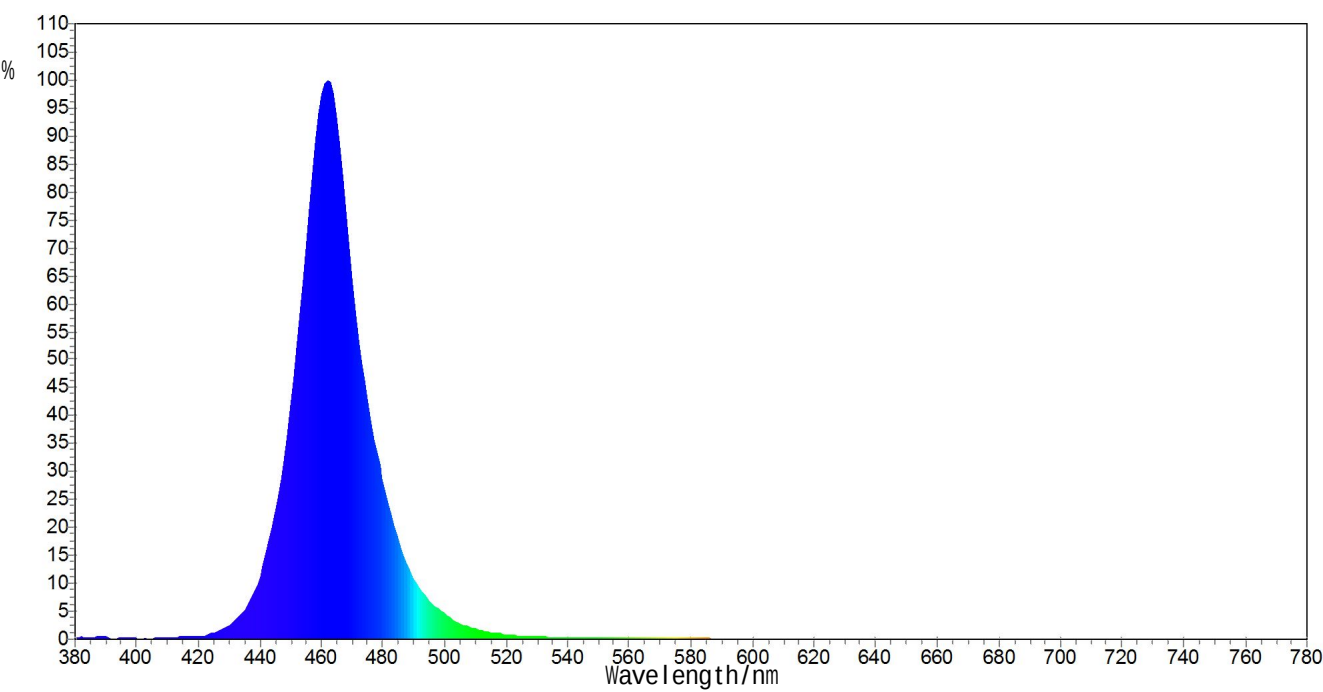
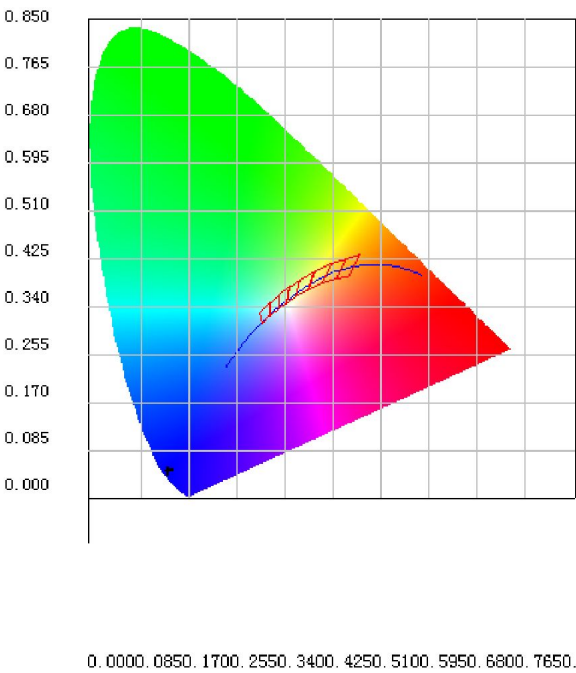


LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.1384 y: 0.0541
u: 0.1642 v: 0.0963
WD: 466.7 nm WP: 463.2 nm
HW: 21.4 nm Purity: 0.968
CCT: 1681 K Ra: -75.9
SDCM : 150.72 DUV : -0.1304
Ratio: R%: 0.4 G%: 2.3 B%: 97.3
Kred 0.64% Kgreen 14.21% Kblue 85.16%
R1: -67.1 R2: 25.4 R3: -97.9
R4: -142.8 R5: -70.6 R6: 6.4
R7: -68.9 R8: -192.0 R9: -485.4
R10: -70.3 R11: -70.2 R12: -97.3
R13: -32.1 R14: -11.2 R15: -99.5
Rf : 0.0 Rg : 0.0



Electrical parameters

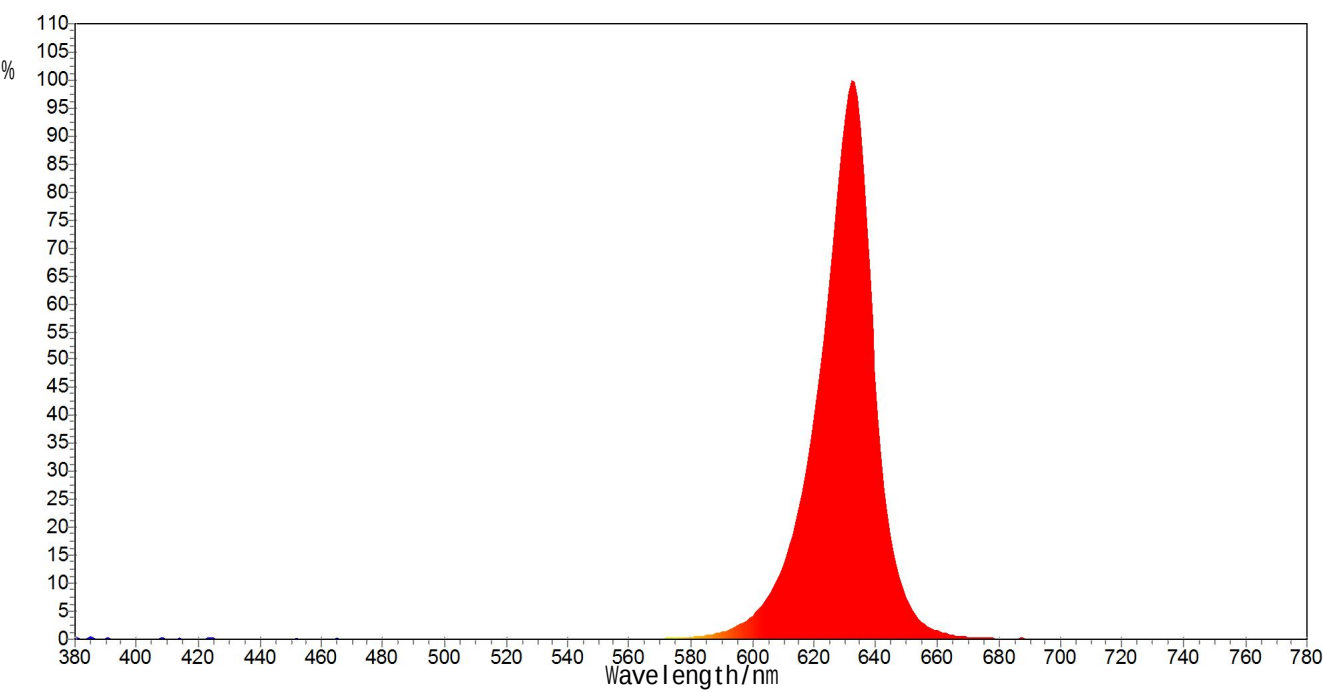
Flux: 93.719 lm E: 16.898 lm/w P: 1873.46 mw
I: 231.1 mA V: 24.00 V P: 5.546 w PF:

Memo:

1M

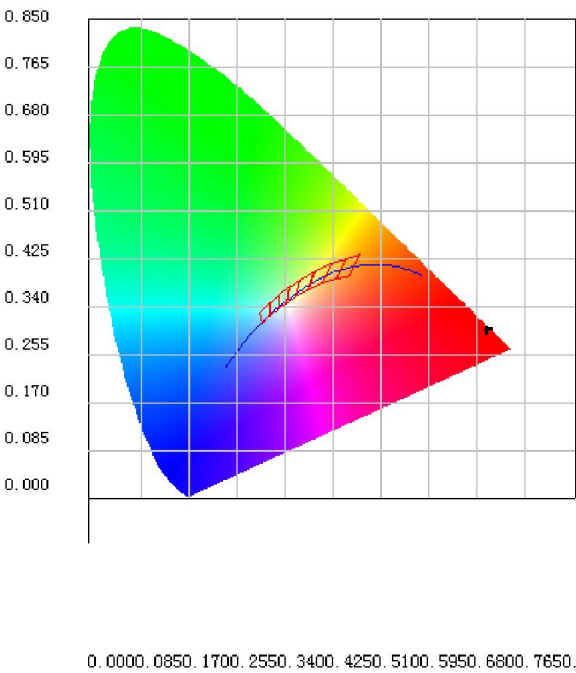
Product Mode:	S008096TC3PZ RGB B	Item No:	20601-0009-00
Tester:	LEIXIAOLAN	Date:	2022-11-24
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.6948 y: 0.3029
u: 0.5299 v: 0.3465
WD: 623.0 nm WP: 633.1 nm
HW: 17.8 nm Purity: 0.993
CCT: 4865 K Ra: -25.0
SDCM : 369.19 DUV : -0.0012
Ratio: R%: 98.0 G%: 1.7 B%: 0.3
Kred 94.27% Kgreen 5.68% Kblue 0.05%
R1: -72.1 R2: -5.1 R3: 44.3
R4: -74.0 R5: -83.2 R6: -67.0
R7: 62.5 R8: -5.2 R9: -279.7
R10: -87.7 R11: 27.9 R12: -75.4
R13: -75.4 R14: 57.9 R15: -35.0
Rf : 0.0 Rg : 0.0



Electrical parameters

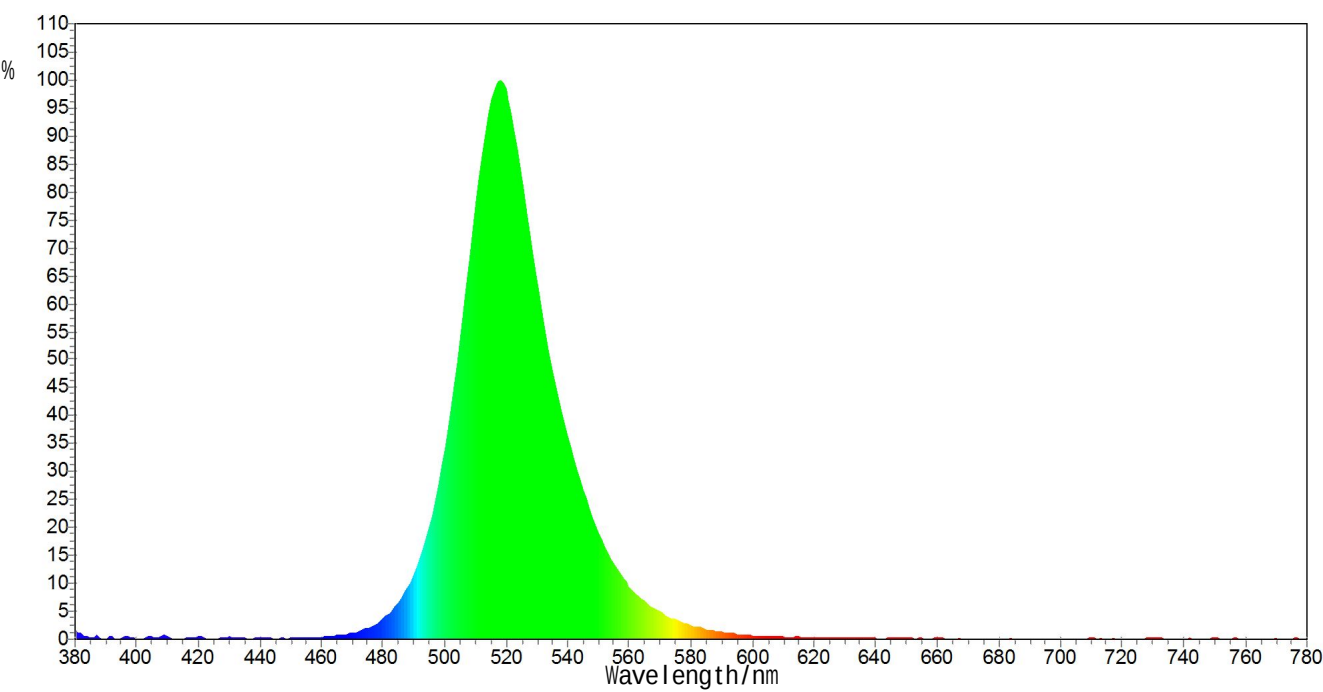
Flux: 159.101 lm E: 32.103 lm/w P: 841.46 mw
I: 206.5 mA V: 24.00 V P: 4.956 w PF:

Memo:

1M

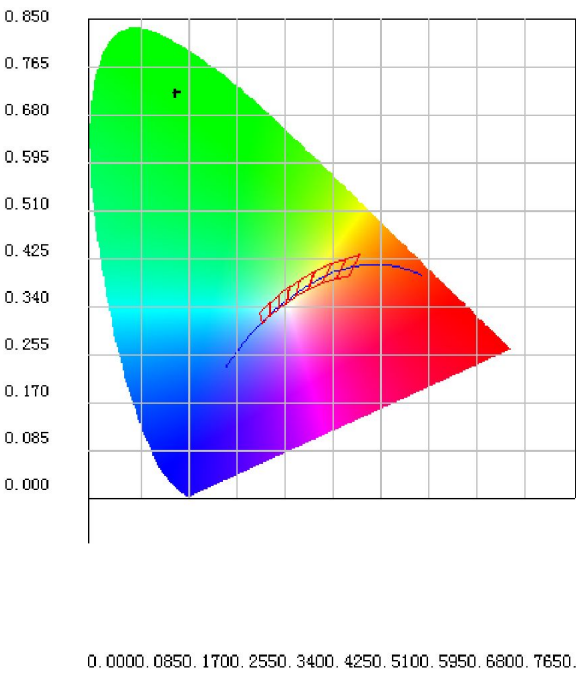
Product Mode:	S008096TC3PZ RGB R	Item No:	20601-0009-00
Tester:	LEIXIAOLAN	Date:	2022-11-24
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.1530 y: 0.7212
u: 0.0539 v: 0.3813
WD: 523.5 nm WP: 518.5 nm
HW: 30.5 nm Purity: 0.781
CCT: 8212 K Ra: -24.0
SDCM : 370.97 DUV : 0.1618
Ratio: R%: 0.8 G%: 89.8 B%: 9.4
Kred 0.25% Kgreen 95.67% Kblue 4.08%
R1: -35.7 R2: -11.7 R3: -27.1
R4: -64.7 R5: -8.3 R6: -13.3
R7: -2.6 R8: -28.3 R9: -353.5
R10: -110.1 R11: -49.5 R12: -29.4
R13: -44.0 R14: 37.2 R15: -33.4
Rf : 0.0 Rg : 0.0



Electrical parameters

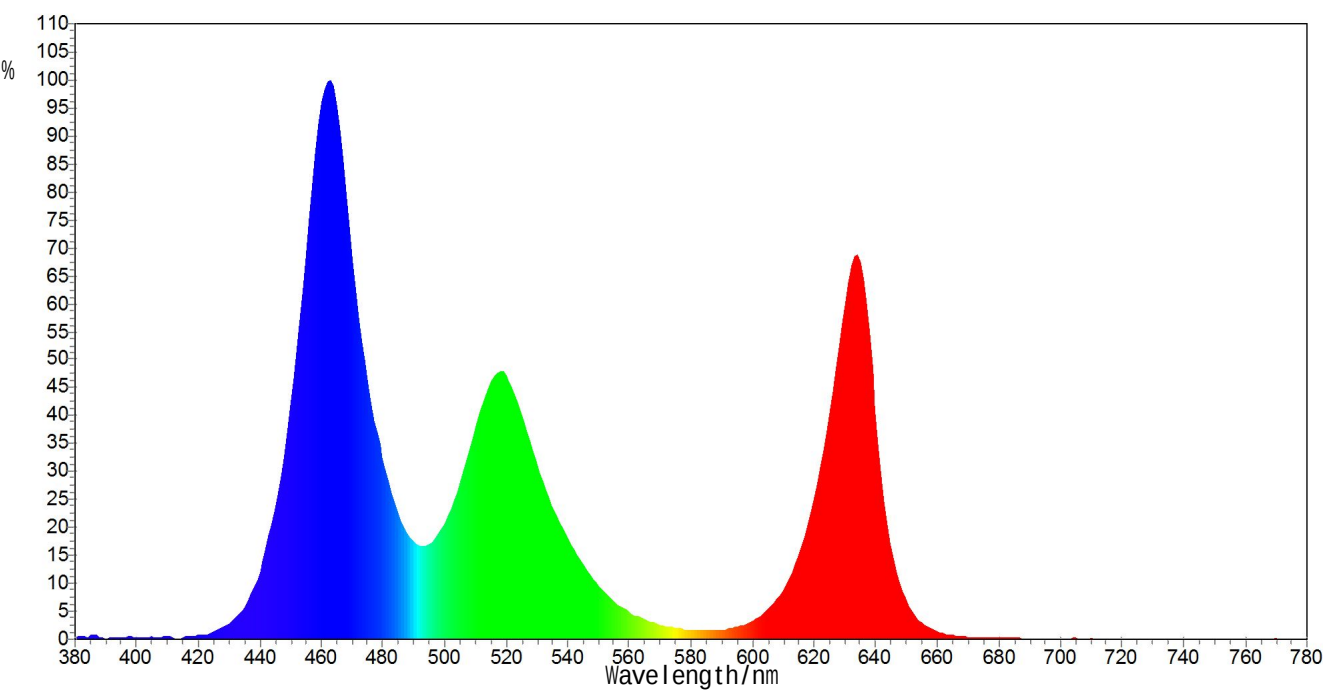
Flux: 440.459 lm E: 75.837 lm/w P: 995.45 mw
I: 242.0 mA V: 24.00 V P: 5.808 w PF:

Memo:

1M

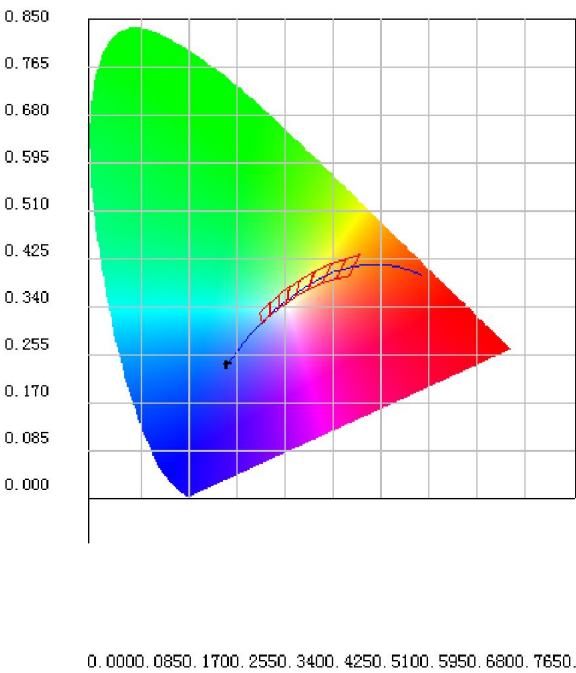
Product Mode:	S008096TC3PZ RGB G	Item No:	20601-0009-00
Tester:	LEIXIAOLAN	Date:	2022-11-24
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.2394 y: 0.2427
u: 0.1762 v: 0.2680
WD: 477.6 nm WP: 463.2 nm
HW: 22.5 nm Purity: 0.403
CCT: 27889 K Ra: 46.5
SDCM : 55.75 DUV : 0.0048
Ratio : R%: 24.9 G%: 27.8 B%: 47.3
Kred 21.01% Kgreen 64.65% Kblue 14.34%
R1: 27.2 R2: 53.5 R3: 71.6
R4: 54.0 R5: 54.4 R6: 59.4
R7: 58.7 R8: -7.0 R9: -238.3
R10: -9.3 R11: 51.3 R12: 56.8
R13: 26.7 R14: 79.2 R15: 4.5
Rf : 0.0 Rg : 0.0



Electrical parameters

Flux: 676.223 lm E: 41.374 lm/w P: 3592.22 mw
I: 681.0 mA V: 24.00 V P: 16.344 w PF:

Memo:

1M

Product Mode:	S008096TC3PZ RGB 混光	Item No:	20601-0009-00
Tester:	LEIXIAOLAN	Date:	2022-11-24
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

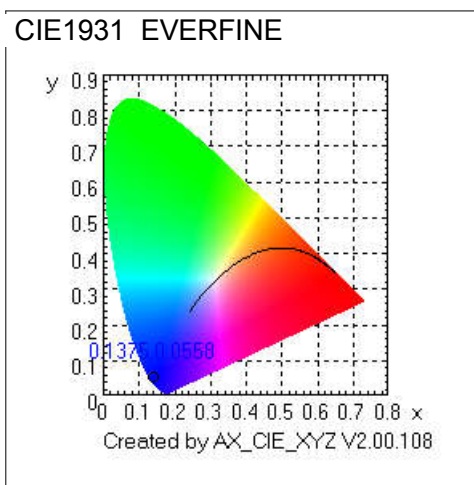
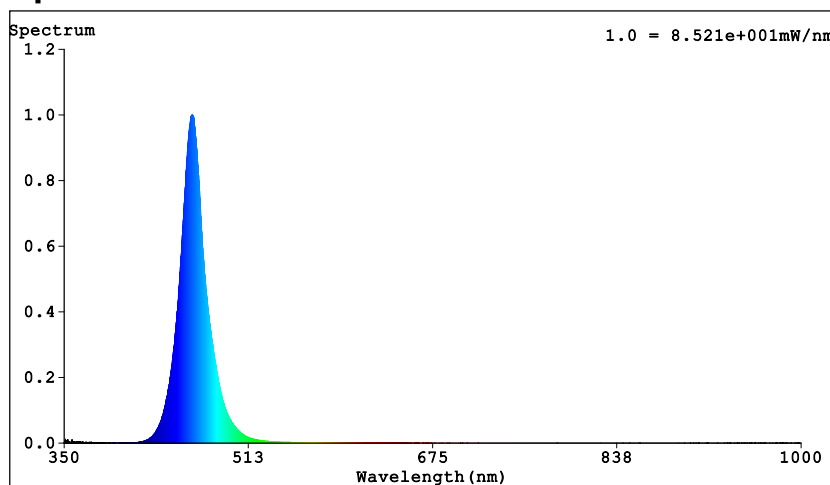
Spectrum Test Report

Sample	:		Date	:	2024-06-05
Specification	:	S008120TC3PZ B	Sam. Status	:	1M
Sample No.	:	10103-0056-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	DINGNANJUAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	50779 (77%)
Test Mode	:	Accuracy Test	T	:	75 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1375$ $y = 0.0558$ / $u' = 0.1620$ $v' = 0.1479$ ($duv = -1.68e-01$)

CCT>=100000K Prcp WL: Ld=467.2nm Purity=96.8%

Peak WL: Lp=463nm FWHM: =22.4nm Ratio:R=0.6% G=16.0% B=83.4%

Render Index: Ra = 0.6 TM30:Rf=0 Rg=-115

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=3

LEVEL:OUT

TLCI Parameters: TLCI = 0.9

Photometric & Radiometric Parameters

Flux = 154.25 lm Eff. : 15.12 lm/W Fe = 2.3971 W

EEI: 0.55193 B

EEC: 15.1 G

Electrical parameters

V = 24.00 V I = 0.4252 A P = 10.20 W PF = 1.000

Freq=0.00 Hz

GBT5702

Spectrum Test Report

Sample :
Specification : S008120TC3PZ R
Sample No. : 10103-0056-00
Manufacturer : iPixel LED

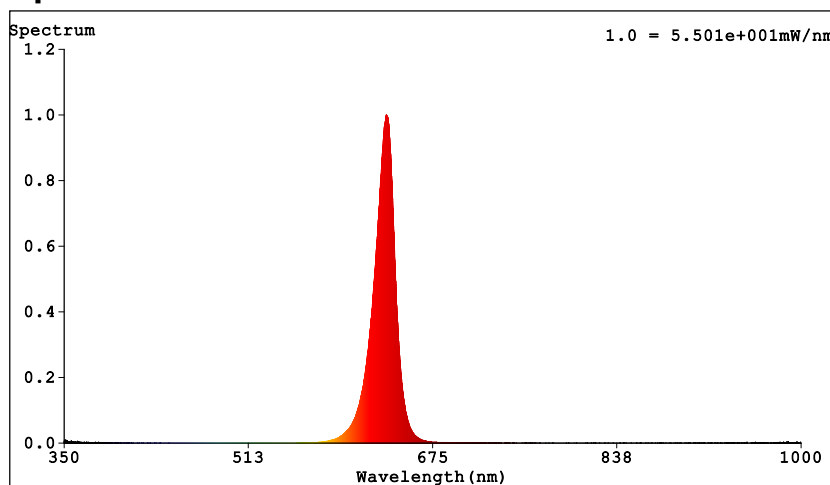
Date : 2024-06-05
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

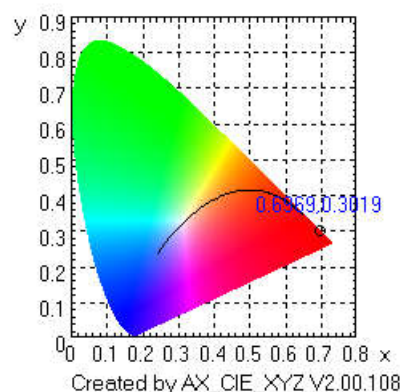
Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Accuracy Test

RH : 65.0%
IP : 50156 (77%)
T : 108 ms
Sensitivity : High

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6969$ $y = 0.3019$ / $u' = 0.5330$ $v' = 0.5196$ ($duv = -8.55e-02$)

CCT= 1001K Prcp WL: $L_d = 623.5nm$ Purity=99.7%

Peak WL: $L_p = 634nm$ FWHM: $= 18.7nm$ Ratio: $R = 95.6\%$ $G = 4.4\%$ $B = 0.0\%$

Render Index: $R_a = 28.7$ TM30: $R_f = 1$ $R_g = 0$

$R_1 = 10$ $R_2 = 78$ $R_3 = 35$ $R_4 = 0$ $R_5 = 6$ $R_6 = 89$ $R_7 = 12$

$R_8 = 0$ $R_9 = 0$ $R_{10} = 73$ $R_{11} = 0$ $R_{12} = 80$ $R_{13} = 32$ $R_{14} = 62$ $R_{15} = 0$

LEVEL:OUT

TLCI Parameters: TLCI = 3.7

Photometric & Radiometric Parameters

Flux = 223.57 lm Eff. : 24.67 lm/W $Fe = 1.2401 W$

EEL: 0.37590 B

EEC: 24.7 G

Electrical parameters

$V = 24.00 V$ $I = 0.3777 A$ $P = 9.064 W$ PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S008120TC3PZ G
Sample No. : 10103-0056-00
Manufacturer : iPixel LED

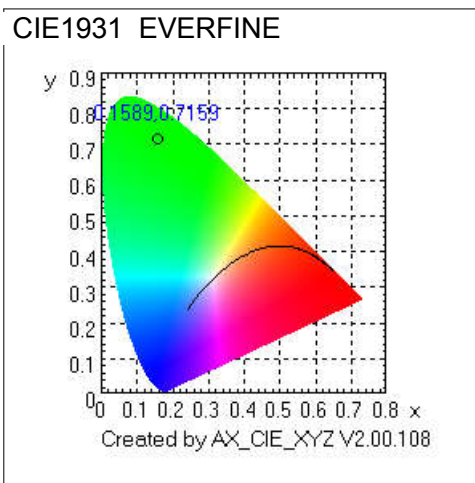
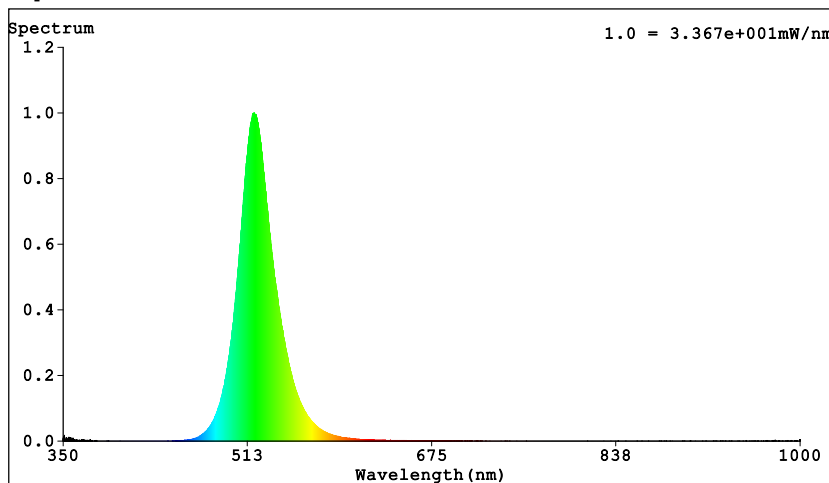
Date : 2024-06-05
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 50634 (77%)
T : 143 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1589$ $y = 0.7159$ / $u' = 0.0564$ $v' = 0.5716$ ($duv=1.60e-01$)

CCT= 8057K Prpc WL: Ld=524.2nm Purity=77.2%

Peak WL: Lp=518nm FWHM: =33.0nm Ratio:R=0.3% G=96.8% B=2.9%

Render Index: Ra = 0.0 TM30:Rf=2 Rg=8

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=41 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 3.1

Photometric & Radiometric Parameters

Flux = 618.97 lm Eff. : 61.38 lm/W Fe = 1.3252 W

EEL: 0.19309 A

EEC: 61.4 G

Electrical parameters

V = 24.00 V I = 0.4202 A P = 10.08 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S008120TC3PZ Mixed
Sample No. : 10103-0056-00
Manufacturer : iPixel LED

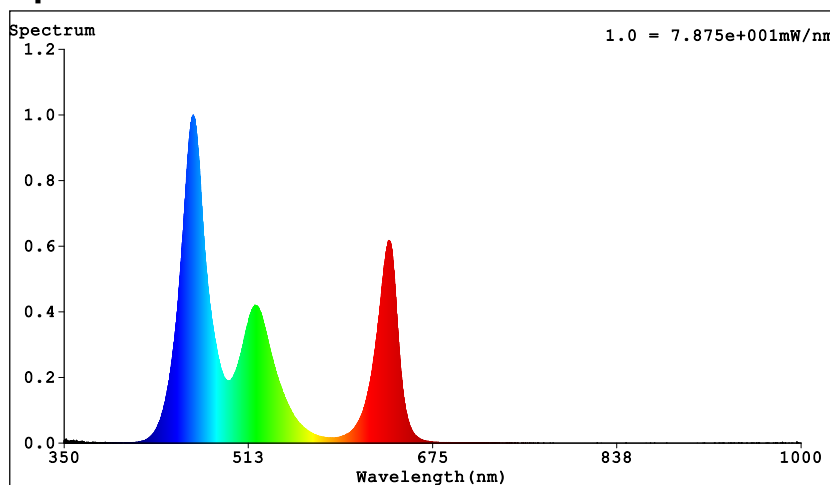
Date : 2024-06-05
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

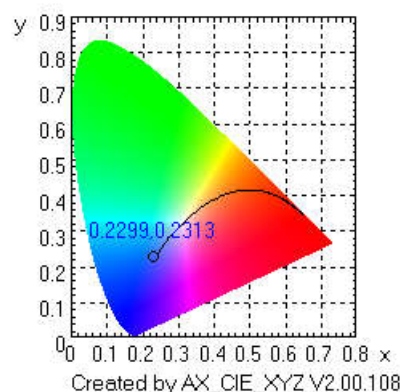
Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Accuracy Test

RH : 65.0%
IP : 44494 (68%)
T : 71 ms
Sensitivity : High

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2299$ $y = 0.2313$ / $u' = 0.1730$ $v' = 0.3916$ ($duv = -9.07e-03$)

CCT $\geq 100000K$ Prcp WL: $L_d = 477.2nm$ Purity = 44.7%

Peak WL: $L_p = 464nm$ FWHM: $= 24.0nm$ Ratio: R=19.7% G=65.2% B=15.1%

Render Index: $R_a = 49.3$ TM30: $R_f = 49$ $R_g = 114$

R1 = 36 R2 = 55 R3 = 71 R4 = 60 R5 = 57 R6 = 58 R7 = 57

R8 = 0 R9 = 0 R10 = 0 R11 = 53 R12 = 62 R13 = 36 R14 = 80 R15 = 10

LEVEL: OUT

TLCI Parameters: TLCI = 14.6

Photometric & Radiometric Parameters

Flux = 953.10 lm Eff. : 32.51 lm/W $Fe = 4.7355 W$

EEL: 0.39683 B

EEC: 32.5 G

Electrical parameters

V = 24.00 V I = 1.222 A P = 29.31 W PF = 1.000

Freq = 0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

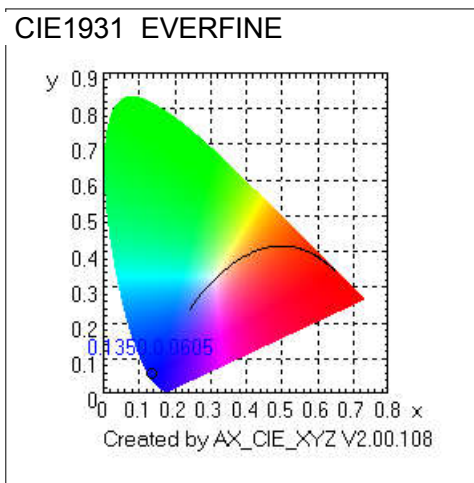
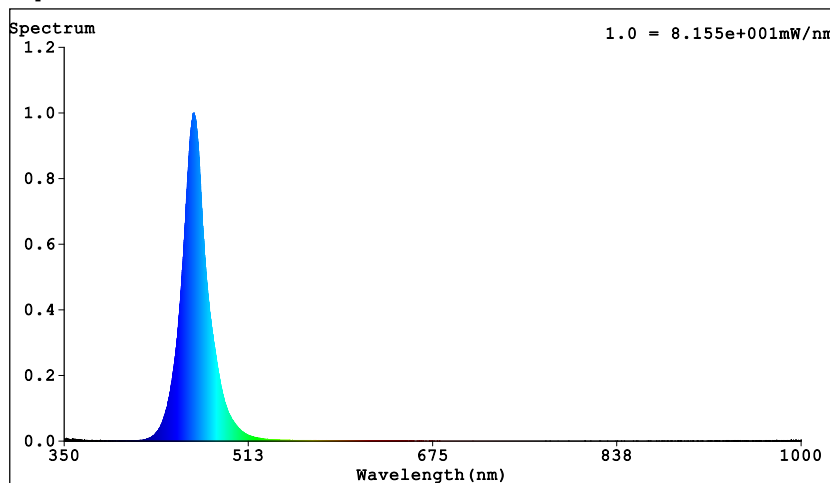
Spectrum Test Report

Sample	:		Date	:	2024-06-20
Specification	:	S008120TB3PZ B	Sam. Status	:	1M
Sample No.	:	10103-0455-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	DINGNANJUAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	50048 (76%)
Test Mode	:	Accuracy Test	T	:	77 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1350$ $y = 0.0605$ / $u' = 0.1563$ $v' = 0.1575$ ($duv = -1.63e-01$)

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

Peak WL: Lp=465nm FWHM: =21.4nm Ratio:R=0.5% G=15.9% B=83.5%

Render Index: Ra = 0.6 TM30:Rf=0 Rg=-117

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=2

LEVEL:OUT

TLCI Parameters: TLCI = 0.9

Photometric & Radiometric Parameters

Flux = 149.84 lm Eff. : 17.23 lm/W Fe = 2.2120 W

EEL: 0.48006 B

EEC: 17.2 G

Electrical parameters

V = 12.00 V I = 0.7247 A P = 8.696 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S008120TB3PZ R
Sample No. : 10103-0455-00
Manufacturer : iPixel LED

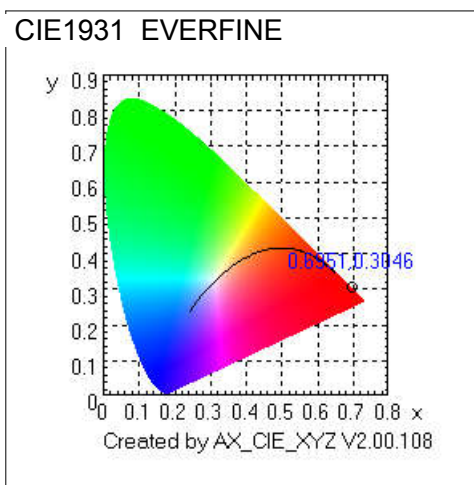
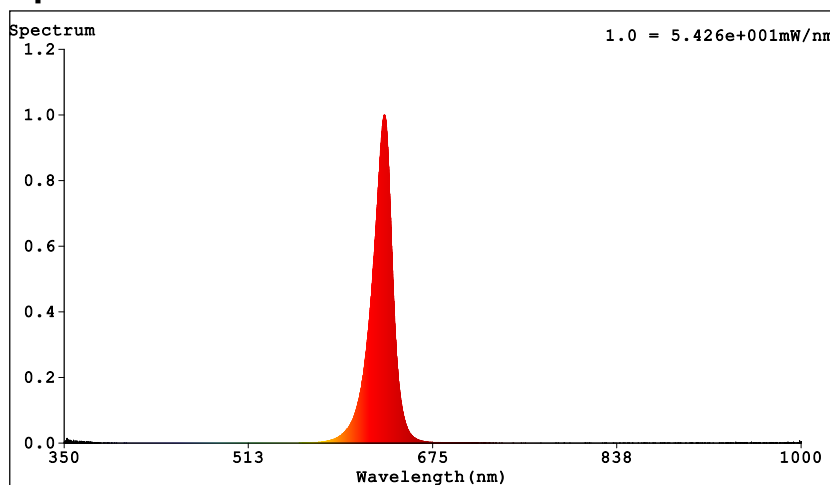
Date : 2024-06-20
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 50039 (76%)
T : 109 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6951$ $y = 0.3046$ / $u' = 0.5281$ $v' = 0.5207$ ($duv = -8.06e-02$)

CCT= 1001K Prcp WL: $L_d = 621.9nm$ Purity=100.0%

Peak WL: $L_p = 633nm$ FWHM: $= 17.9nm$ Ratio: R=95.3% G=4.6% B=0.0%

Render Index: $R_a = 27.8$ TM30: $R_f = 1$ $R_g = 0$

R1 =9 R2 =78 R3 =34 R4 =0 R5 =4 R6 =89 R7 =10

R8 =0 R9 =0 R10=71 R11=0 R12=79 R13=30 R14=61 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 4.7

Photometric & Radiometric Parameters

Flux = 227.63 lm Eff. : 26.22 lm/W $Fe = 1.1758 W$

EEL: 0.35534 B

EEC: 26.2 G

Electrical parameters

V = 12.00 V I = 0.7235 A P = 8.681 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S008120TB3PZ G
Sample No. : 10103-0455-00
Manufacturer : iPixel LED

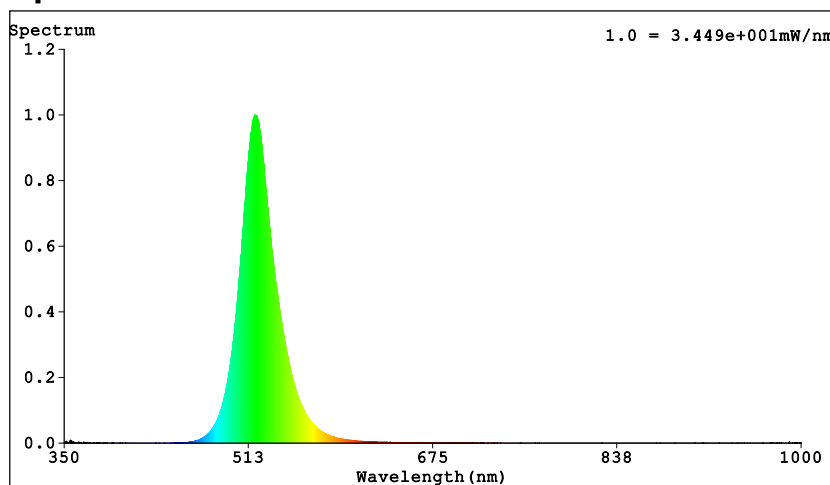
Date : 2024-06-20
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

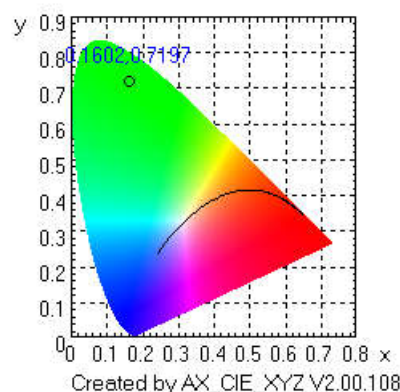
Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Accuracy Test

RH : 65.0%
IP : 50924 (78%)
T : 140 ms
Sensitivity : High

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1602$ $y = 0.7197$ / $u' = 0.0566$ $v' = 0.5724$ ($duv=1.60e-01$)

CCT= 8012K Prcp WL: $L_d=524.8nm$ Purity=78.3%

Peak WL: $L_p=518nm$ FWHM: $=31.9nm$ Ratio:R=0.3% G=97.1% B=2.6%

Render Index: $R_a = 0.0$ TM30:Rf=2 Rg=8

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=40 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 3.1

Photometric & Radiometric Parameters

Flux = 625.01 lm Eff. : 66.65 lm/W $Fe = 1.3258 W$

EEI: 0.17819 A

EEC: 66.7 G

Electrical parameters

V = 12.00 V I = 0.7815 A P = 9.377 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S008120TB3PZ Mixed
Sample No. : 10103-0455-00
Manufacturer : iPixel LED

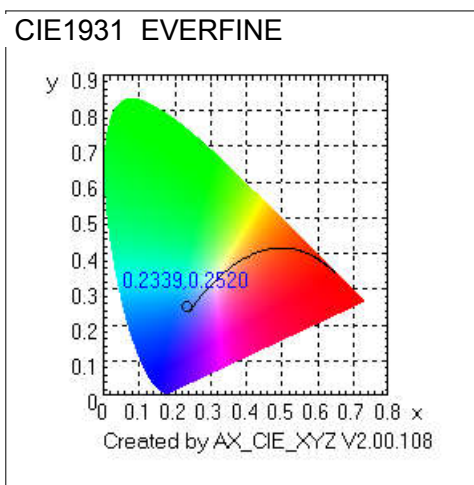
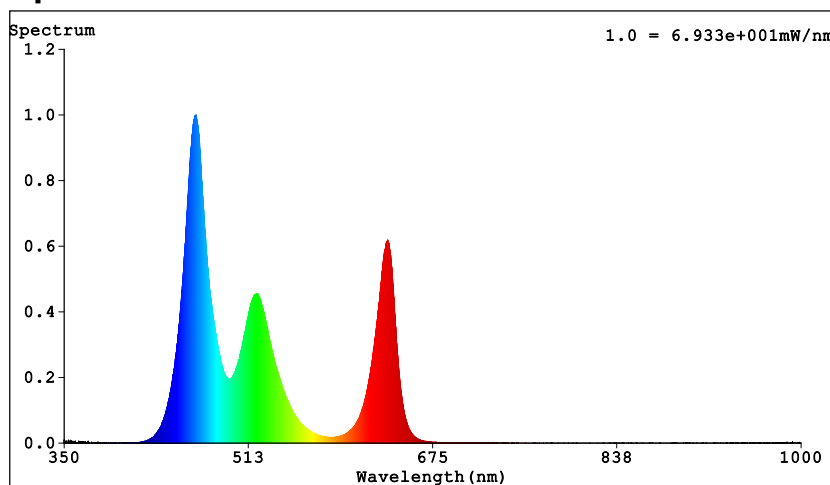
Date : 2024-06-20
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 49145 (75%)
T : 89 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2339$ $y = 0.2520$ / $u' = 0.1684$ $v' = 0.4082$ ($duv=1.34e-02$)

CCT= 48860K Prpc WL: Ld=480.2nm Purity=41.0%

Peak WL: Lp=466nm FWHM: =22.9nm Ratio:R=19.2% G=66.3% B=14.5%

Render Index: Ra = 52.3 TM30:Rf=50 Rg=108

R1 =43 R2 =60 R3 =71 R4 =62 R5 =63 R6 =61 R7 =56

R8 =4 R9 =0 R10=5 R11=60 R12=64 R13=42 R14=80 R15=19

LEVEL:OUT

TLCI Parameters: TLCI = 15.4

Photometric & Radiometric Parameters

Flux = 890.03 lm Eff. : 35.34 lm/W Fe = 4.1397 W

EEL: 0.36049 B

EEC: 35.3 G

Electrical parameters

V = 12.00 V I = 2.099 A P = 25.19 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S008096TB3PZ G
Sample No. : 20201-0104-00
Manufacturer : iPixel LED

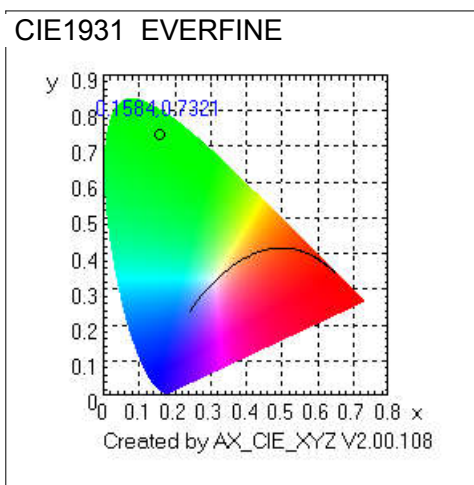
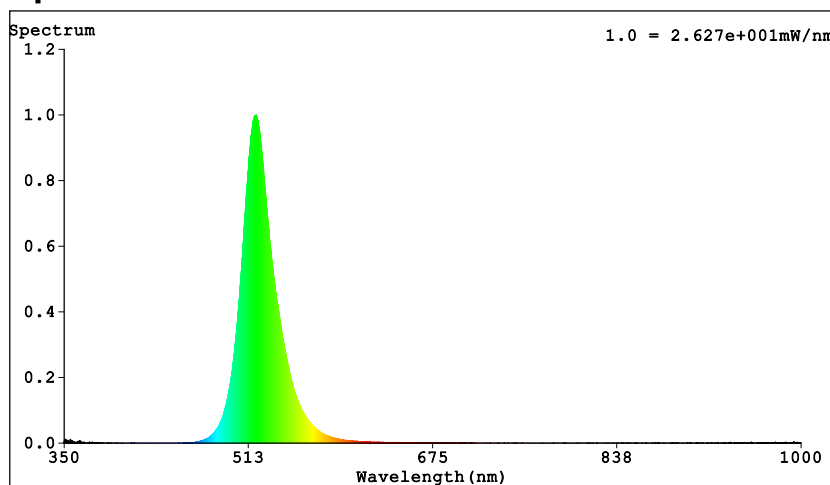
Date : 2025-04-21
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LZN

Test Condition

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

RH : 65.0%
IP : 50936 (78%)
T : 215 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1584$ $y = 0.7321$ / $u' = 0.0552$ $v' = 0.5745$ ($duv=1.62e-01$)

CCT= 7976K Prcp WL: $L_d=525.4nm$ Purity=81.2%

Peak WL: $L_p=519nm$ FWHM: $=29.4nm$ Ratio:R=0.3% G=97.7% B=2.0%

Render Index: $R_a = 0.0$ 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 = 2.7

Photometric & Radiometric Parameters

Flux = 447.90 lm Eff. : 84.13 lm/W Fe = 936.84 mW

EEL: 0.13123 A+

EEC: 84.1 G

Electrical parameters

V = 12.00 V I = 0.4437 A P = 5.324 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S008096TB3PZ R
Sample No. : 20201-0104-00
Manufacturer : iPixel LED

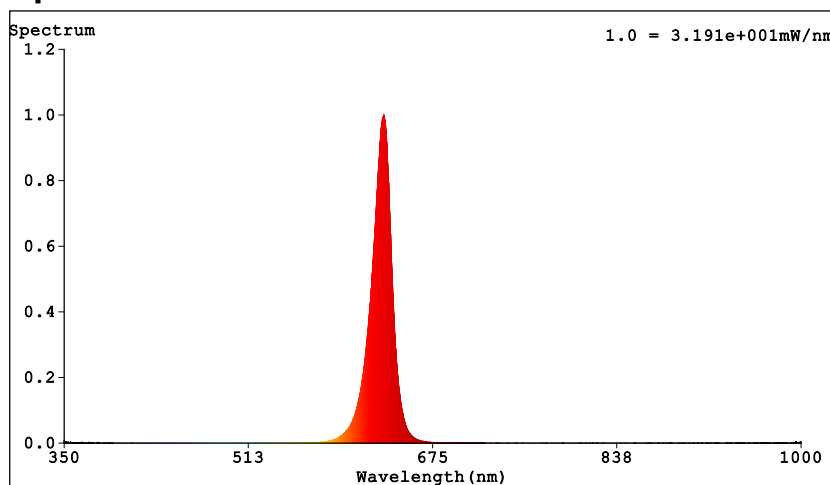
Date : 2025-04-21
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LZN

Test Condition

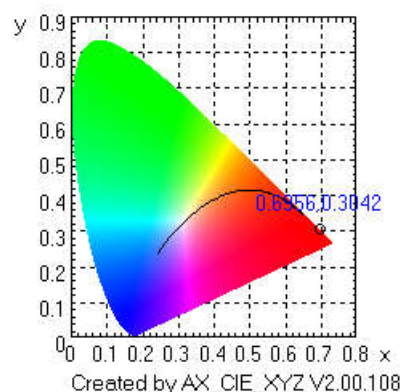
Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Accuracy Test

RH : 65.0%
IP : 51235 (78%)
T : 215 ms
Sensitivity : High

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6956$ $y = 0.3042$ / $u' = 0.5290$ $v' = 0.5206$ ($duv = -8.15e-02$)

CCT= 1001K Prcp WL: $L_d = 622.1nm$ Purity=100.0%

Peak WL: $L_p = 632nm$ FWHM: $= 17.9nm$ Ratio: R=96.0% G=4.0% B=0.0%

Render Index: $R_a = 26.4$ TM30: $R_f = 1$ $R_g = 0$

R1 = 6 R2 = 77 R3 = 31 R4 = 0 R5 = 1 R6 = 88 R7 = 7

R8 = 0 R9 = 0 R10 = 71 R11 = 0 R12 = 79 R13 = 29 R14 = 60 R15 = 0

LEVEL:OUT

TLCI Parameters: TLCI = 3.8

Photometric & Radiometric Parameters

Flux = 134.44 lm Eff. : 29.74 lm/W $F_e = 686.50 mW$

EEL: 0.26926 B

EEC: 29.7 G

Electrical parameters

V = 12.00 V I = 0.3768 A P = 4.521 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S008096TB3PZ B
Sample No. : 20201-0104-00
Manufacturer : iPixel LED

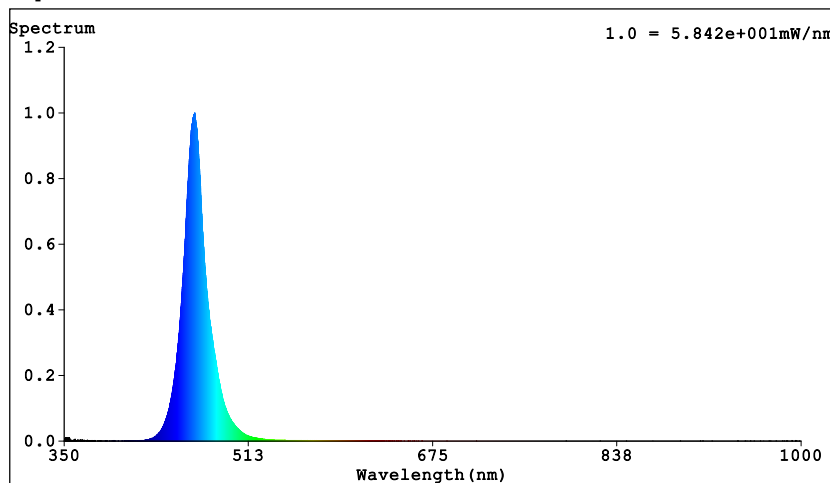
Date : 2025-04-21
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LZN

Test Condition

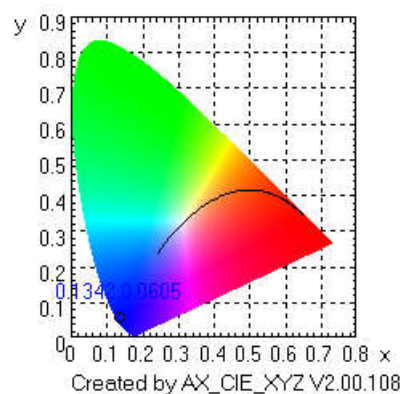
Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Accuracy Test

RH : 65.0%
IP : 43051 (66%)
T : 107 ms
Sensitivity : High

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1342$ $y = 0.0605$ / $u' = 0.1553$ $v' = 0.1575$ ($duv = -1.63e-01$)

CCT $\geq 100000K$ Prcp WL: $L_d = 468.5nm$ Purity = 96.8%

Peak WL: $L_p = 465nm$ FWHM: $\approx 20.1nm$ Ratio: R=0.5% G=15.0% B=84.5%

Render Index: $R_a = 0.5$ TM30: $R_f = 0$ $R_g = -100$

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 = 0

LEVEL: OUT

TLCI Parameters: TLCI = 0.9

Photometric & Radiometric Parameters

Flux = 100.69 lm Eff. : 18.59 lm/W Fe = 1.4809 W

EEL: 0.39361 B

EEC: 18.6 G

Electrical parameters

V = 12.00 V I = 0.4515 A P = 5.418 W PF = 1.000

Freq = 0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

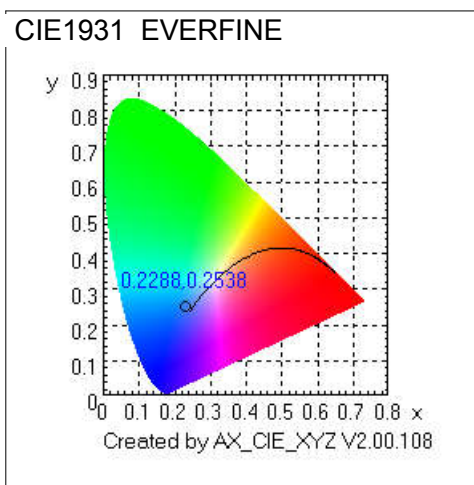
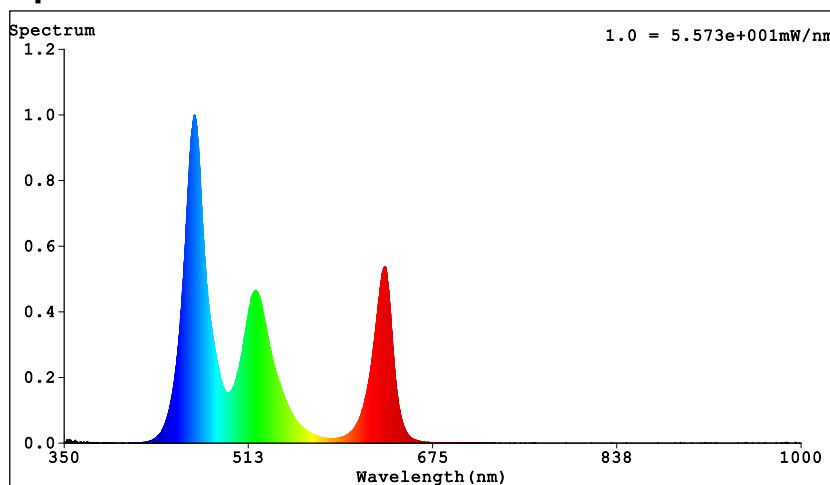
Spectrum Test Report

Sample	:		Date	:	2025-04-21
Specification	:	S008096TB3PZ Mixed	Sam. Status	:	1M
Sample No.	:	20201-0104-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	41114 (63%)
Test Mode	:	Accuracy Test	T	:	107 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2288$ $y = 0.2538$ / $u' = 0.1638$ $v' = 0.4088$ ($duv=1.79e-02$)

CCT= 56500K Prcp WL: $L_d=481.1nm$ Purity=42.4%

Peak WL: $L_p=465nm$ FWHM: $=20.4nm$ Ratio:R=18.4% G=67.8% B=13.8%

Render Index: $R_a = 57.9$ TM30:Rf=52 Rg=106

R1 =50 R2 =64 R3 =72 R4 =68 R5 =70 R6 =64 R7 =58

R8 =16 R9 =0 R10=16 R11=65 R12=64 R13=48 R14=81 R15=29

LEVEL:OUT

TLCI Parameters: TLCI = 17.1

Photometric & Radiometric Parameters

Flux = 664.68 lm Eff. : 44.40 lm/W Fe = 3.0035 W

EEL: 0.27089 B

EEC: 44.4 G

Electrical parameters

V = 12.00 V I = 1.247 A P = 14.97 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>