

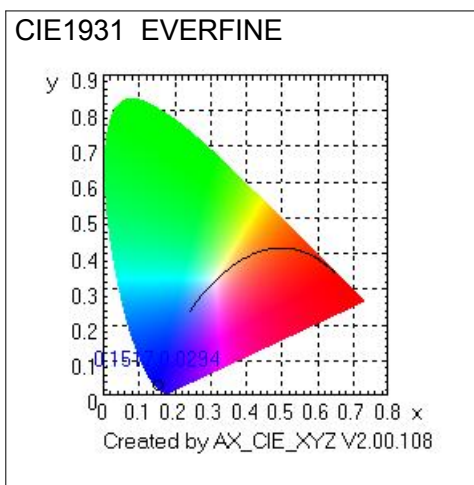
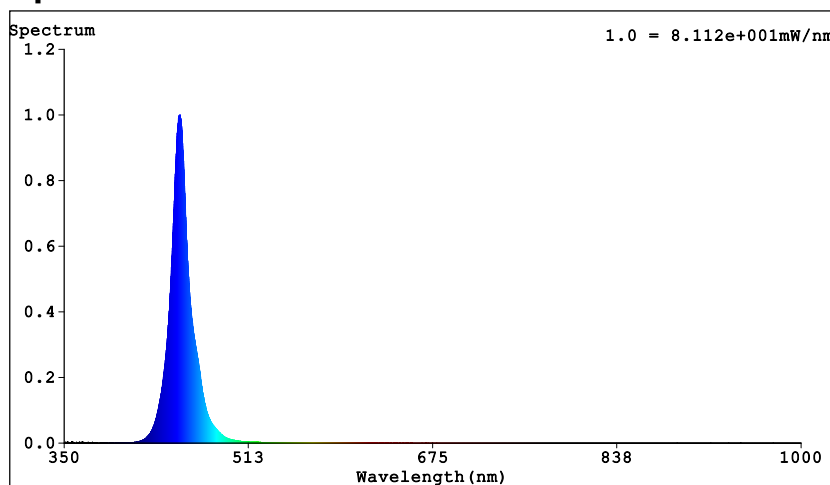
Spectrum Test Report

Sample	:		Date	:	2023-12-11
Specification	:	S0121134ZC3PZ B	Sam. Status	:	1M
Sample No.	:	10106-0159-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LEIXIAOLAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	49348 (75%)
Test Mode	:	Accuracy Test	T	:	82 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1517$ $y = 0.0294$ / $u' = 0.1990$ $v' = 0.0866$ ($duv = -2.09e-01$)

CCT>=100000K Prcp WL: Ld=456.5nm Purity=98.5%

Peak WL: Lp=452nm FWHM: =15.6nm Ratio:R=0.9% G=11.6% B=87.5%

Render Index: Ra = 1.1 TM30:Rf=0 Rg=20

R1 =0	R2 =0	R3 =0	R4 =0	R5 =9	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=0	R15=7

LEVEL:OUT

TLCI Parameters: TLCI = 0.7

Photometric & Radiometric Parameters

Flux = 67.160 lm Eff. : 12.96 lm/W Fe = 1.7099 W

EEI: 0.49355 B

EEC: 13.0 G

Electrical parameters

V = 24.00 V I = 0.2160 A P = 5.184 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

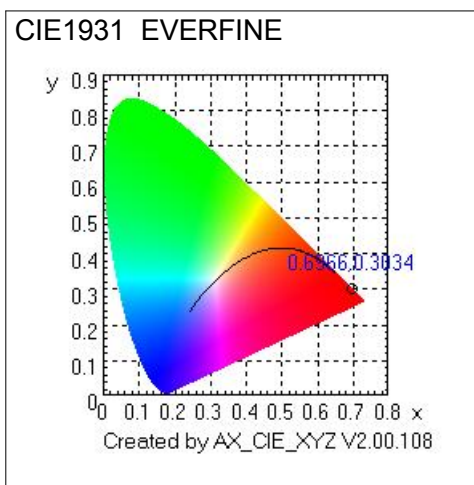
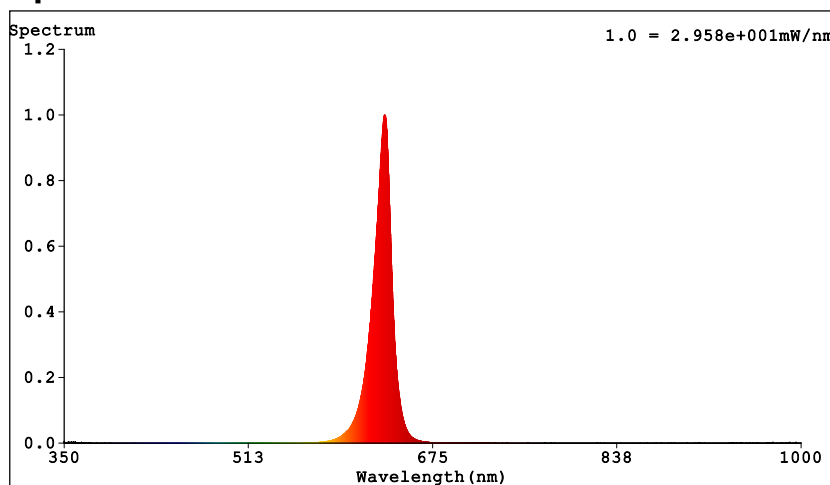
Spectrum Test Report

Sample	:		Date	:	2023-12-11
Specification	:	S0121134ZC3PZ R	Sam. Status	:	1M
Sample No.	:	10106-0159-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LEIXIAOLAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	49866 (76%)
Test Mode	:	Accuracy Test	T	:	190 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6966$ $y = 0.3034$ / $u' = 0.5310$ $v' = 0.5204$ ($duv = -8.28e-02$)

CCT= 1001K Prcp WL: $L_d = 622.6nm$ Purity=100.0%

Peak WL: $L_p = 633nm$ FWHM: $= 16.4nm$ Ratio: $R = 95.7\%$ $G = 4.3\%$ $B = -0.0\%$

Render Index: $R_a = 26.9$ TM30: $R_f = 1$ $R_g = 0$

R1 = 7	R2 = 78	R3 = 32	R4 = 0	R5 = 2	R6 = 88	R7 = 8
R8 = 0	R9 = 0	R10 = 71	R11 = 0	R12 = 79	R13 = 30	R14 = 60
R15 = 0						

LEVEL:OUT

TLCI Parameters: TLCI = 6.4

Photometric & Radiometric Parameters

Flux = 114.17 lm Eff. : 21.36 lm/W Fe = 590.96 mW

EEL: 0.35635 B

EEC: 21.4 G

Electrical parameters

V = 24.00 V I = 0.2227 A P = 5.344 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

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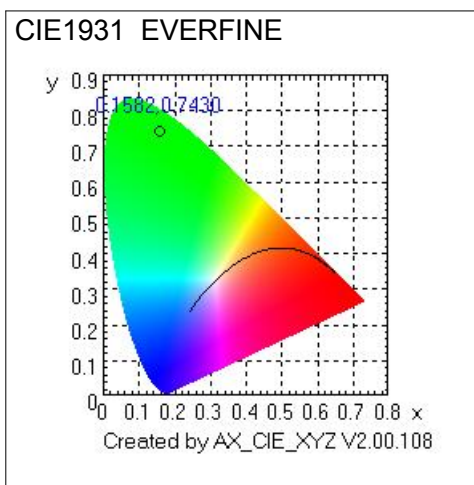
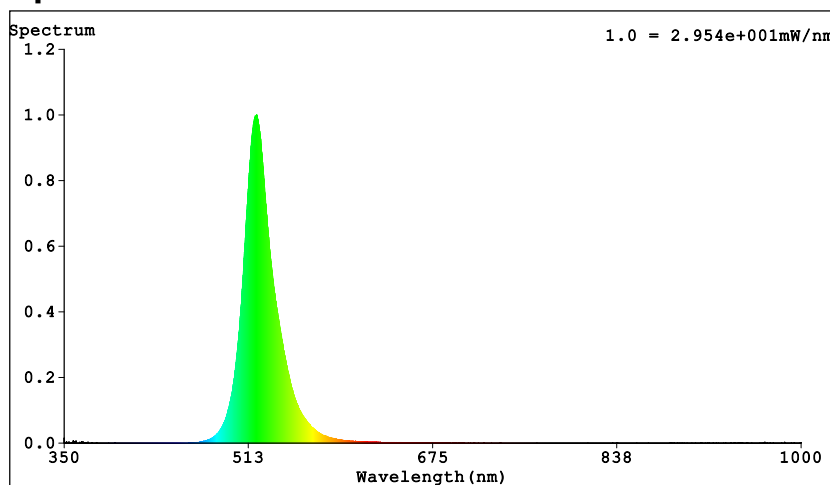
Spectrum Test Report

Sample	:		Date	:	2023-12-11
Specification	:	S0121134ZC3PZ G	Sam. Status	:	1M
Sample No.	:	10106-0159-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LEIXIAOLAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	50765 (77%)
Test Mode	:	Accuracy Test	T	:	153 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1582$ $y = 0.7430$ / $u' = 0.0546$ $v' = 0.5765$ ($duv=1.63e-01$)

CCT= 7922K Prpc WL: Ld=526.3nm Purity=83.9%

Peak WL: Lp=520nm FWHM: =26.3nm 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 = 2.5

Photometric & Radiometric Parameters

Flux = 470.55 lm Eff. : 88.80 lm/W Fe = 963.31 mW

EEI: 0.12572 A+

EEC: 88.8 F

Electrical parameters

V = 24.00 V I = 0.2208 A P = 5.299 W PF = 1.000

Freq=0.00 Hz

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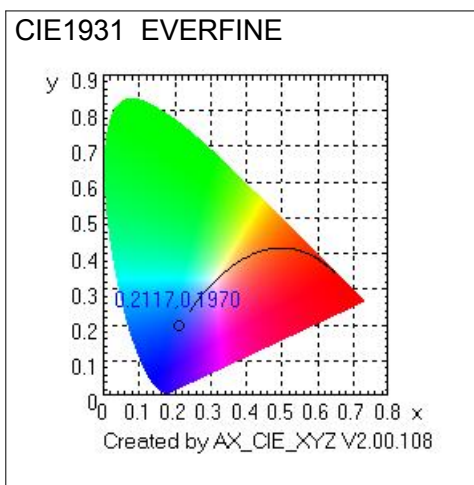
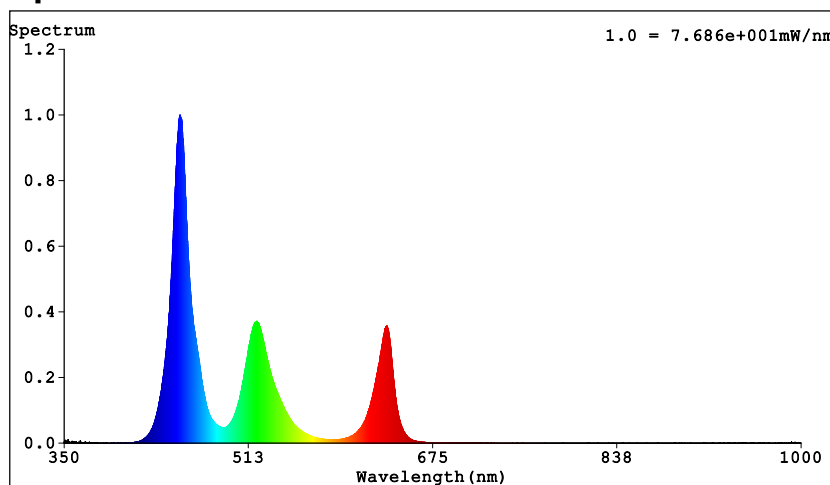
Spectrum Test Report

Sample	:		Date	:	2023-12-11
Specification	:	S0121134ZC3PZ Mixed	Sam. Status	:	1M
Sample No.	:	10106-0159-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LEIXIAOLAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	43483 (66%)
Test Mode	:	Accuracy Test	T	:	76 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2117$ $y = 0.1970$ / $u' = 0.1714$ $v' = 0.3589$ ($duv = -2.82e-02$)

CCT>=100000K Prpc WL: Ld=474.6nm Purity=54.7%

Peak WL: Lp=452nm FWHM: =16.3nm Ratio:R=16.0% G=73.6% B=10.4%

Render Index: Ra = 72.6 TM30:Rf=60 Rg=126

R1 =65 R2 =85 R3 =86 R4 =69 R5 =77 R6 =80 R7 =81

R8 =38 R9 =0 R10=64 R11=41 R12=73 R13=65 R14=89 R15=46

LEVEL:OUT

TLCI Parameters: TLCI = 21.2

Photometric & Radiometric Parameters

Flux = 631.08 lm Eff. : 39.99 lm/W Fe = 3.1824 W

EEI: 0.29759 B

EEC: 40.0 G

Electrical parameters

V = 24.00 V I = 0.6576 A P = 15.78 W PF = 1.000

Freq=0.00 Hz

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Spectrum Test Report

Sample :
Specification : S010840ZC3PZ G
Sample No. : 10106-0065-00
Manufacturer : iPixel LED

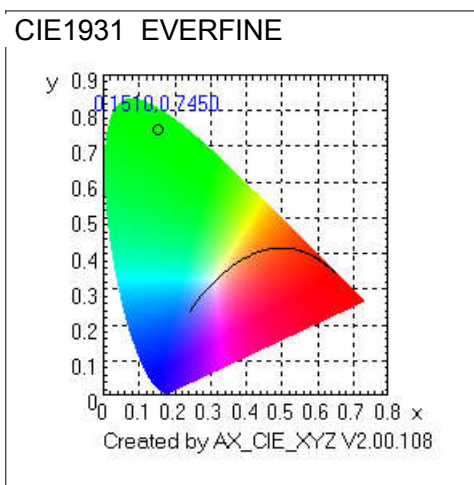
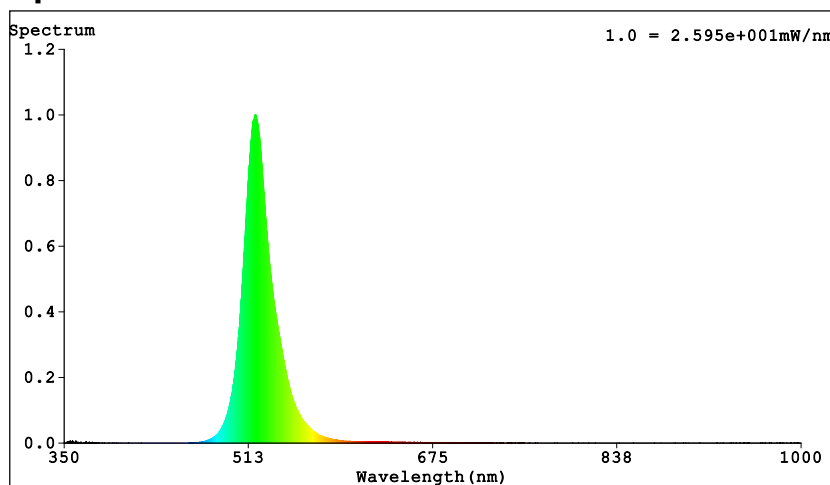
Date : 2025-03-05
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LINZINA

Test Condition

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

RH : 65.0%
IP : 49973 (76%)
T : 190 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1510$ $y = 0.7450$ / $u' = 0.0519$ $v' = 0.5761$ ($duv=1.65e-01$)

CCT= 8028K Prcp WL: Ld=525.1nm Purity=83.6%

Peak WL: Lp=518nm FWHM: =25.3nm Ratio:R=0.3% G=98.2% B=1.5%

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=30 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 2.6

Photometric & Radiometric Parameters

Flux = 393.48 lm Eff. : 103.64 lm/W Fe = 819.61 mW

EEL: 0.10334 A++ Highest

EEC: 103.6 F

Electrical parameters

V = 24.00 V I = 0.1582 A P = 3.796 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

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Spectrum Test Report

Sample :
Specification : S010840ZC3PZ R
Sample No. : 10106-0065-00
Manufacturer : iPixel LED

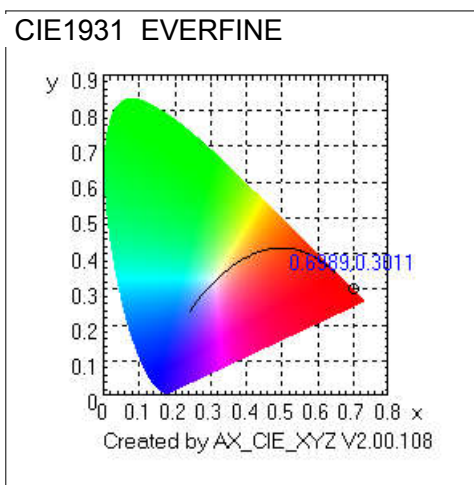
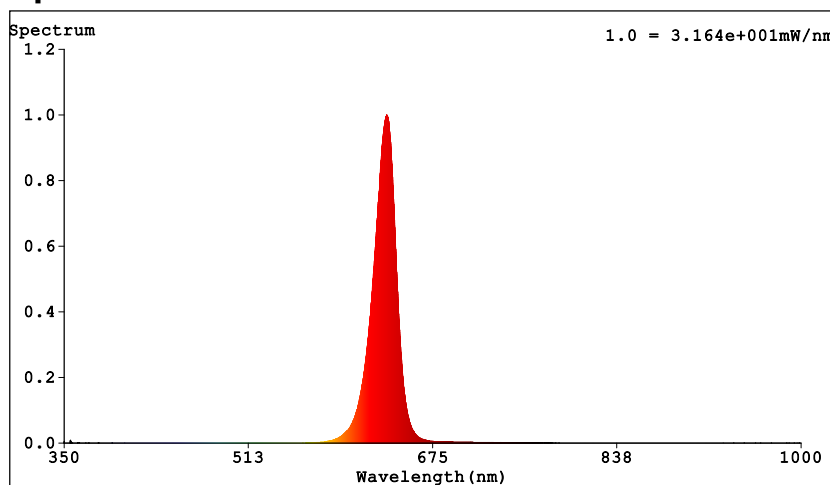
Date : 2025-03-05
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LINZINA

Test Condition

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

RH : 65.0%
IP : 49753 (76%)
T : 190 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6989$ $y = 0.3011$ / $u' = 0.5361$ $v' = 0.5196$ ($duv = -8.77e-02$)

CCT= 1001K Prcp WL: $L_d = 623.9nm$ Purity=100.0%

Peak WL: $L_p = 634nm$ FWHM: $=21.1nm$ Ratio: R=96.3% G=3.7% B=-0.0%

Render Index: $R_a = 26.8$ TM30: $R_f = 1$ $R_g = 0$

R1 =6 R2 =77 R3 =33 R4 =0 R5 =2 R6 =87 R7 =9

R8 =0 R9 =0 R10 =71 R11 =0 R12 =80 R13 =29 R14 =60 R15 =0

LEVEL:OUT

TLCI Parameters: TLCI = 4.0

Photometric & Radiometric Parameters

Flux = 137.85 lm Eff. : 25.83 lm/W $F_e = 771.99 mW$

EEL: 0.31235 B

EEC: 25.8 G

Electrical parameters

V = 24.00 V I = 0.2224 A P = 5.337 W PF = 1.000

Freq=0.00 Hz

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Spectrum Test Report

Sample :
Specification : S010840ZC3PZ B
Sample No. : 10106-0065-00
Manufacturer : iPixel LED

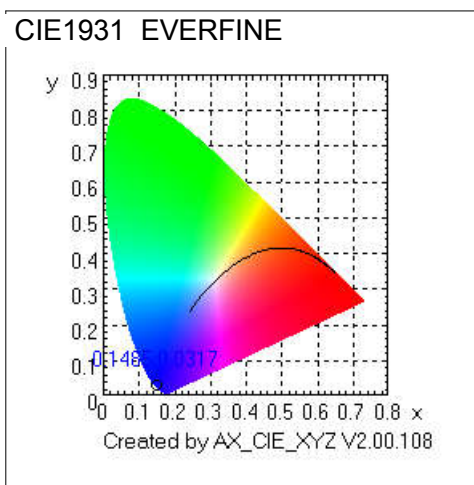
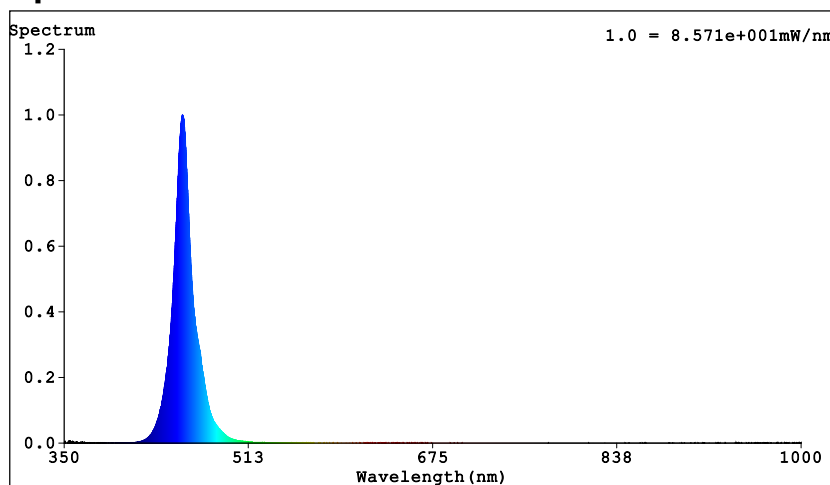
Date : 2025-03-05
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LINZINA

Test Condition

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

RH : 65.0%
IP : 46121 (70%)
T : 76 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1485$ $y = 0.0317$ / $u' = 0.1926$ $v' = 0.0925$ ($duv = -2.05e-01$)

CCT $\geq 100000K$ Prcp WL: $L_d = 458.6nm$ Purity = 98.7%

Peak WL: $L_p = 454nm$ FWHM: $= 15.9nm$ Ratio: R=0.6% G=7.3% B=92.1%

Render Index: $R_a = 0.2$ TM30: $R_f = 0$ $R_g = 15$

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 = 0.6

Photometric & Radiometric Parameters

Flux = 76.319 lm Eff. : 14.05 lm/W Fe = 1.8402 W

EEL: 0.47545 B

EEC: 14.0 G

Electrical parameters

V = 24.00 V I = 0.2264 A P = 5.433 W PF = 1.000

Freq = 0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S010840ZC3PZ Mixed
Sample No. : 10106-0065-00
Manufacturer : iPixel LED

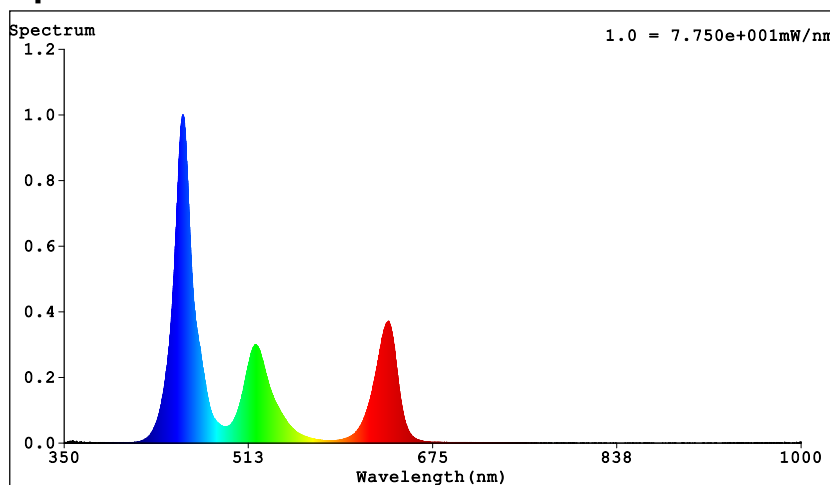
Date : 2025-03-05
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LINZINA

Test Condition

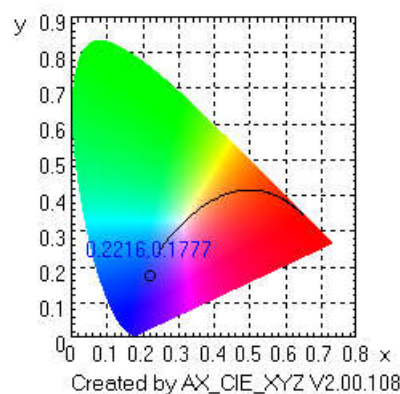
Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Accuracy Test

RH : 65.0%
IP : 41856 (64%)
T : 76 ms
Sensitivity : High

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2216$ $y = 0.1777$ / $u' = 0.1891$ $v' = 0.3411$ ($duv = -3.95e-02$)

CCT $\geq 100000K$ Prcp WL: $L_d = 467.9nm$ Purity = 54.7%

Peak WL: $L_p = 455nm$ FWHM: $= 16.1nm$ Ratio: R=21.7% G=65.5% B=12.8%

Render Index: $R_a = 46.9$ TM30: $R_f = 45$ $R_g = 141$

R1 = 23 R2 = 52 R3 = 81 R4 = 51 R5 = 46 R6 = 53 R7 = 69

R8 = 0 R9 = 0 R10 = 0 R11 = 27 R12 = 57 R13 = 24 R14 = 84 R15 = 0

LEVEL: OUT

TLCI Parameters: TLCI = 16.2

Photometric & Radiometric Parameters

Flux = 551.71 lm Eff. : 37.81 lm/W $Fe = 3.1477 W$

EEI: 0.30591 B

EEC: 37.8 G

Electrical parameters

V = 24.00 V I = 0.6081 A P = 14.59 W PF = 1.000

Freq = 0.00 Hz

GBT5702

iPixel LED

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