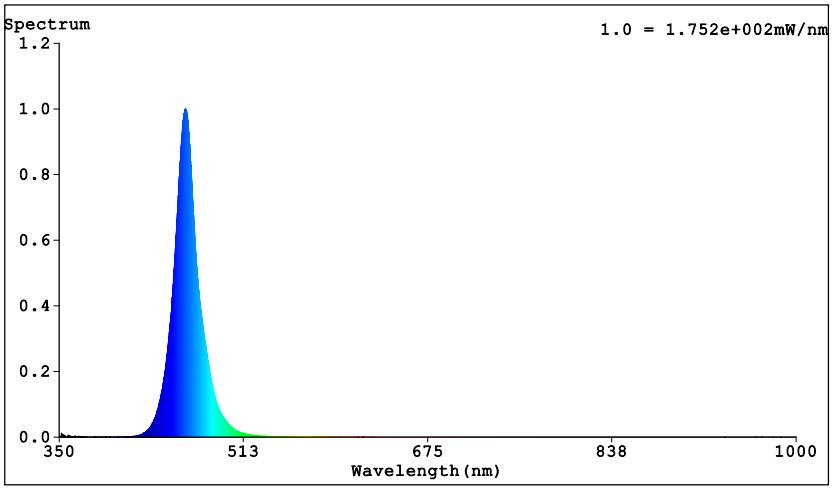
Spectrum Test Report

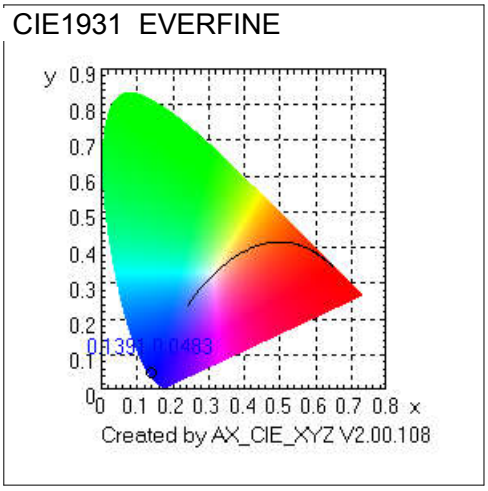
Sample	:	Date	: 2026-06-04
Specification	: S010060CC3PZ B	Sam. Status	: 3700MM
Sample No.	: 10103-0606-00	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: iPixel LED	Test by	: WXX

Test Condition

Temperature	: 25.3 ℃	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 57045 (87%)
Test Mode	: Fast Test	T	: 52 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.1391 y = 0.0483 / u' = 0.1686 v' = 0.1317 (duv=-1.79e-01)

CCT>=100000K Prcp WL: Ld=465.5nm Purity=97.6%

Peak WL: Lp=461nm FWHM: =20.6nm Ratio:R=0.3% G=11.3% B=88.4%

Render Index: Ra = 0.0 TM30:Rf=0 Rg=38

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=0	R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 0.6

Photometric & Radiometric Parameters

Flux = 262.51 lm Eff. : 16.29 lm/W Fe = 4.5467 W

EEI: 0.59418 B

EEC: 16.3 G

Electrical parameters

V = 24.00 V I = 0.6715 A P = 16.11 W PF = 1.000

Freq=0.00 Hz

GBT5702

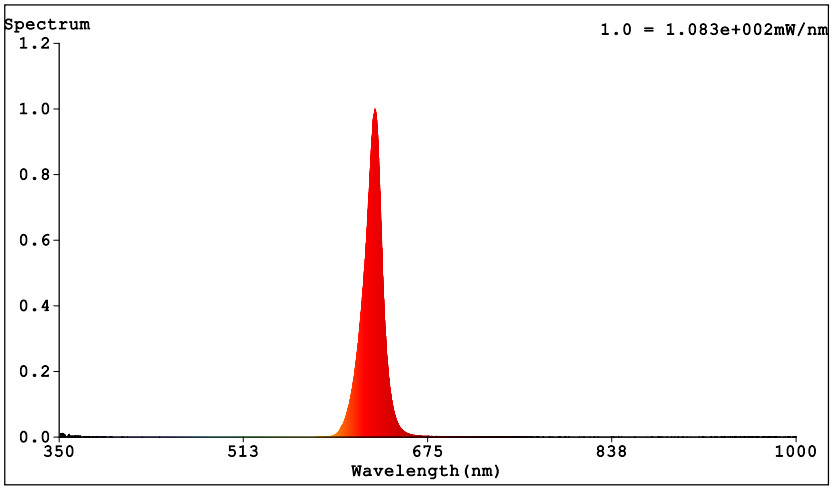
Spectrum Test Report

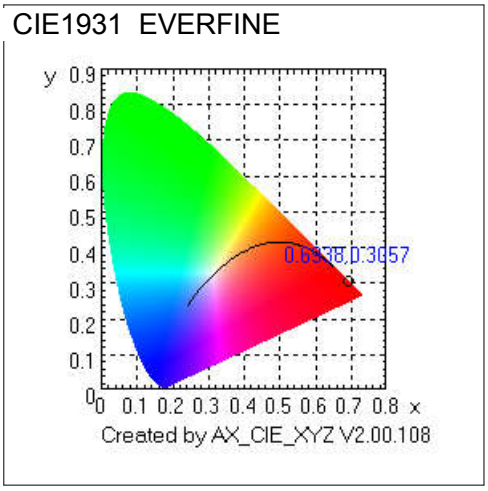
Sample	:	Date	: 2026-06-04
Specification	: S010060CC3PZ R	Sam. Status	: 3700MM
Sample No.	: 10103-0606-00	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: iPixel LED	Test by	: WXX

Test Condition

Temperature	: 25.3 ℃	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 40130 (61%)
Test Mode	: Fast Test	T	: 52 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.6938 y = 0.3057 / u' = 0.5255 v' = 0.5210 (duv=-7.79e-02)

CCT= 1001K Prcp WL: Ld=621.3nm Purity=99.9%

Peak WL: Lp=628nm FWHM: =16.2nm Ratio:R=98.3% G=1.7% B=0.0%

Render Index: Ra = 24.0 TM30:Rf=1 Rg=0

R1 =1	R2 =78	R3 =23	R4 =0	R5 =0	R6 =90	R7 =0	
R8 =0	R9 =0	R10=71	R11=0	R12=79	R13=27	R14=55	R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 1.5

Photometric & Radiometric Parameters

Flux = 452.66 lm Eff. : 29.50 lm/W Fe = 2.1292 W

EEI: 0.37520 B

EEC: 29.5 G

Electrical parameters

V = 24.00 V I = 0.6395 A P = 15.35 W PF = 1.000

Freq=0.00 Hz

GBT5702

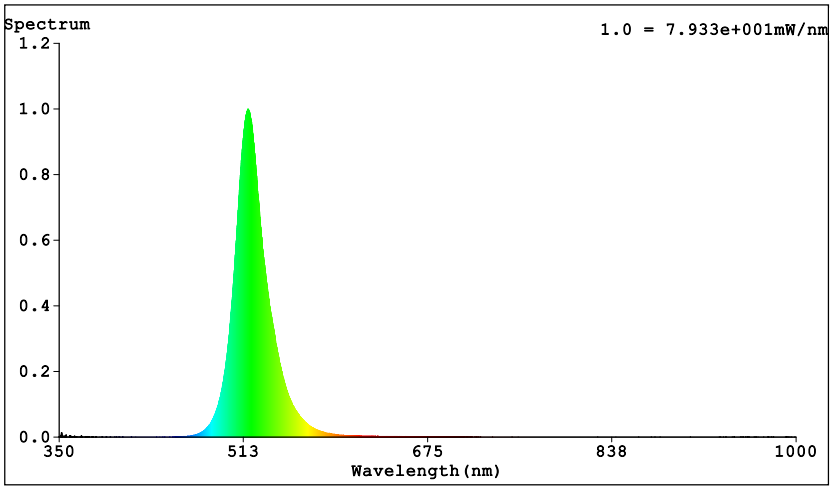
Spectrum Test Report

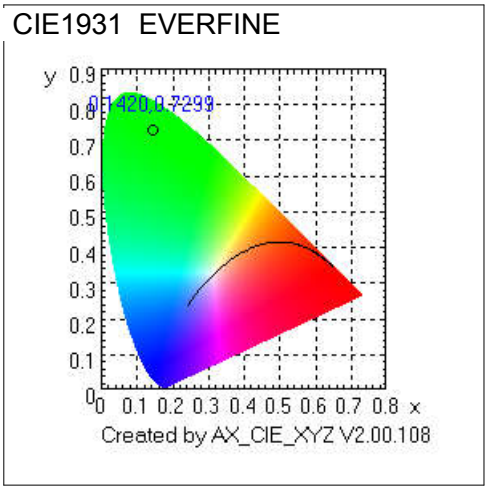
Sample	:	Date	: 2026-06-04
Specification	: S010060CC3PZ G	Sam. Status	: 3700MM
Sample No.	: 10103-0606-00	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: iPixel LED	Test by	: WXX

Test Condition

Temperature	: 25.3 ℃	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 53438 (82%)
Test Mode	: Fast Test	T	: 82 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.1420 y = 0.7299 / u' = 0.0495 v' = 0.5725 (duv=1.66e-01)

CCT= 8265K Prcp WL: Ld=522.3nm Purity=79.4%

Peak WL: Lp=517nm FWHM: =27.6nm Ratio:R=0.3% G=97.2% B=2.5%

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 = 1229.3 lm Eff. : 67.96 lm/W Fe = 2.6831 W

EEI: 0.19859 A

EEC: 68.0 G

Electrical parameters

V = 24.00 V I = 0.7538 A P = 18.09 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

https://www.ipixelleds.com

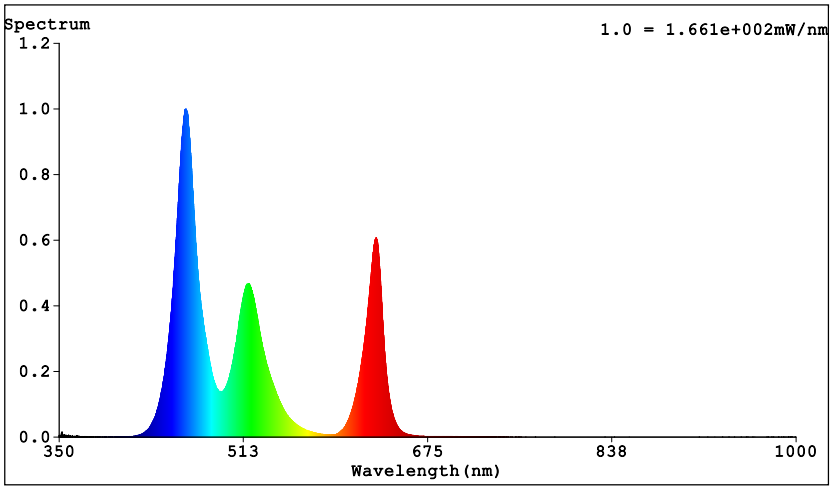
Spectrum Test Report

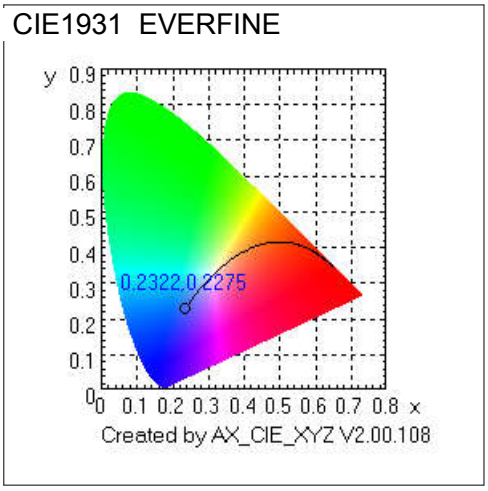
Sample	:	Date	: 2026-06-04
Specification	: S010060CC3PZ Mixed	Sam. Status	: 3700MM
Sample No.	: 10103-0606-00	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: iPixel LED	Test by	: WXX

Test Condition

Temperature	: 25.3 ℃	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 54213 (83%)
Test Mode	: Fast Test	T	: 52 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.2322 y = 0.2275 / u' = 0.1764 v' = 0.3888 (duv=-7.95e-03)

CCT>=100000K Prcp WL: Ld=476.1nm Purity=44.5%

Peak WL: Lp=462nm FWHM: =21.1nm Ratio:R=22.1% G=64.2% B=13.6%

Render Index: Ra = 46.0 TM30:Rf=48 Rg=117

R1 =28 R2 =54 R3 =69 R4 =51 R5 =51 R6 =52 R7 =59

R8 =3 R9 =0 R10=0 R11=35 R12=60 R13=30 R14=78 R15=8

LEVEL:OUT

TLCI Parameters: TLCI = 16.4

Photometric & Radiometric Parameters

Flux = 1870.7 lm Eff. : 38.80 lm/W Fe = 8.9839 W

EEI: 0.35112 B

EEC: 38.8 G

Electrical parameters

V = 24.00 V I = 2.009 A P = 48.22 W PF = 1.000

Freq=0.00 Hz

GBT5702

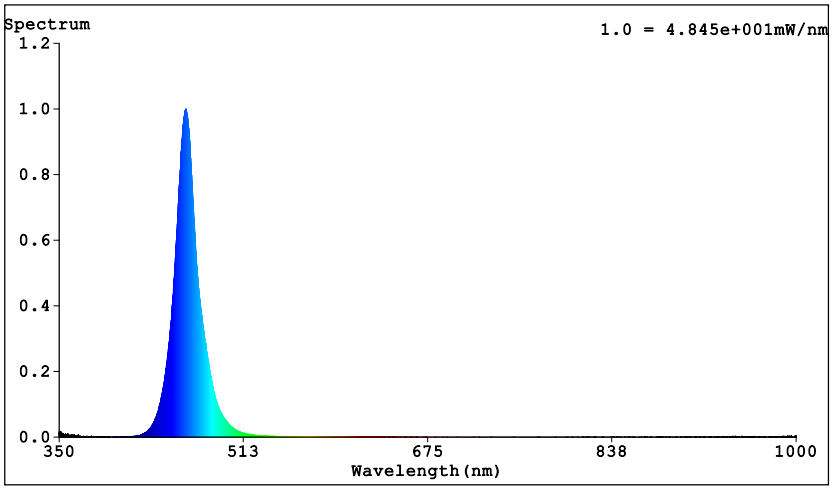
Spectrum Test Report

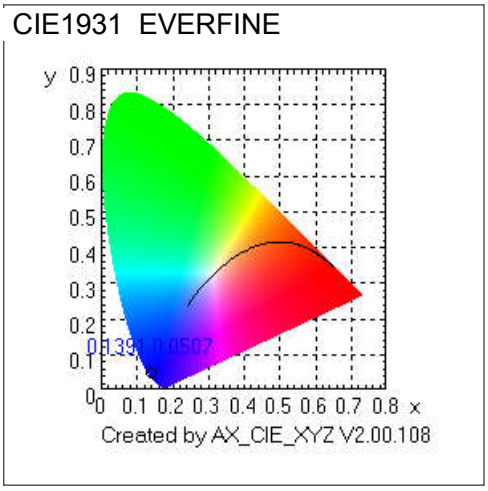
Sample	:	Date	: 2026-06-16
Specification	: S010060CA3PZ B	Sam. Status	: 1M
Sample No.	: 10103-0100-00	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: iPixel LED	Test by	: CJ

Test Condition

Temperature	: 25.3 ℃	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 39652 (61%)
Test Mode	: Fast Test	T	: 131 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.1391 y = 0.0507 / u' = 0.1671 v' = 0.1370 (duv=-1.75e-01)

CCT>=100000K Prcp WL: Ld=466.0nm Purity=97.2%

Peak WL: Lp=462nm FWHM: =20.2nm Ratio:R=0.5% G=13.7% B=85.8%

Render Index: Ra = 0.5 TM30:Rf=0 Rg=74

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 = 0.8

Photometric & Radiometric Parameters

Flux = 74.901 lm Eff. : 13.41 lm/W Fe = 1.2527 W

EEI: 0.49497 B

EEC: 13.4 G

Electrical parameters

V = 4.999 V I = 1.117 A P = 5.586 W PF = 1.000

Freq=0.00 Hz

GBT5702

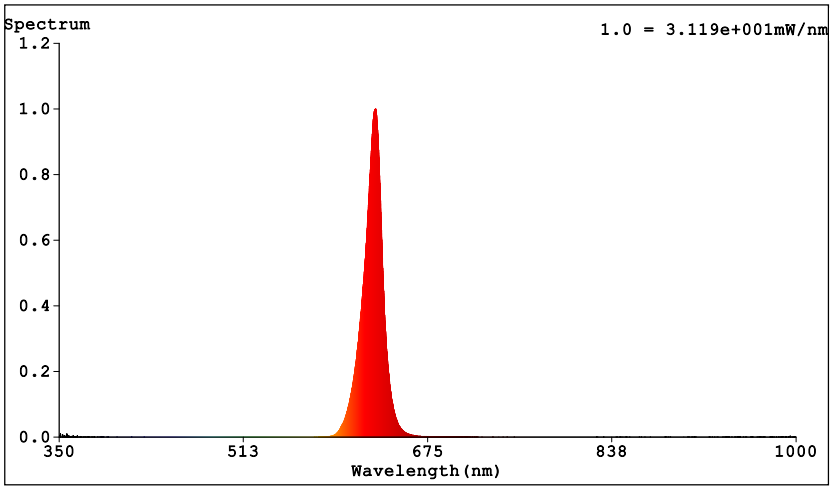
Spectrum Test Report

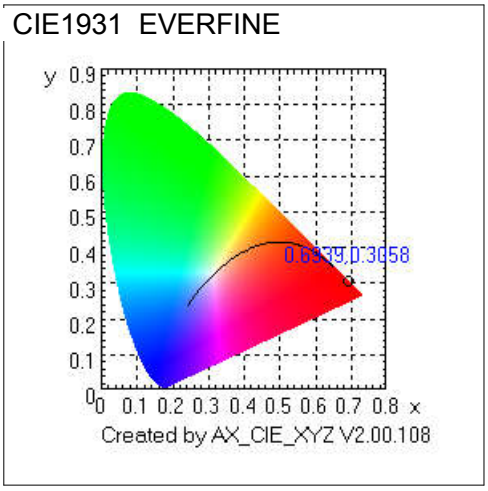
Sample	:	Date	: 2026-06-16
Specification	: S010060CA3PZ R	Sam. Status	: 1M
Sample No.	: 10103-0100-00	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: iPixel LED	Test by	: CJ

Test Condition

Temperature	: 25.3 ℃	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 53514 (82%)
Test Mode	: Fast Test	T	: 241 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.6939 y = 0.3058 / u' = 0.5255 v' = 0.5211 (duv=-7.79e-02)

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

Peak WL: Lp=629nm FWHM: =16.4nm Ratio:R=98.2% G=1.7% B=0.0%

Render Index: Ra = 23.9 TM30:Rf=1 Rg=0

R1 =1	R2 =77	R3 =24	R4 =0	R5 =0	R6 =90	R7 =0	
R8 =0	R9 =0	R10=71	R11=0	R12=79	R13=27	R14=55	R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 1.4

Photometric & Radiometric Parameters

Flux = 132.12 lm Eff. : 23.82 lm/W Fe = 619.77 mW

EEI: 0.33432 B

EEC: 23.8 G

Electrical parameters

V = 4.999 V I = 1.109 A P = 5.546 W PF = 1.000

Freq=0.00 Hz

GBT5702

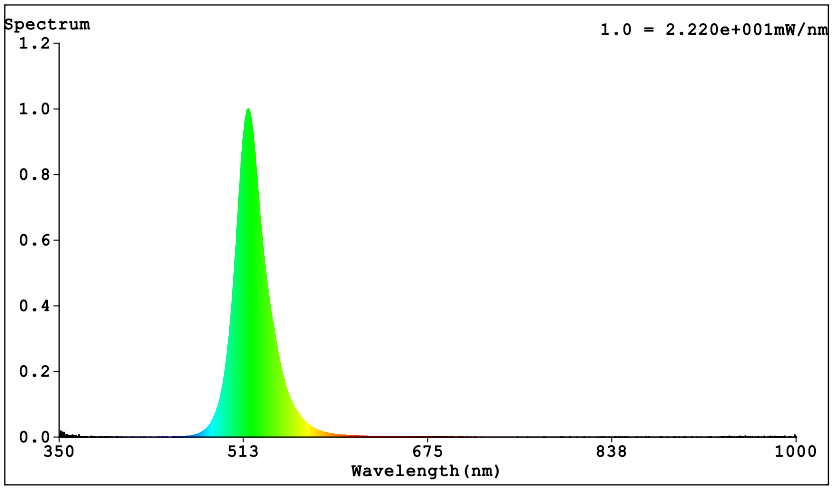
Spectrum Test Report

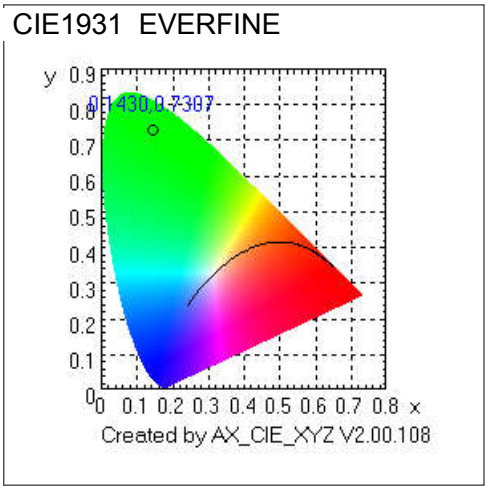
Sample	:	Date	: 2026-06-16
Specification	: S010060CA3PZ G	Sam. Status	: 1M
Sample No.	: 10103-0100-00	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: iPixel LED	Test by	: CJ

Test Condition

Temperature	: 25.3 ℃	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 44128 (67%)
Test Mode	: Fast Test	T	: 241 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.1430 y = 0.7307 / u' = 0.0498 v' = 0.5727 (duv=1.66e-01)

CCT= 8244K Prcp WL: Ld=522.5nm Purity=79.6%

Peak WL: Lp=517nm FWHM: =27.7nm Ratio:R=0.2% G=97.3% B=2.4%

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 = 2.5

Photometric & Radiometric Parameters

Flux = 346.07 lm Eff. : 57.17 lm/W Fe = 753.08 mW

EEI: 0.18163 A

EEC: 57.2 G

Electrical parameters

V = 4.999 V I = 1.211 A P = 6.053 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

https://www.ipixelleds.com

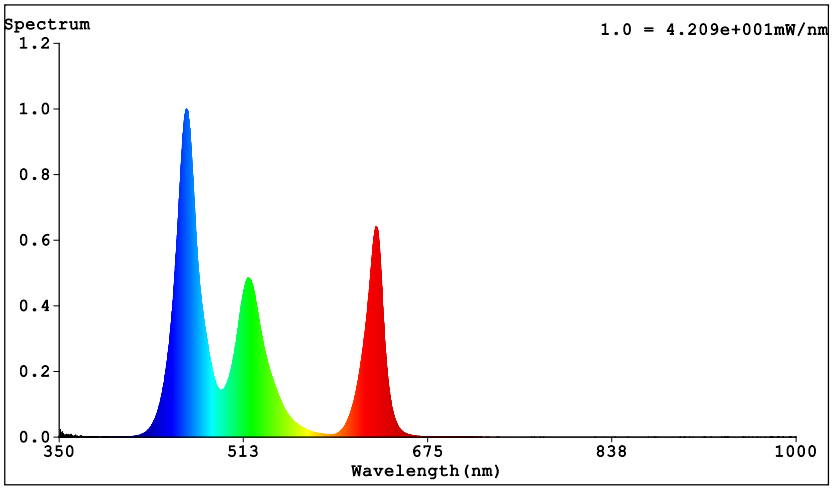
Spectrum Test Report

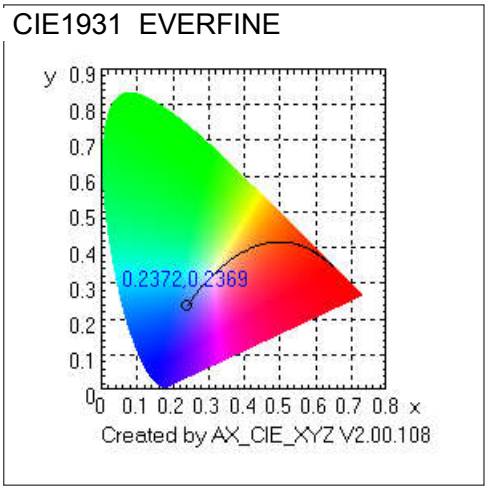
Sample	:	Date	: 2026-06-16
Specification	: S010060CA3PZ Mixed	Sam. Status	: 1M
Sample No.	: 10103-0100-00	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: iPixel LED	Test by	: CJ

Test Condition

Temperature	: 25.3 ℃	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 53690 (82%)
Test Mode	: Fast Test	T	: 202 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.2372 y = 0.2369 / u' = 0.1767 v' = 0.3972 (duv=-4.08e-03)

CCT>=100000K Prcp WL: Ld=476.9nm Purity=41.7%

Peak WL: Lp=463nm FWHM: =20.8nm Ratio:R=22.3% G=64.5% B=13.2%

Render Index: Ra = 45.2 TM30:Rf=48 Rg=115

R1 =27	R2 =56	R3 =70	R4 =47	R5 =50	R6 =54	R7 =58	
R8 =0	R9 =0	R10=0	R11=33	R12=61	R13=30	R14=78	R15=7

LEVEL:OUT

TLCI Parameters: TLCI = 16.5

Photometric & Radiometric Parameters

Flux = 499.07 lm Eff. : 32.21 lm/W Fe = 2.3357 W

EEI: 0.35123 B

EEC: 32.2 G

Electrical parameters

V = 4.999 V I = 3.099 A P = 15.49 W PF = 1.000

Freq=0.00 Hz

GBT5702

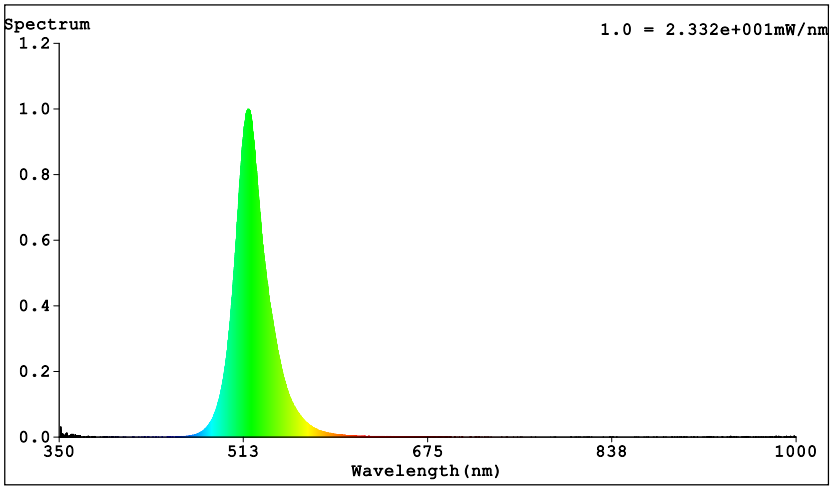
Spectrum Test Report

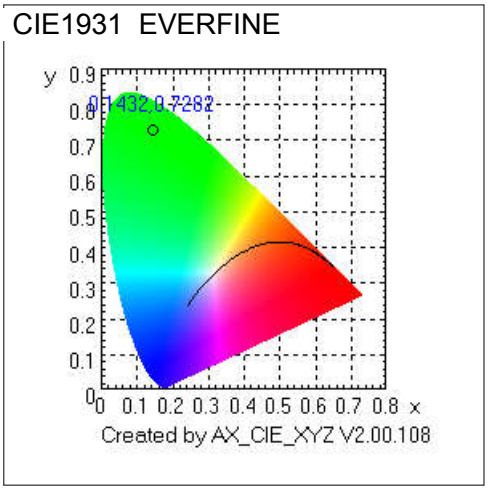
Sample	:	Date	: 2026-07-13
Specification	: S010060CB3PZ G	Sam. Status	: 1M
Sample No.	: 10103-0259-00	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: iPixel LED	Test by	: WHL

Test Condition

Temperature	: 25.3 ℃	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 40594 (62%)
Test Mode	: Fast Test	T	: 214 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.1432 y = 0.7282 / u' = 0.0500 v' = 0.5723 (duv=1.65e-01)

CCT= 8255K Prcp WL: Ld=522.4nm Purity=79.1%

Peak WL: Lp=517nm FWHM: =28.3nm Ratio:R=0.2% G=97.2% B=2.6%

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=35 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 2.6

Photometric & Radiometric Parameters

Flux = 368.60 lm Eff. : 67.92 lm/W Fe = 805.15 mW

EEI: 0.15525 A+

EEC: 67.9 G

Electrical parameters

V = 12.00 V I = 0.4523 A P = 5.427 W PF = 1.000

Freq=0.00 Hz

GBT5702

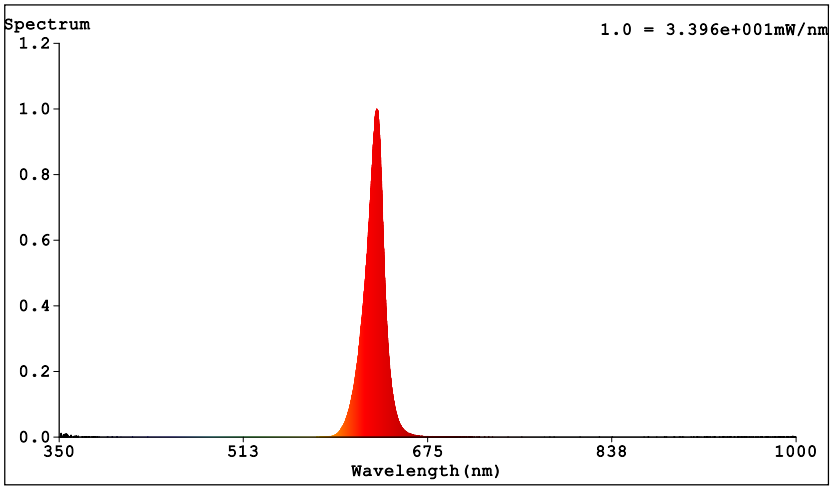
Spectrum Test Report

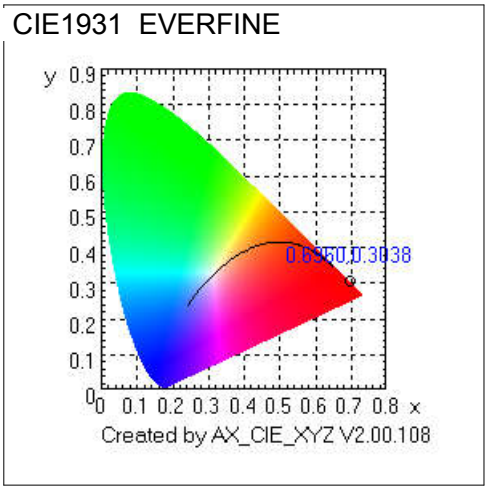
Sample	:	Date	: 2026-07-13
Specification	: S010060CB3PZ R	Sam. Status	: 1M
Sample No.	: 10103-0259-00	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: iPixel LED	Test by	: WHL

Test Condition

Temperature	: 25.3 ℃	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 51147 (78%)
Test Mode	: Fast Test	T	: 214 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.6960 y = 0.3038 / u' = 0.5299 v' = 0.5204 (duv=-8.23e-02)

CCT= 1001K Prcp WL: Ld=622.4nm Purity=100.0%

Peak WL: Lp=630nm FWHM: =16.6nm Ratio:R=98.5% G=1.5% B=0.0%

Render Index: Ra = 24.0 TM30:Rf=1 Rg=0

R1 =1	R2 =77	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 = 1.7

Photometric & Radiometric Parameters

Flux = 138.14 lm Eff. : 28.68 lm/W Fe = 678.09 mW

EEI: 0.28147 B

EEC: 28.7 G

Electrical parameters

V = 12.00 V I = 0.4014 A P = 4.816 W PF = 1.000

Freq=0.00 Hz

GBT5702

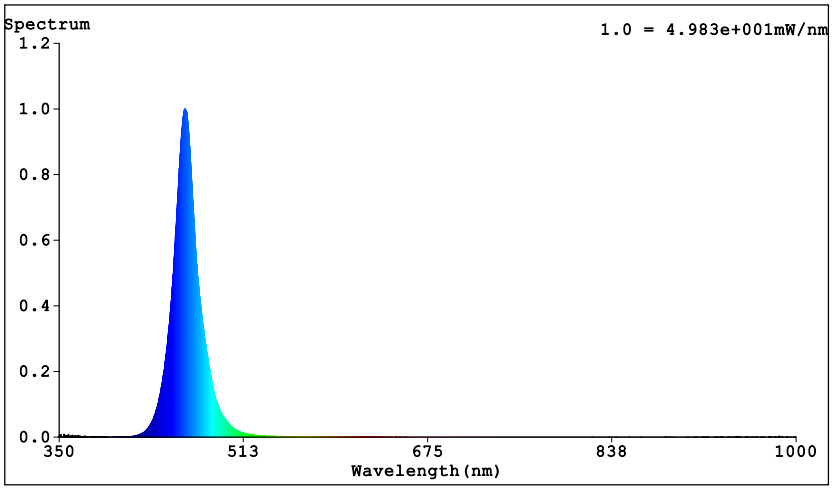
Spectrum Test Report

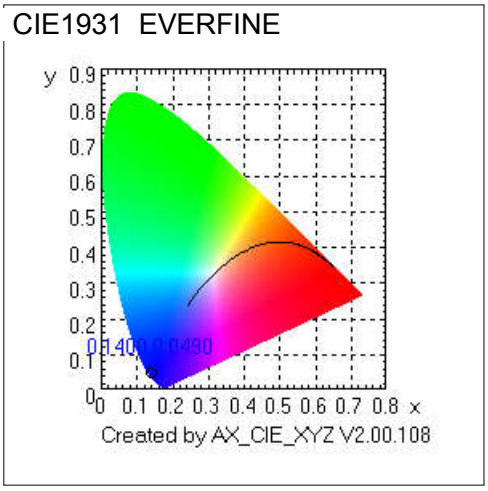
Sample	:	Date	: 2026-07-13
Specification	: S010060CB3PZ B	Sam. Status	: 1M
Sample No.	: 10103-0259-00	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: iPixel LED	Test by	: WHL

Test Condition

Temperature	: 25.3 ℃	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 53732 (82%)
Test Mode	: Fast Test	T	: 175 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.1400 y = 0.0490 / u' = 0.1692 v' = 0.1334 (duv=-1.77e-01)

CCT>=100000K Prcp WL: Ld=465.5nm Purity=97.3%

Peak WL: Lp=461nm FWHM: =21.4nm Ratio:R=0.5% G=13.5% B=86.1%

Render Index: Ra = 0.4 TM30:Rf=0 Rg=62

R1 =0 R2 =0 R3 =0 R4 =0 R5 =3 R6 =0 R7 =0

R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=1

LEVEL:OUT

TLCI Parameters: TLCI = 0.8

Photometric & Radiometric Parameters

Flux = 78.520 lm Eff. : 16.19 lm/W Fe = 1.3426 W

EEI: 0.41637 B

EEC: 16.2 G

Electrical parameters

V = 12.00 V I = 0.4041 A P = 4.849 W PF = 1.000

Freq=0.00 Hz

GBT5702

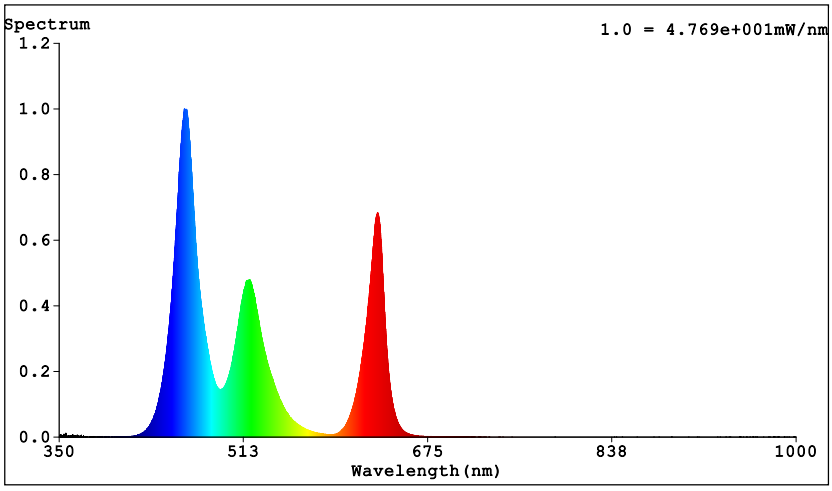
Spectrum Test Report

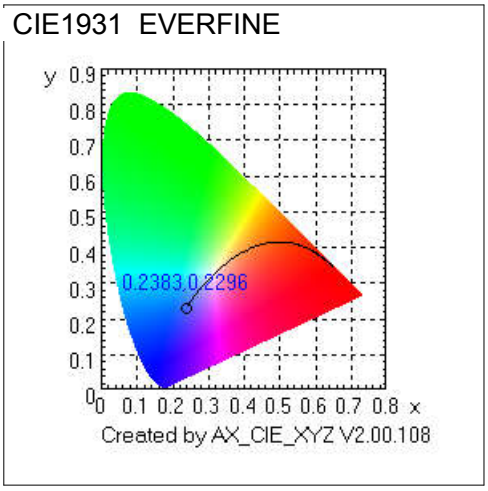
Sample	:	Date	: 2026-07-13
Specification	: S010060CB3PZ Mixed	Sam. Status	: 1M
Sample No.	: 10103-0259-00	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: iPixel LED	Test by	: WHL

Test Condition

Temperature	: 25.3 ℃	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 51726 (79%)
Test Mode	: Fast Test	T	: 175 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.2383 y = 0.2296 / u' = 0.1806 v' = 0.3915 (duv=-4.98e-03)

CCT>=100000K Prcp WL: Ld=475.2nm Purity=42.3%

Peak WL: Lp=461nm FWHM: =21.8nm Ratio:R=23.0% G=63.8% B=13.2%

Render Index: Ra = 42.3 TM30:Rf=46 Rg=119

R1 =21 R2 =53 R3 =70 R4 =42 R5 =44 R6 =51 R7 =57

R8 =0 R9 =0 R10=0 R11=24 R12=59 R13=25 R14=77 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 15.7

Photometric & Radiometric Parameters

Flux = 566.84 lm Eff. : 38.35 lm/W Fe = 2.7264 W

EEI: 0.30331 B

EEC: 38.4 G

Electrical parameters

V = 12.00 V I = 1.232 A P = 14.78 W PF = 1.000

Freq=0.00 Hz

GBT5702