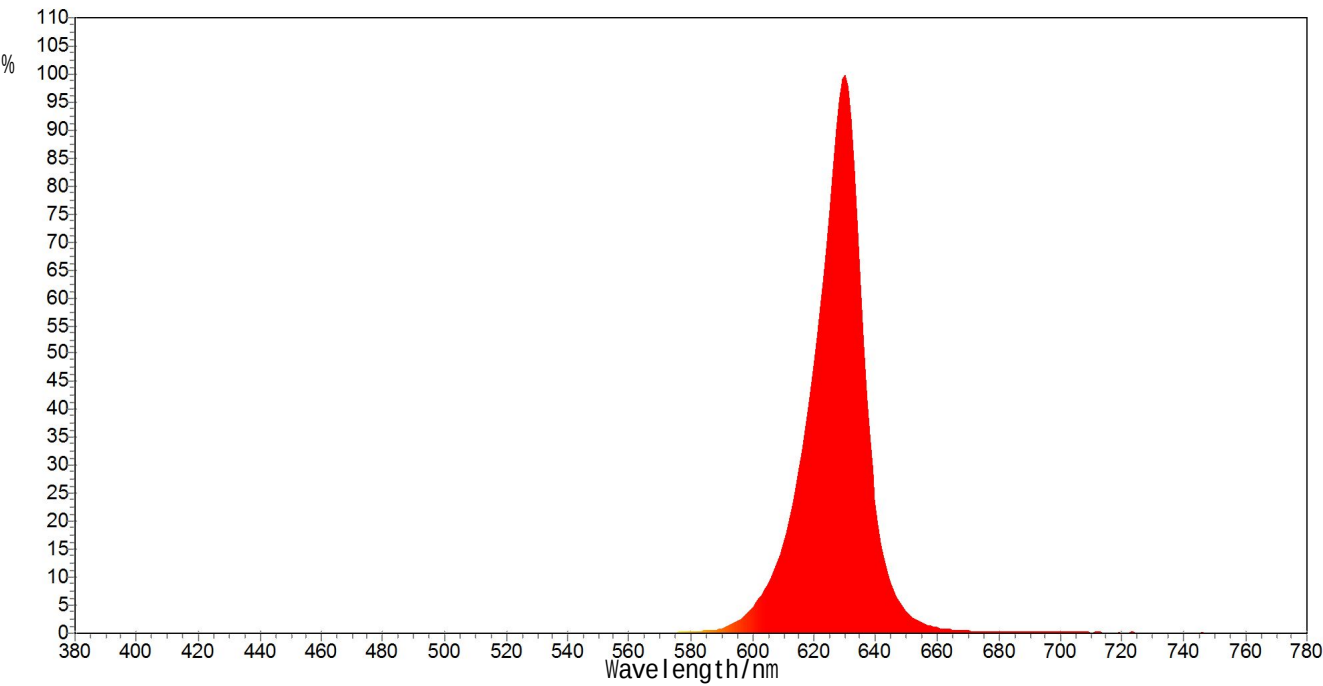
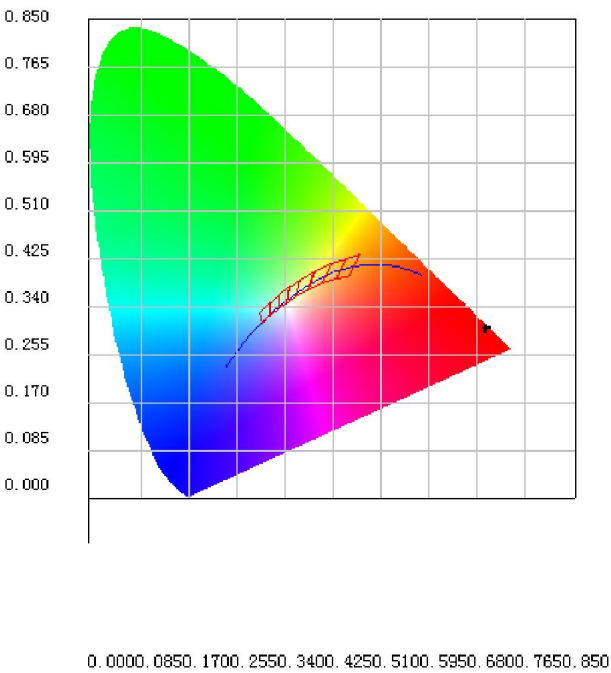


LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.6941 y: 0.3057
u: 0.5258 v: 0.3474
WD: 621.4 nm WP: 630.7 nm
HW: 16.1 nm Purity: 1.000
CCT: 4697 K Ra: -66.9
SDCM : 193.46 DUV : -0.0006
Ratio: R%: 98.5 G%: 1.5 B%: 0.0
Kred 94.92% Kgreen 5.07% Kblue 0.00%
R1: -72.8 R2: -33.4 R3: -44.4
R4: -152.3 R5: -146.1 R6: -113.3
R7: 16.8 R8: 10.3 R9: -287.7
R10: -110.1 R11: -44.5 R12: -83.2
R13: -92.4 R14: 0.2 R15: -40.9
Rf : 0.0 Rg : 0.0



Electrical parameters

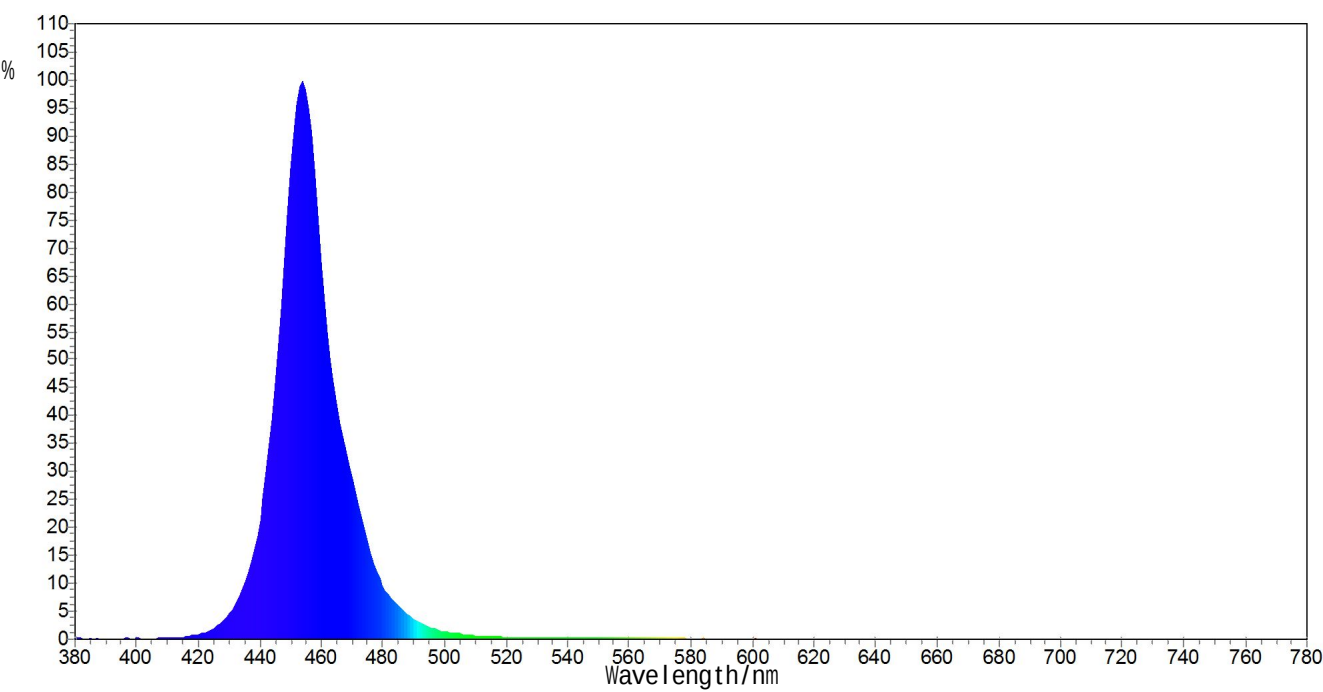
Flux: 56.110 lm E: 11.903 lm/w P: 269.97 mw
I: 196.4 mA V: 24.00 V P: 4.714 w PF:

Memo:

1M

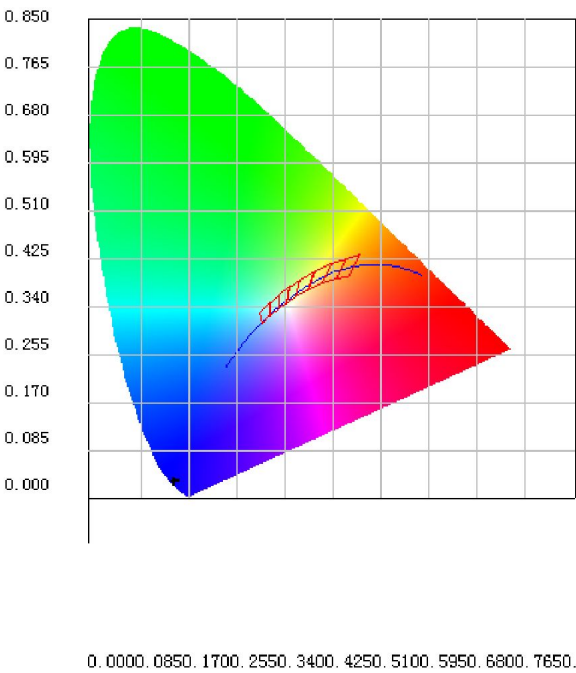
Product Mode:	S008630ZC3SF RGB R	Item No:	10106-0202-00
Tester:	LEIXIAOLAN	Date:	2022-12-9
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.1490 y: 0.0351
u: 0.1909 v: 0.0675
WD: 459.3 nm WP: 454.3 nm
HW: 17.4 nm Purity: 0.979
CCT: 1629 K Ra: -78.0
SDCM : 168.80 DUV : -0.1061
Ratio : R%: 0.4 G%: 1.3 B%: 98.3
Kred 1.18% Kgreen 13.23% Kblue 85.59%
R1: -56.2 R2: 23.3 R3: -116.6
R4: -145.9 R5: -64.8 R6: 8.1
R7: -78.2 R8: -193.9 R9: -456.6
R10: -90.4 R11: -70.4 R12: -93.4
R13: -19.6 R14: -19.3 R15: -90.3
Rf : 0.0 Rg : 0.0



Electrical parameters

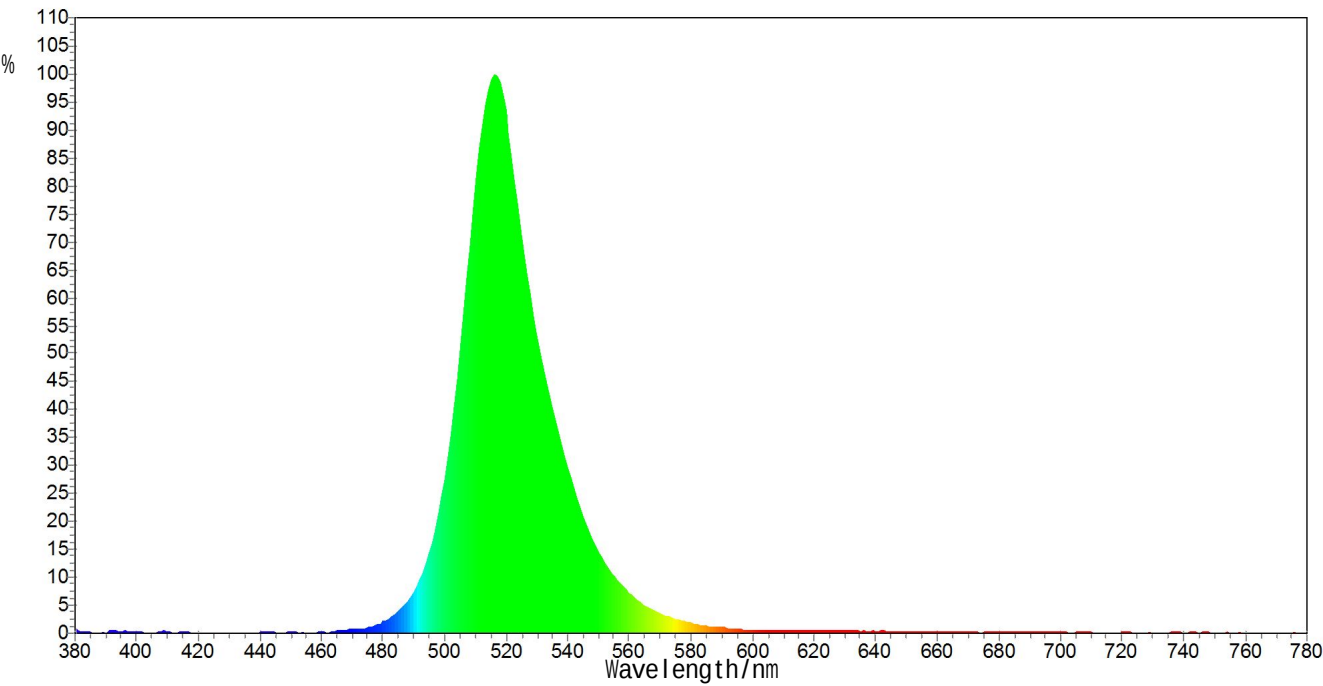
Flux: 30.028 lm E: 6.452 lm/w P: 751.89 mw
I: 193.9 mA V: 24.00 V P: 4.654 w PF:

Memo:

1M

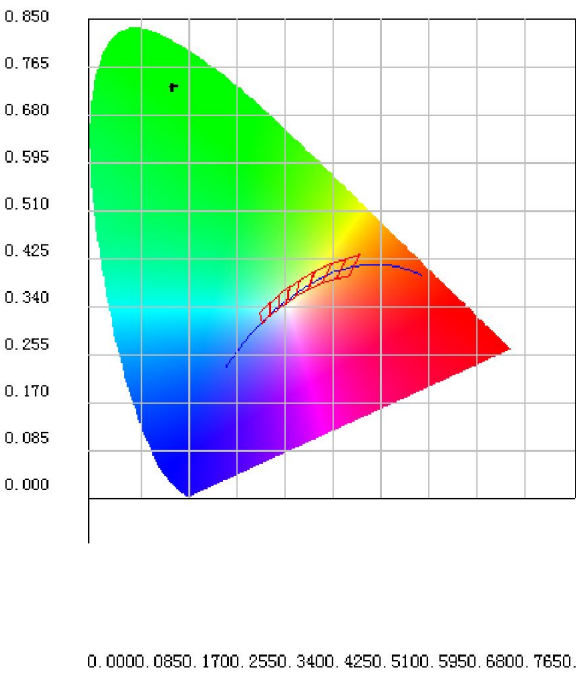
Product Mode:	S008630ZC3SF RGB B	Item No:	10106-0202-00
Tester:	LEIXIAOLAN	Date:	2022-12-9
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.1455 y: 0.7326
u: 0.0506 v: 0.3822
WD: 523.1 nm WP: 517.1 nm
HW: 27.2 nm Purity: 0.802
CCT: 8276 K Ra: -28.6
SDCM : 318.68 DUV : 0.1651
Ratio: R%: 1.4 G%: 91.4 B%: 7.2
Kred 0.38% Kgreen 96.15% Kblue 3.47%
R1: -35.5 R2: -18.4 R3: -40.7
R4: -69.9 R5: -8.3 R6: -17.9
R7: -8.9 R8: -29.3 R9: -344.5
R10: -124.5 R11: -57.1 R12: -35.8
R13: -46.2 R14: 30.0 R15: -33.0
Rf : 0.0 Rg : 0.0



Electrical parameters

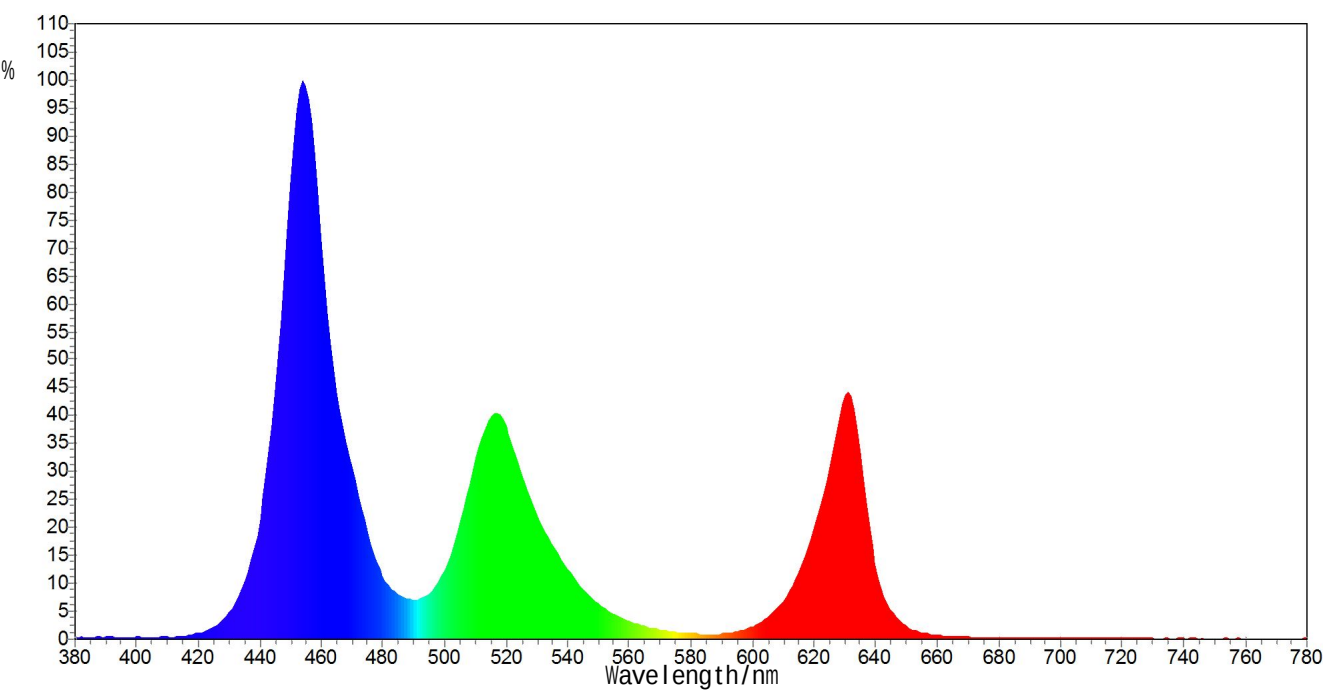
Flux: 169.386 lm E: 36.719 lm/w P: 375.37 mw
I: 192.2 mA V: 24.00 V P: 4.613 w PF:

Memo:

1M

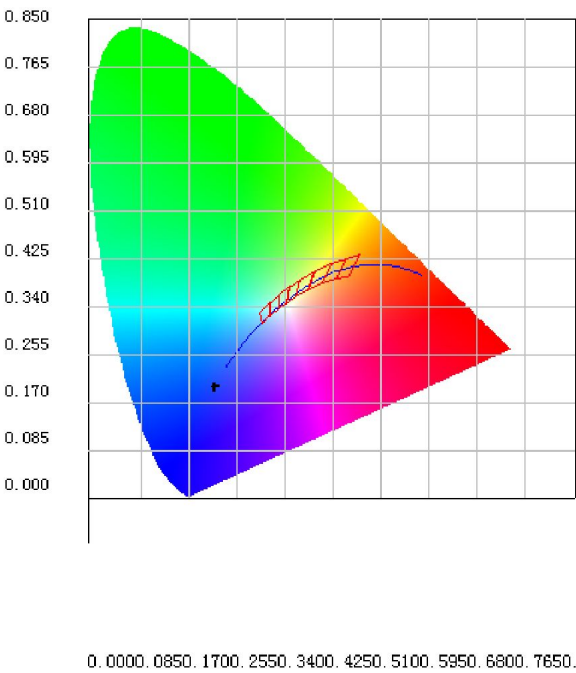
Product Mode:	S008630ZC3SF RGB G	Item No:	10106-0202-00
Tester:	LEIXIAOLAN	Date:	2022-12-9
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.2201 y: 0.2032
u: 0.1762 v: 0.2439
WD: 474.0 nm WP: 454.7 nm
HW: 17.8 nm Purity: 0.513
CCT: 314746 K Ra: 60.1
SDCM : 112.70 DUV : -0.0014
Ratio : R%: 19.8 G%: 27.9 B%: 52.3
Kred 19.27% Kgreen 68.26% Kblue 12.47%
R1: 41.6 R2: 67.7 R3: 81.3
R4: 61.3 R5: 64.9 R6: 70.3
R7: 74.2 R8: 19.4 R9: -181.6
R10: 19.5 R11: 46.0 R12: 65.1
R13: 41.1 R14: 83.8 R15: 21.7
Rf : 0.0 Rg : 0.0



Electrical parameters

Flux: 229.230 lm E: 20.531 lm/w P: 1269.58 mw
I: 465.2 mA V: 24.00 V P: 11.165 w PF:

Memo:

1M

Product Mode:	S008630ZC3SF RGB 混光	Item No:	10106-0202-00
Tester:	LEIXIAOLAN	Date:	2022-12-9
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

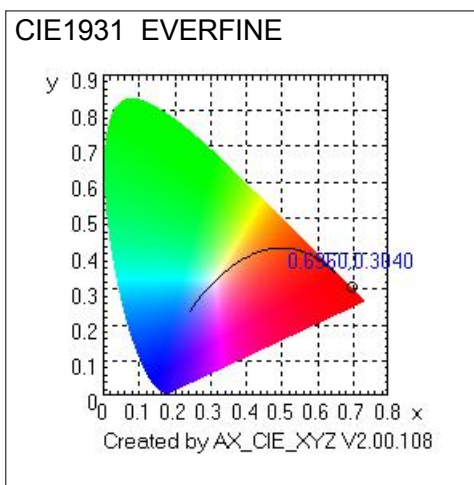
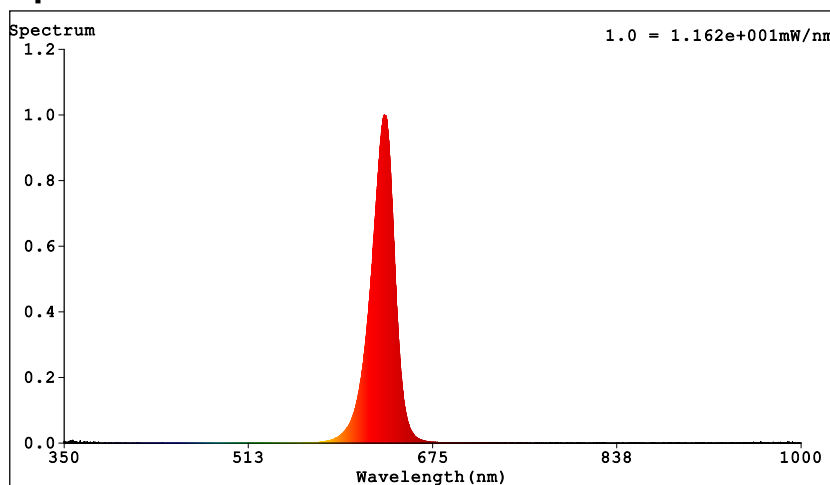
Spectrum Test Report

Sample	:		Date	:	2023-12-08
Specification	:	S010840ZC3SF R	Sam. Status	:	1M
Sample No.	:	10106-0318-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LEIXIAOLAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	51610 (79%)
Test Mode	:	Accuracy Test	T	:	500 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6960$ $y = 0.3040$ / $u' = 0.5297$ $v' = 0.5205$ ($duv = -8.21e-02$)

CCT= 1001K Prcp WL: $L_d = 622.3nm$ Purity=100.0%

Peak WL: $L_p = 633nm$ FWHM: $= 21.5nm$ Ratio: $R = 95.8\%$ $G = 4.2\%$ $B = -0.0\%$

Render Index: $R_a = 24.9$ TM30: $R_f = 1$ $R_g = 0$

$R_1 = 10$ $R_2 = 78$ $R_3 = 26$ $R_4 = 0$ $R_5 = 5$ $R_6 = 76$ $R_7 = 4$

$R_8 = 0$ $R_9 = 0$ $R_{10} = 68$ $R_{11} = 0$ $R_{12} = 66$ $R_{13} = 33$ $R_{14} = 58$ $R_{15} = 0$

LEVEL:OUT

TLCI Parameters: TLCI = 3.6

Photometric & Radiometric Parameters

Flux = 54.616 lm Eff. : 10.19 lm/W $F_e = 288.21 mW$

EEL: 0.58402 B

EEC: 10.2 G

Electrical parameters

$V = 24.00 V$ $I = 0.2234 A$ $P = 5.361 W$ PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S010840ZC3SF G
Sample No. : 10106-0318-00
Manufacturer : iPixel LED

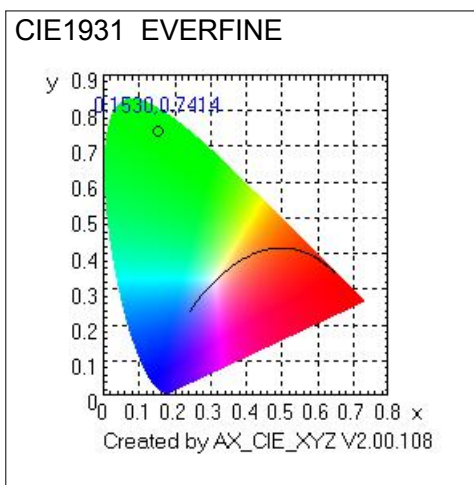
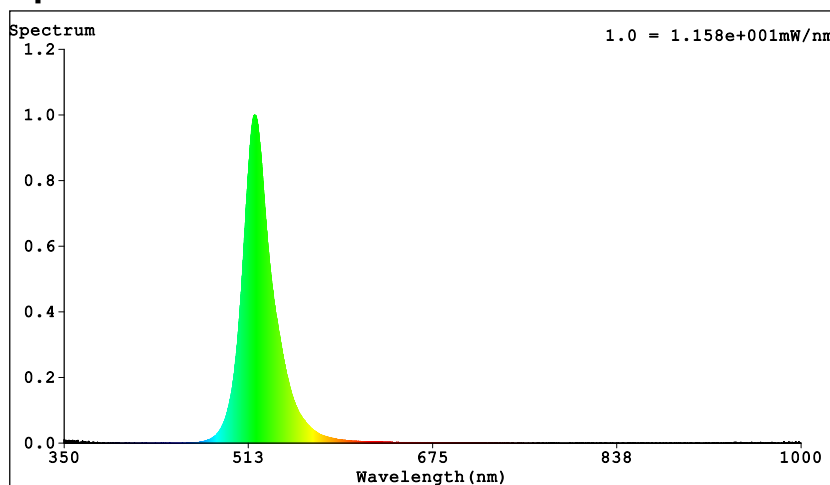
Date : 2023-12-08
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH : 65.0%
IP : 49495 (76%)
T : 383 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1530$ $y = 0.7414$ / $u' = 0.0528$ $v' = 0.5757$ ($duv=1.64e-01$)

CCT= 8015K Prpc WL: Ld=525.2nm Purity=82.9%

Peak WL: Lp=518nm FWHM: =25.8nm Ratio:R=0.4% G=98.1% B=1.6%

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 = 2.7

Photometric & Radiometric Parameters

Flux = 178.20 lm Eff. : 33.49 lm/W Fe = 373.68 mW

EEL: 0.25979 B

EEC: 33.5 G

Electrical parameters

V = 24.00 V I = 0.2217 A P = 5.320 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

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Spectrum Test Report

Sample :
Specification : S010840ZC3SF B
Sample No. : 10106-0318-00
Manufacturer : iPixel LED

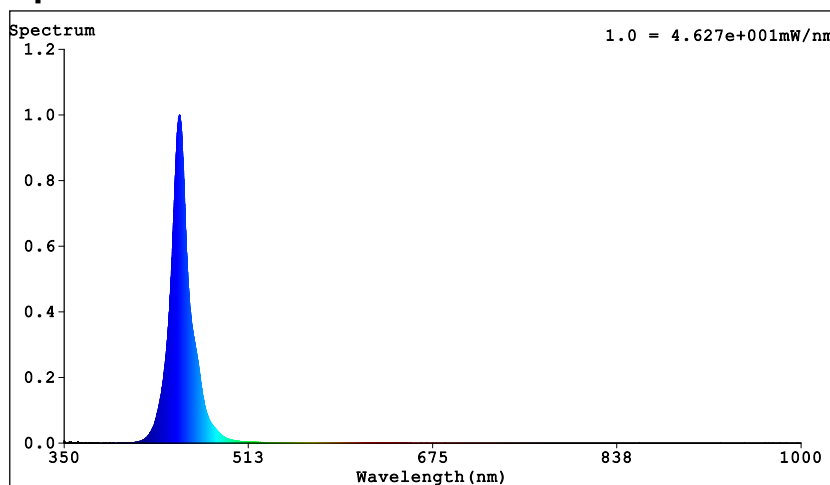
Date : 2023-12-08
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

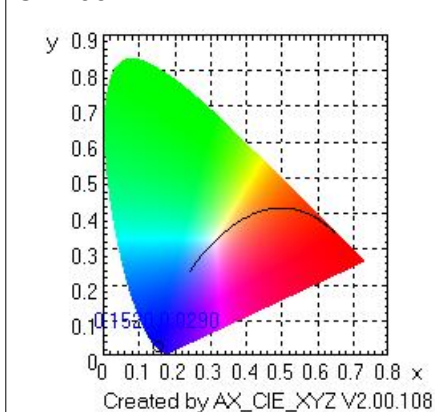
Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Accuracy Test

RH : 65.0%
IP : 50408 (77%)
T : 147 ms
Sensitivity : High

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1520$ $y = 0.0290$ / $u' = 0.1996$ $v' = 0.0858$ ($duv = -2.10e-01$)

CCT $\geq 100000K$ Prcp WL: $L_d = 456.3nm$ Purity = 98.5%

Peak WL: $L_p = 452nm$ FWHM: $= 14.9nm$ Ratio: $R = 1.0\%$ $G = 11.4\%$ $B = 87.6\%$

Render Index: $R_a = 1.2$ TM30: $R_f = 0$ $R_g = 20$

$R_1 = 0$ $R_2 = 0$ $R_3 = 0$ $R_4 = 0$ $R_5 = 9$ $R_6 = 0$ $R_7 = 0$
 $R_8 = 0$ $R_9 = 0$ $R_{10} = 0$ $R_{11} = 0$ $R_{12} = 0$ $R_{13} = 0$ $R_{14} = 0$ $R_{15} = 8$

LEVEL:OUT

TLCI Parameters: TLCI = 0.7

Photometric & Radiometric Parameters

Flux = 37.083 lm Eff. : 6.96 lm/W $\Phi_e = 953.35 mW$

EEL: 0.74243 C

EEC: 7.0 G

Electrical parameters

$V = 24.00 V$ $I = 0.2220 A$ $P = 5.328 W$ PF = 1.000

Freq = 0.00 Hz

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iPixel LED

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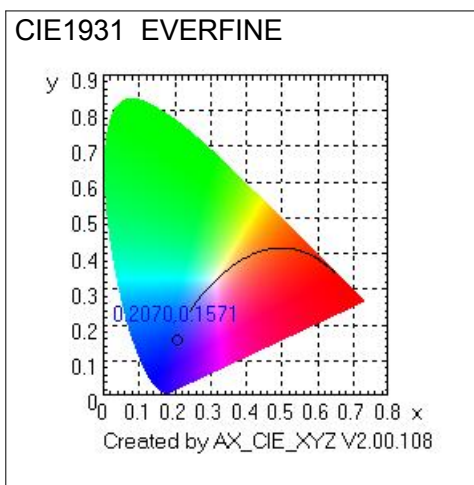
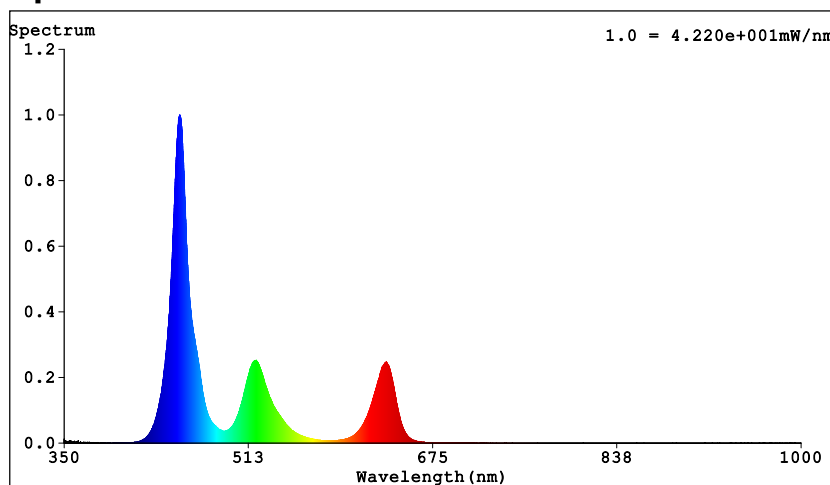
Spectrum Test Report

Sample	:		Date	:	2023-12-08
Specification	:	S010840ZC3SF Mixed	Sam. Status	:	1M
Sample No.	:	10106-0318-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LEIXIAOLAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	46122 (70%)
Test Mode	:	Accuracy Test	T	:	147 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2070$ $y = 0.1571$ / $u' = 0.1852$ $v' = 0.3162$ ($duv = -5.54e-02$)

CCT>=100000K Prcp WL: Ld=467.8nm Purity=62.0%

Peak WL: Lp=452nm FWHM: =15.2nm Ratio:R=19.0% G=67.6% B=13.4%

Render Index: Ra = 59.9 TM30:Rf=42 Rg=146

R1 =44 R2 =58 R3 =78 R4 =72 R5 =62 R6 =58 R7 =79

R8 =28 R9 =0 R10=0 R11=44 R12=64 R13=40 R14=86 R15=18

LEVEL:OUT

TLCI Parameters: TLCI = 19.8

Photometric & Radiometric Parameters

Flux = 245.31 lm Eff. : 17.21 lm/W Fe = 1.4818 W

EEL: 0.55254 B

EEC: 17.2 G

Electrical parameters

V = 24.00 V I = 0.5941 A P = 14.26 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>