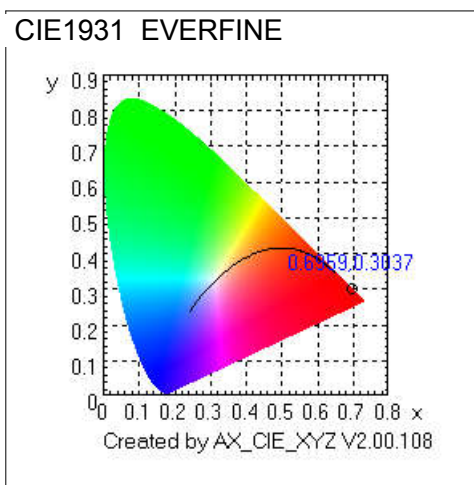
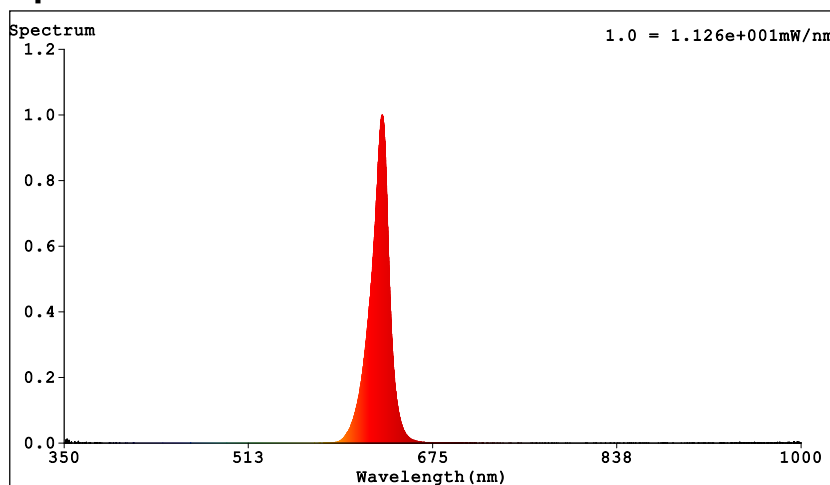
Spectrum Test Report

Sample	:		Date	:	2026-03-14
Specification	:	S004150UA3SA8 R	Sam. Status	:	1M
Sample No.	:	10104-0164-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	52305 (80%)
Test Mode	:	Fast Test	T	:	639 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6959$ $y = 0.3037$ / $u' = 0.5300$ $v' = 0.5204$ ($duv = -8.24e-02$)

CCT= 1001K Prcp WL: $L_d = 622.4nm$ Purity=99.9%

Peak WL: $L_p = 631nm$ FWHM: $= 15.7nm$ Ratio: R=98.3% G=1.7% B=0.0%

Render Index: $R_a = 24.1$ TM30: $R_f = 1$ $R_g = 0$

R1 =1	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

TLCI Parameters: TLCI = 1.6

Photometric & Radiometric Parameters

Flux = 43.938 lm Eff. : 9.80 lm/W $Fe = 215.69 mW$

EEL: 0.56125 B

EEC: 9.8 G

Electrical parameters

V = 5.000 V I = 0.8964 A P = 4.482 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

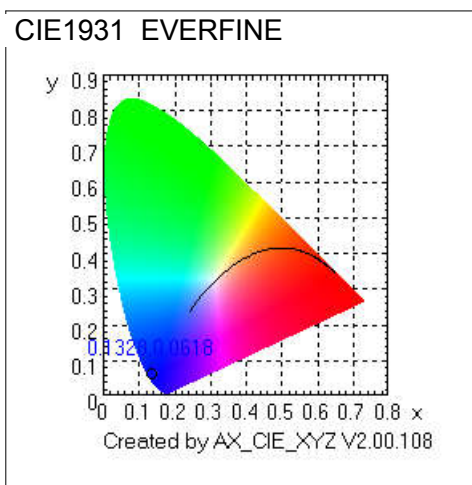
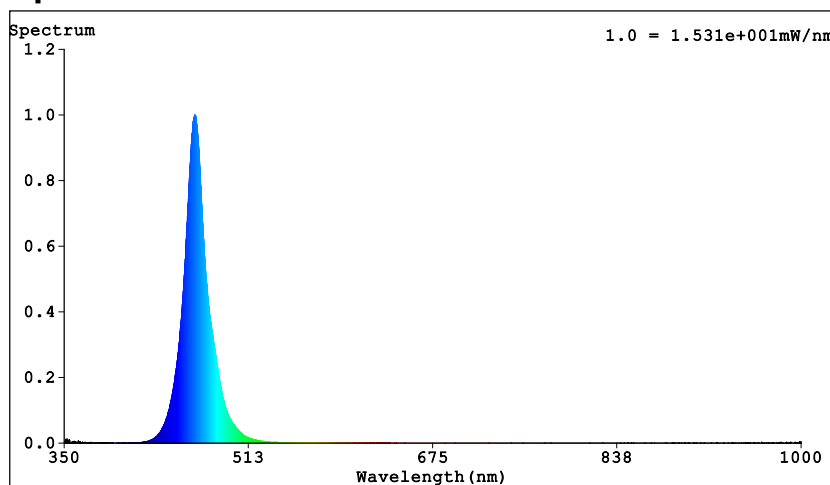
Spectrum Test Report

Sample	:		Date	:	2026-03-14
Specification	:	S004150UA3SA8 B	Sam. Status	:	1M
Sample No.	:	10104-0164-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	52507 (80%)
Test Mode	:	Fast Test	T	:	517 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1328$ $y = 0.0618$ / $u' = 0.1528$ $v' = 0.1600$ ($duv = -1.62e-01$)

CCT>=100000K Prcp WL: Ld=469.0nm Purity=97.0%

Peak WL: Lp=465nm FWHM: =19.6nm Ratio:R=0.3% G=13.8% B=85.8%

Render Index: Ra = 0.1 TM30:Rf=0 Rg=-59

R1 =0	R2 =0	R3 =0	R4 =0	R5 =1	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 = 0.7

Photometric & Radiometric Parameters

Flux = 26.688 lm Eff. : 5.98 lm/W Fe = 390.00 mW

EEL: 0.76286 C

EEC: 6.0 G

Electrical parameters

V = 5.000 V I = 0.8931 A P = 4.466 W PF = 1.000

Freq=0.00 Hz

GBT5702

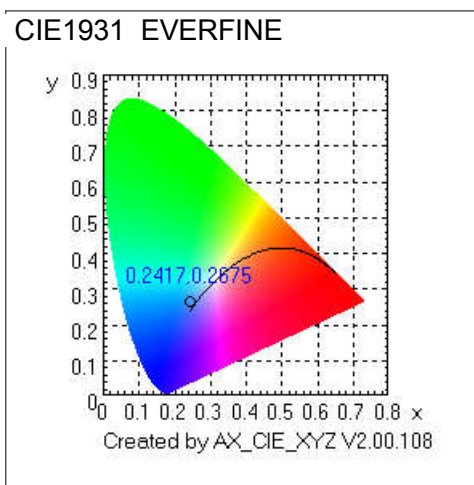
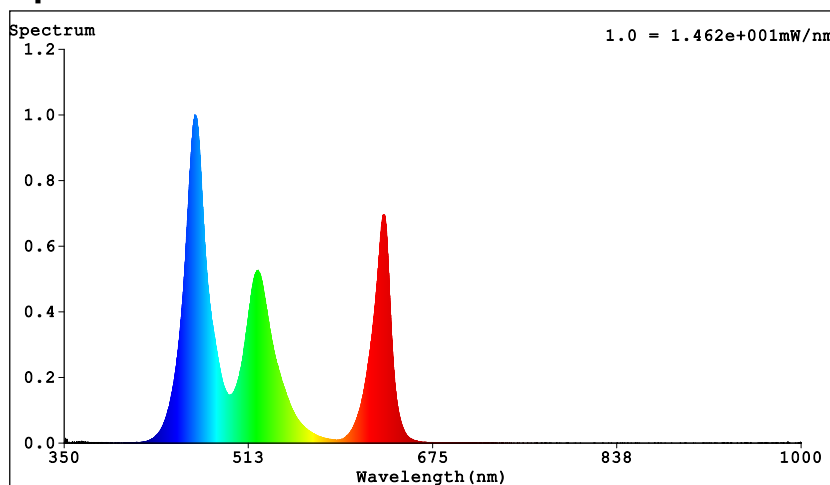
Spectrum Test Report

Sample	:		Date	:	2026-03-14
Specification	:	S004150UA3SA8 Mixed	Sam. Status	:	1M
Sample No.	:	10104-0164-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	50273 (77%)
Test Mode	:	Fast Test	T	:	517 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2417$ $y = 0.2675$ / $u' = 0.1688$ $v' = 0.4204$ ($duv=1.53e-02$)

CCT= 22096K Prcp WL: $L_d=481.8nm$ Purity=36.7%

Peak WL: $L_p=465nm$ FWHM: $=20.4nm$ Ratio:R=20.1% G=67.3% B=12.7%

Render Index: $R_a = 54.6$ TM30:Rf=52 Rg=108

R1 =43 R2 =65 R3 =75 R4 =63 R5 =64 R6 =63 R7 =57

R8 =7 R9 =0 R10=20 R11=57 R12=65 R13=44 R14=82 R15=22

LEVEL:OUT

TLCI Parameters: TLCI = 17.0

Photometric & Radiometric Parameters

Flux = 193.88 lm Eff. : 16.92 lm/W Fe = 839.23 mW

EEI: 0.52671 B

EEC: 16.9 G

Electrical parameters

V = 5.000 V I = 2.292 A P = 11.46 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

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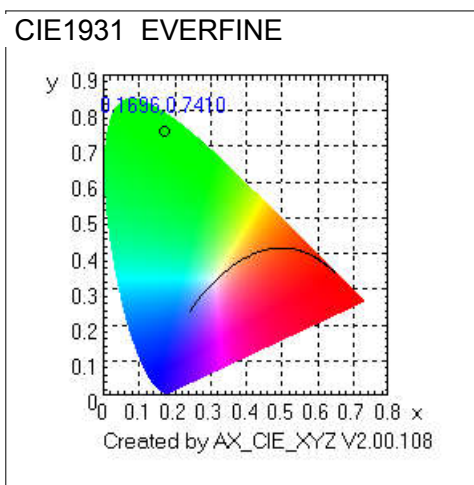
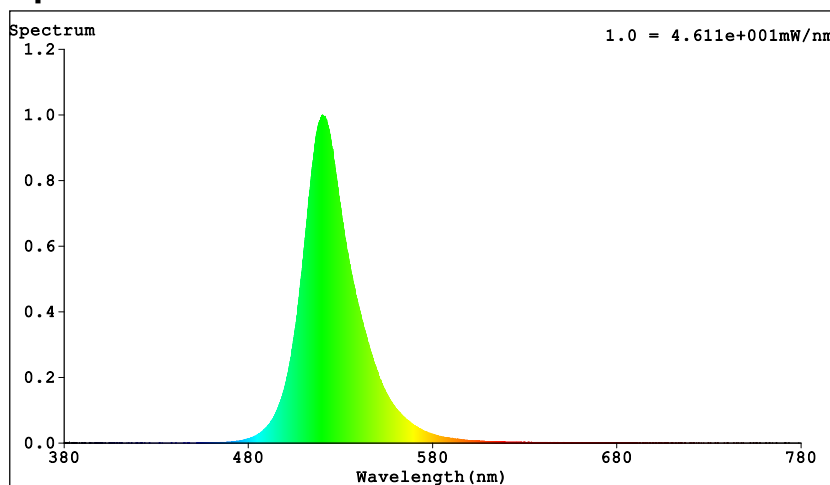
Spectrum Test Report

Sample	:		Date	:	2026-05-16
Specification	:	S012144CC3SB7 G	Sam. Status	:	1M
Sample No.	:	10104-1598-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	CJ

Test Condition

Temperature	:	20.0 °C	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	40023 (61%)
Test Mode	:	Fast Test	T	:	102 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1696$ $y = 0.7410$ / $u' = 0.0587$ $v' = 0.5773$ ($duv=1.59e-01$)

CCT= 7751K Prpc WL: Ld=528.2nm Purity=84.8%

Peak WL: Lp=520nm FWHM: =27.9nm Ratio:R=0.3% G=98.5% B=1.2%

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=33 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 2.5

Photometric & Radiometric Parameters

Flux = 785.39 lm Eff. : 88.21 lm/W Fe = 1.5638 W

EEL: 0.14100 A+

EEC: 88.2 F

Electrical parameters

V = 24.00 V I = 0.3710 A P = 8.903 W PF = 1.000

Freq=0.00 Hz

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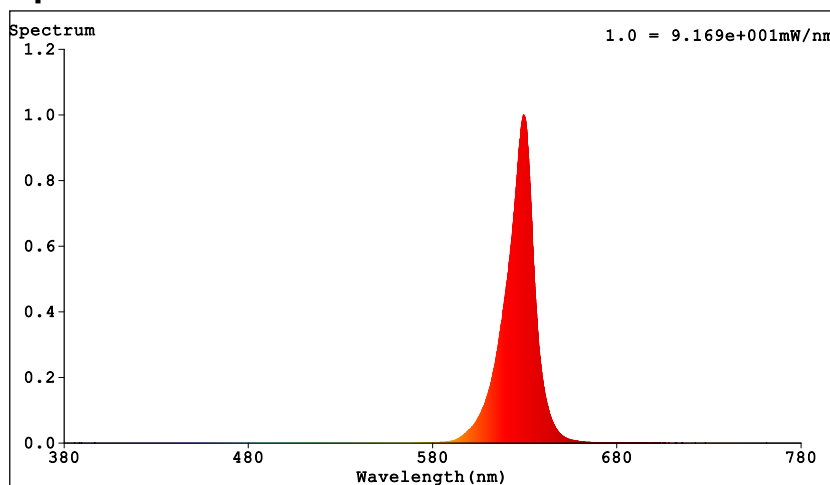
Spectrum Test Report

Sample	:		Date	:	2026-05-16
Specification	:	S012144CC3SB7 R	Sam. Status	:	1M
Sample No.	:	10104-1598-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	CJ

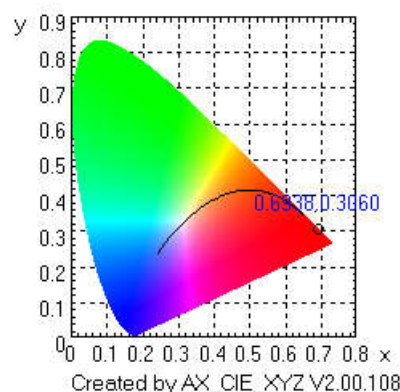
Test Condition

Temperature	:	20.0 °C	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	55493 (85%)
Test Mode	:	Fast Test	T	:	84 ms
			Sensitivity	:	High

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6938$ $y = 0.3060$ / $u' = 0.5252$ $v' = 0.5211$ ($duv = -7.76e-02$)

CCT= 1001K Prcp WL: $L_d = 621.2nm$ Purity=100.0%

Peak WL: $L_p = 630nm$ FWHM: $= 14.8nm$ Ratio: R=97.3% G=2.7% B=0.0%

Render Index: $R_a = 24.4$ TM30: $R_f = 1$ $R_g = 0$

R1 = 2 R2 = 78 R3 = 26 R4 = 0 R5 = 0 R6 = 90 R7 = 0

R8 = 0 R9 = 0 R10 = 71 R11 = 0 R12 = 79 R13 = 27 R14 = 57 R15 = 0

LEVEL:OUT

TLCI Parameters: TLCI = 1.8

Photometric & Radiometric Parameters

Flux = 355.69 lm Eff. : 39.84 lm/W $F_e = 1.6646 W$

EEL: 0.26237 B

EEC: 39.8 G

Electrical parameters

V = 24.00 V I = 0.3720 A P = 8.927 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

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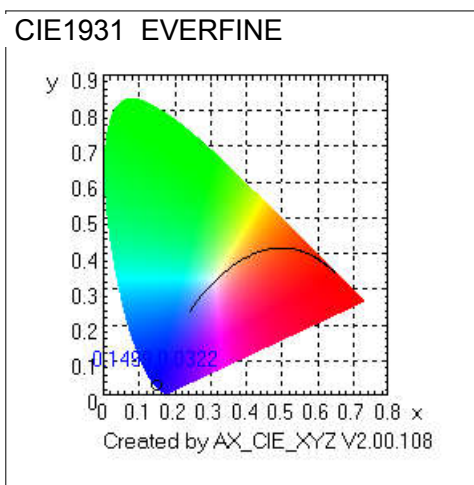
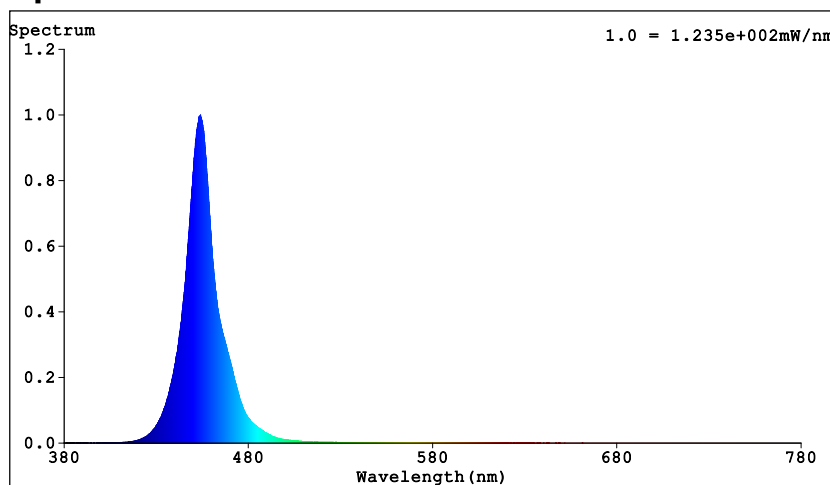
Spectrum Test Report

Sample	:		Date	:	2026-05-16
Specification	:	S012144CC3SB7 B	Sam. Status	:	1M
Sample No.	:	10104-1598-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	CJ

Test Condition

Temperature	:	20.0 °C	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	49048 (75%)
Test Mode	:	Fast Test	T	:	67 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1499$ $y = 0.0322$ / $u' = 0.1942$ $v' = 0.0940$ ($duv = -2.04e-01$)

CCT $\geq 100000K$ Prcp WL: $L_d = 458.2nm$ Purity = 98.3%

Peak WL: $L_p = 454nm$ FWHM: $= 15.8nm$ Ratio: $R = 0.9\%$ $G = 12.1\%$ $B = 87.1\%$

Render Index: $R_a = 1.1$ TM30: $R_f = 0$ $R_g = 26$

$R_1 = 0$	$R_2 = 0$	$R_3 = 0$	$R_4 = 0$	$R_5 = 8$	$R_6 = 0$	$R_7 = 0$	
$R_8 = 0$	$R_9 = 0$	$R_{10} = 0$	$R_{11} = 0$	$R_{12} = 0$	$R_{13} = 0$	$R_{14} = 0$	$R_{15} = 7$

LEVEL:OUT

TLCI Parameters: TLCI = 0.8

Photometric & Radiometric Parameters

Flux = 112.83 lm Eff. : 12.60 lm/W $F_e = 2.6484 W$

EEL: 0.60188 C

EEC: 12.6 G

Electrical parameters

$V = 24.00 V$ $I = 0.3731 A$ $P = 8.954 W$ PF = 1.000

Freq = 0.00 Hz

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iPixel LED

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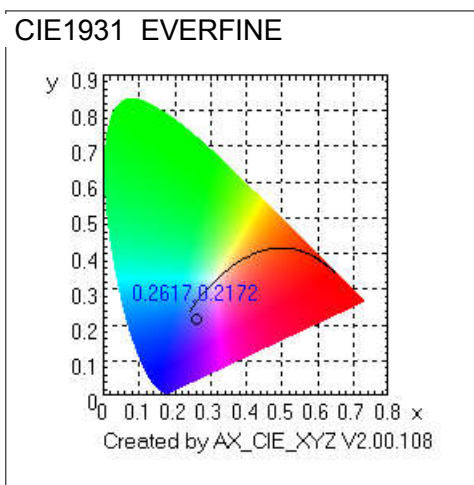
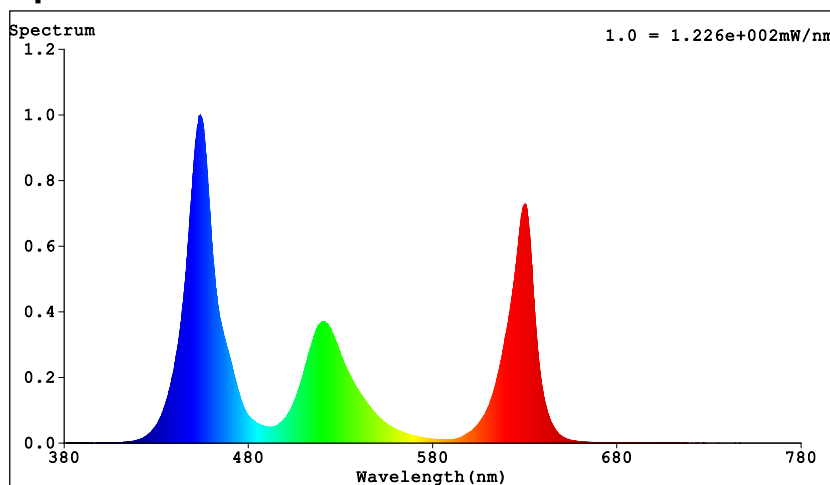
Spectrum Test Report

Sample	:		Date	:	2026-05-16
Specification	:	S012144CC3SB7 Mixed	Sam. Status	:	1M
Sample No.	:	10104-1598-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	CJ

Test Condition

Temperature	:	20.0 °C	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	48697 (74%)
Test Mode	:	Fast Test	T	:	67 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2617$ $y = 0.2172$ / $u' = 0.2060$ $v' = 0.3846$ ($duv = -2.71e-02$)

CCT>=100000K Prcp WL: Ld=459.2nm Purity=38.1%

Peak WL: Lp=454nm FWHM: =15.9nm Ratio:R=27.4% G=63.8% B=8.8%

Render Index: Ra = 31.7 TM30:Rf=50 Rg=136

R1 =0 R2 =58 R3 =54 R4 =1 R5 =26 R6 =59 R7 =56

R8 =0 R9 =0 R10=17 R11=0 R12=61 R13=10 R14=66 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 19.7

Photometric & Radiometric Parameters

Flux = 1234.0 lm Eff. : 51.91 lm/W Fe = 5.8253 W

EEL: 0.26015 B

EEC: 51.9 G

Electrical parameters

V = 24.00 V I = 0.9906 A P = 23.77 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

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