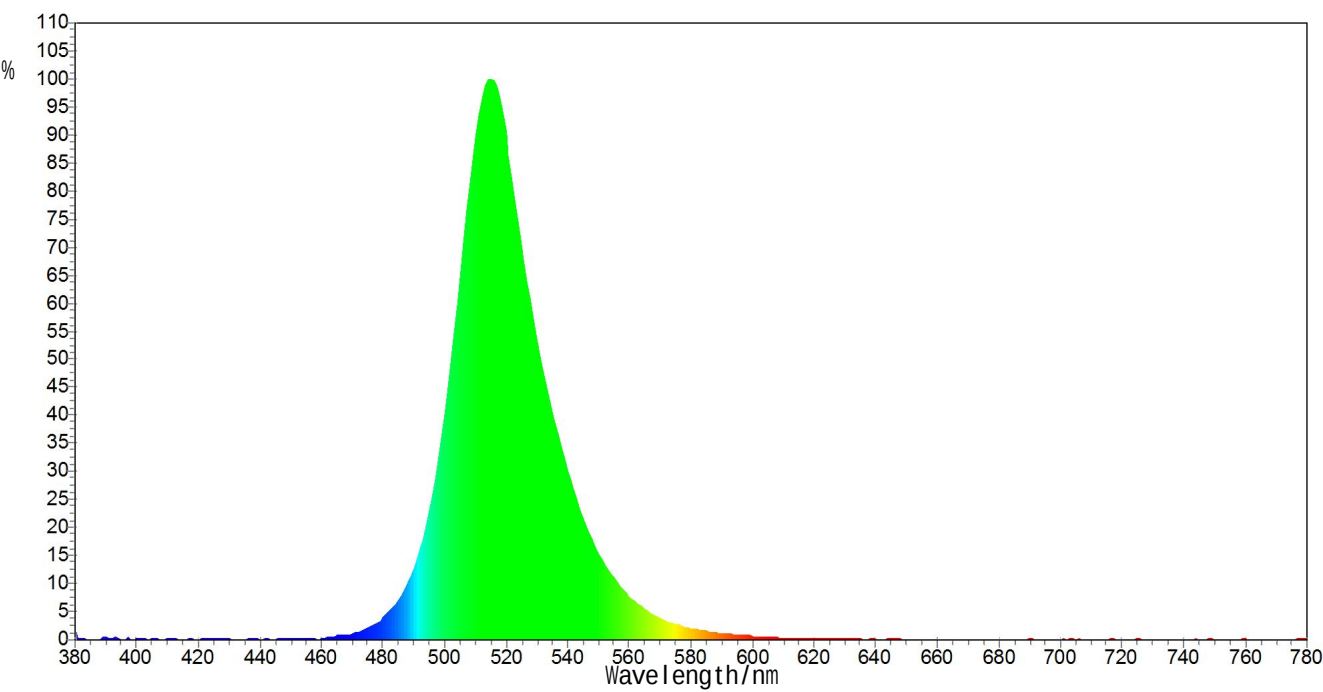
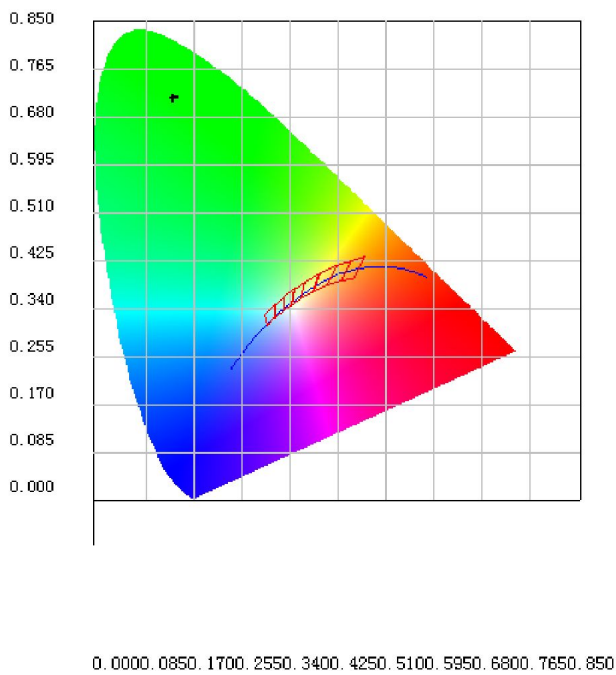


LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

					0.850		
x:	0.1398		y:	0.7161		0.765	
u:	0.0494		v:	0.3798		0.680	
WD:	520.8 nm		WP:	514.9 nm		0.595	
HW:	29.8 nm		Purity:	0.764		0.510	
CCT:	8477 K		Ra:	-26.1		0.425	
SDCM :	310.76		DUV :	0.1649		0.340	
Ratio :	R%:	0.7	G%:	88.6	B%:	10.7	0.170
Kred	0.21%	Kgreen	94.67%	Kblue	5.12%	0.085	
R1:	-35.7	R2:	-12.8	R3:	-31.3	0.000	
R4:	-65.4	R5:	-7.5	R6:	-16.8		
R7:	-8.5	R8:	-30.6	R9:	-352.0		
R10:	-113.9	R11:	-50.5	R12:	-31.5		
R13:	-44.4	R14:	35.1	R15:	-32.7		
Rf :	0.0	Rg :	0.0				



Electrical parameters

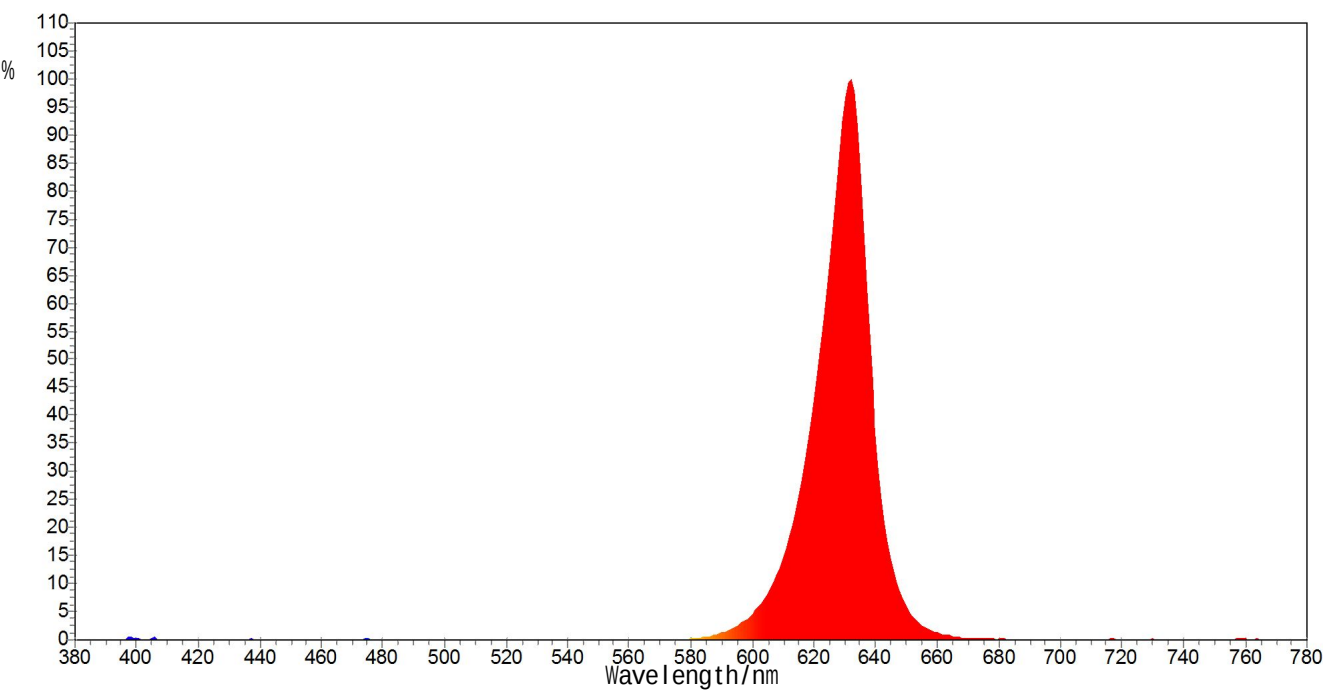
Flux:	180.734 lm	E:	38.299 lm/w	P:	420.17 mw	
I:	944.0 mA	V:	5.00 V	P:	4.719 w	PF:

Memo:

1M

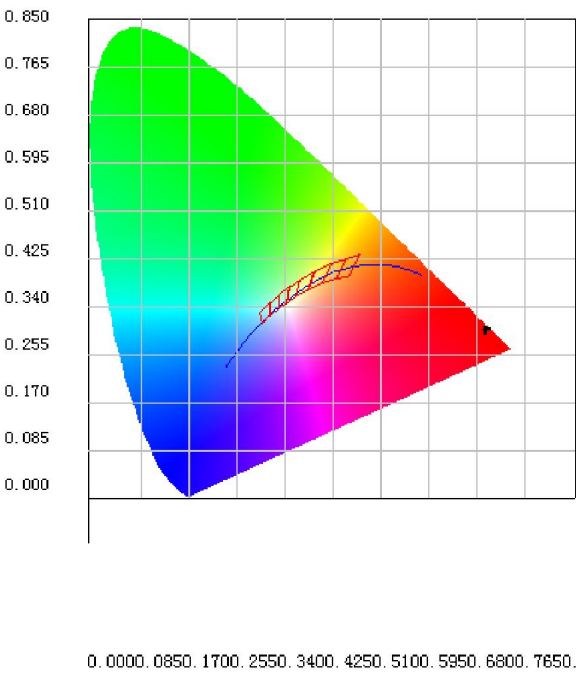
Product Mode:	S008060CA3SA1-RGB-G	Item No:	10104-0444-00
Tester:	LIUYUANFEN	Date:	2022-4-25
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:		organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.6940 y: 0.3038
u: 0.5280 v: 0.3467
WD: 622.5 nm WP: 632.1 nm
HW: 17.1 nm Purity: 0.994
CCT: 4798 K Ra: -33.8
SDCM : 197.93 DUV : -0.0011
Ratio: R%: 98.0 G%: 1.7 B%: 0.3
Kred 94.41% Kgreen 5.51% Kblue 0.07%
R1: -68.9 R2: -0.7 R3: 36.7
R4: -104.4 R5: -111.8 R6: -86.5
R7: 60.5 R8: 4.8 R9: -290.5
R10: -81.0 R11: 13.4 R12: -77.0
R13: -69.6 R14: 48.5 R15: -32.8
Rf : 0.0 Rg : 0.0



Electrical parameters

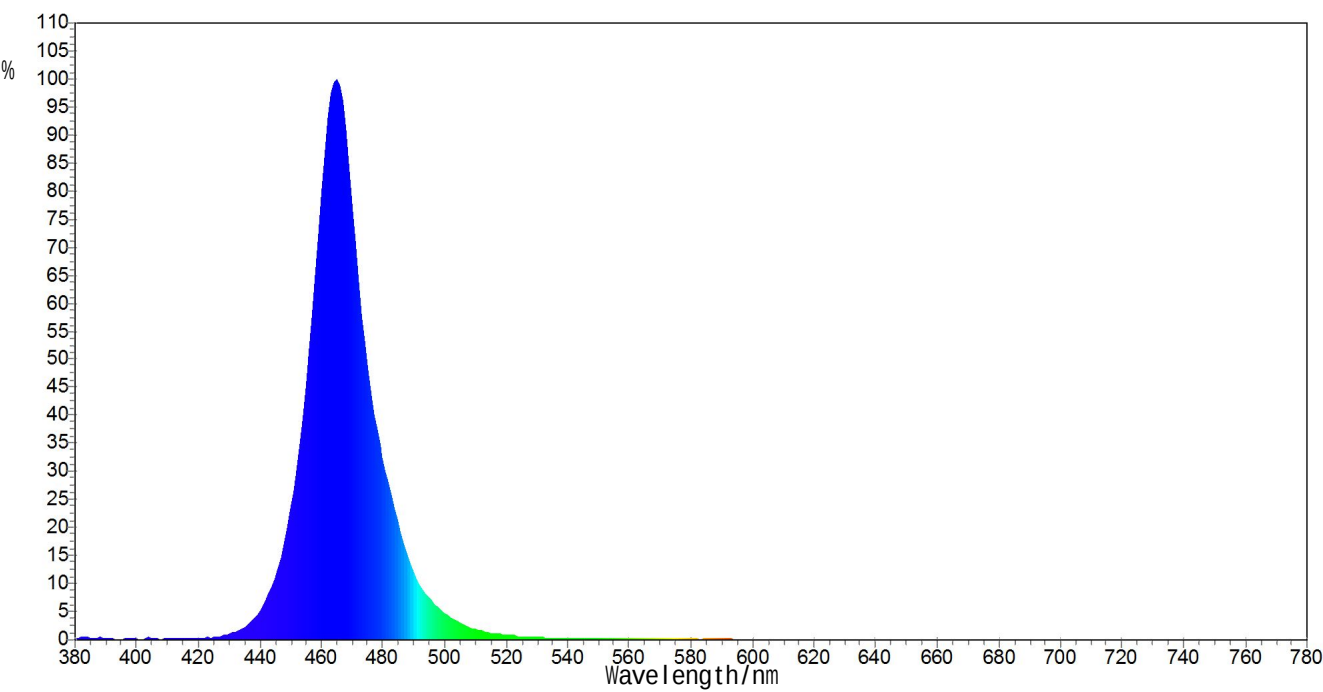
Flux: 52.126 lm E: 11.148 lm/w P: 268.83 mw
I: 935.4 mA V: 5.00 V P: 4.676 w PF:

Memo:

1M

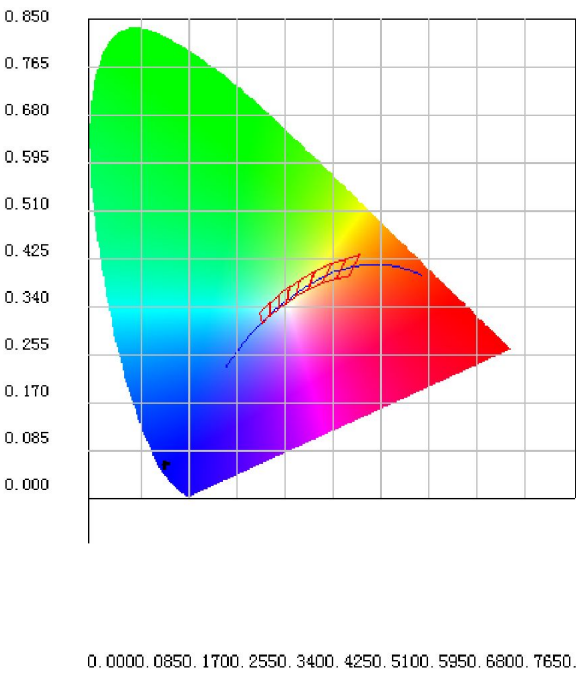
Product Mode:	S008060CA3SA1-RGB-R	Item No:	10104-0444-00
Tester:	LIUYUANFEN	Date:	2022-4-25
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:		organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.1337 y: 0.0633
u: 0.1531 v: 0.1088
WD: 469.1 nm WP: 465.4 nm
HW: 19.2 nm Purity: 0.966
CCT: 1808 K Ra: -74.2
SDCM : 164.62 DUV : -0.1406
Ratio: R%: 0.4 G%: 2.6 B%: 97.0
Kred 0.64% Kgreen 14.36% Kblue 85.00%
R1: -69.4 R2: 26.2 R3: -94.9
R4: -140.9 R5: -70.8 R6: 4.4
R7: -62.3 R8: -185.9 R9: -489.0
R10: -66.1 R11: -72.8 R12: -99.1
R13: -35.2 R14: -10.0 R15: -99.0
Rf : 0.0 Rg : 0.0



Electrical parameters

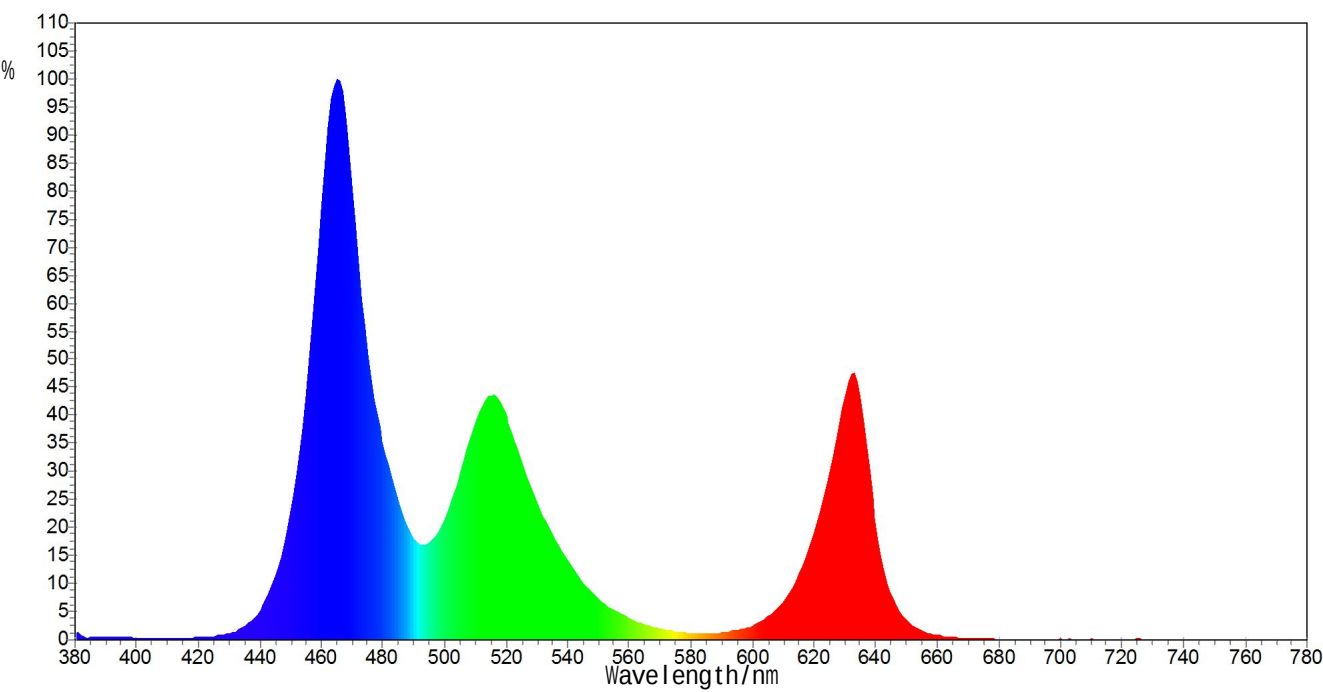
Flux: 44.337 lm E: 9.447 lm/w P: 828.55 mw
I: 938.7 mA V: 5.00 V P: 4.693 w PF:

Memo:

1M

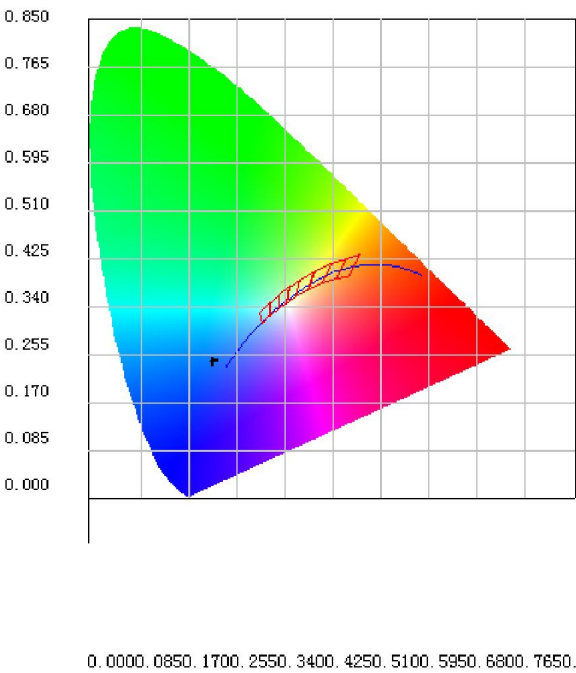
Product Mode:	S008060CA3SA1-RGB-B	Item No:	10104-0444-00
Tester:	LIUYUANFEN	Date:	2022-4-25
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:		organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.2179 y: 0.2459
u: 0.1581 v: 0.2675
WD: 481.2 nm WP: 466.2 nm
HW: 19.6 nm Purity: 0.467
CCT: 34281 K Ra: 56.2
SDCM : 108.34 DUV : 0.0222
Ratio: R%: 19.9 G%: 29.1 B%: 51.0
Kred 17.52% Kgreen 65.34% Kblue 17.14%
R1: 51.8 R2: 54.9 R3: 56.4
R4: 72.1 R5: 74.6 R6: 58.7
R7: 57.3 R8: 24.1 R9: -156.5
R10: -10.8 R11: 78.9 R12: 58.6
R13: 41.7 R14: 71.9 R15: 31.1
Rf : 0.0 Rg : 0.0



Electrical parameters

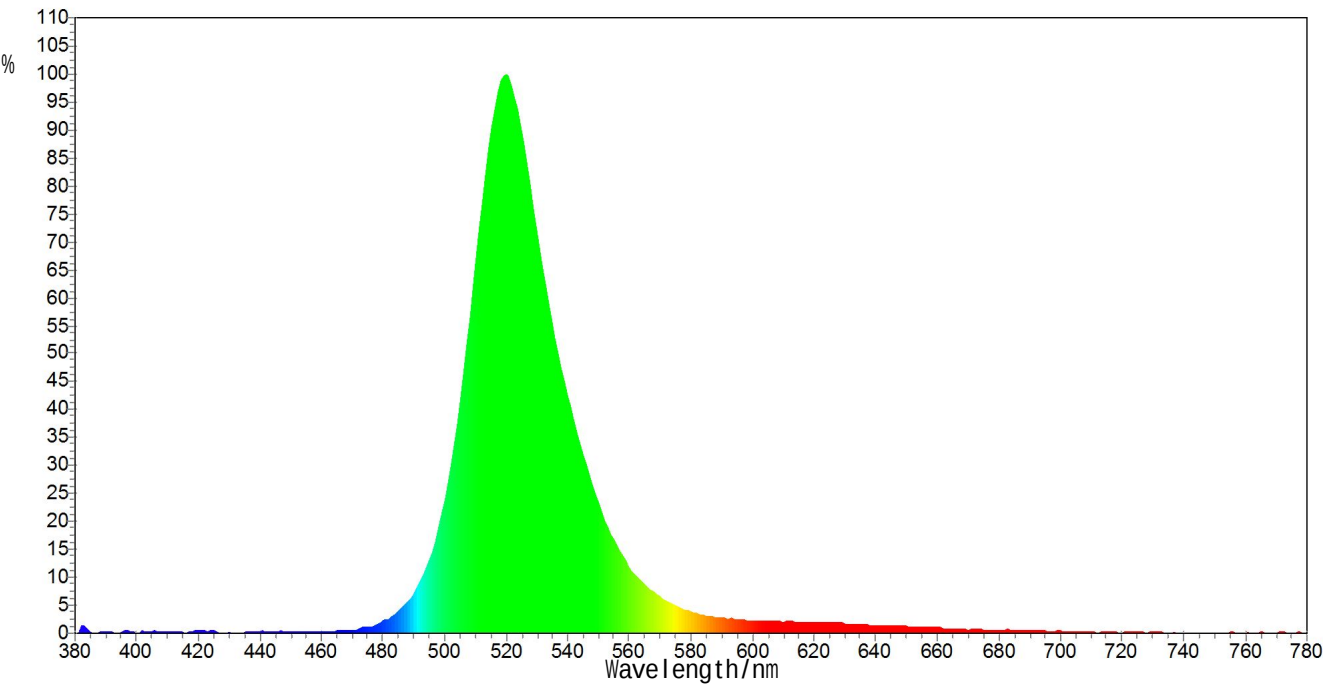
Flux: 256.974 lm E: 23.030 lm/w P: 1414.17 mw
I: 2232.1 mA V: 5.00 V P: 11.158 w PF:

Memo:

1M

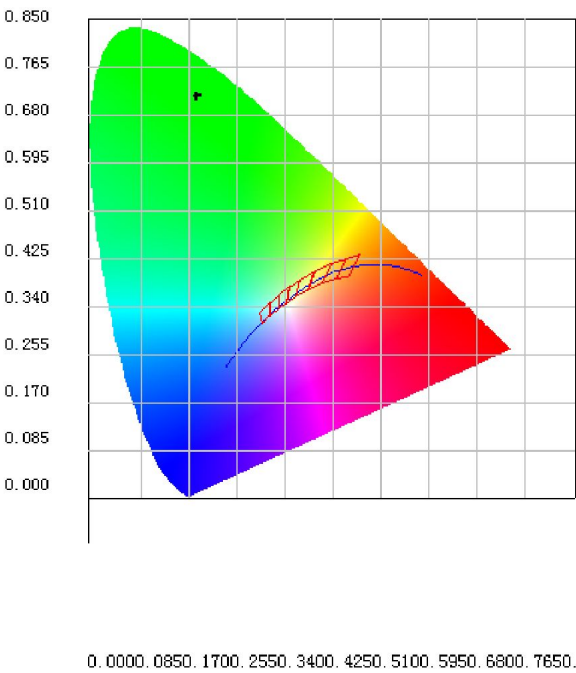
Product Mode:	S008060CA3SA1-RGB-混光	Item No:	10104-0444-00
Tester:	LIUYUANFEN	Date:	2022-4-25
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:		organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.1870 y: 0.7161
u: 0.0667 v: 0.3830
WD: 529.7 nm WP: 520.7 nm
HW: 30.5 nm Purity: 0.808
CCT: 7659 K Ra: -18.6
SDCM : 287.78 DUV : 0.1517
Ratio : R%: 3.7 G%: 90.2 B%: 6.1
Kred 1.16% Kgreen 96.28% Kblue 2.56%
R1: -25.7 R2: -9.4 R3: -26.0
R4: -58.5 R5: -2.1 R6: -8.0
R7: 1.4 R8: -20.7 R9: -308.4
R10: -104.9 R11: -45.6 R12: -26.5
R13: -35.0 R14: 37.7 R15: -26.7
Rf : 0.0 Rg : 0.0



Electrical parameters

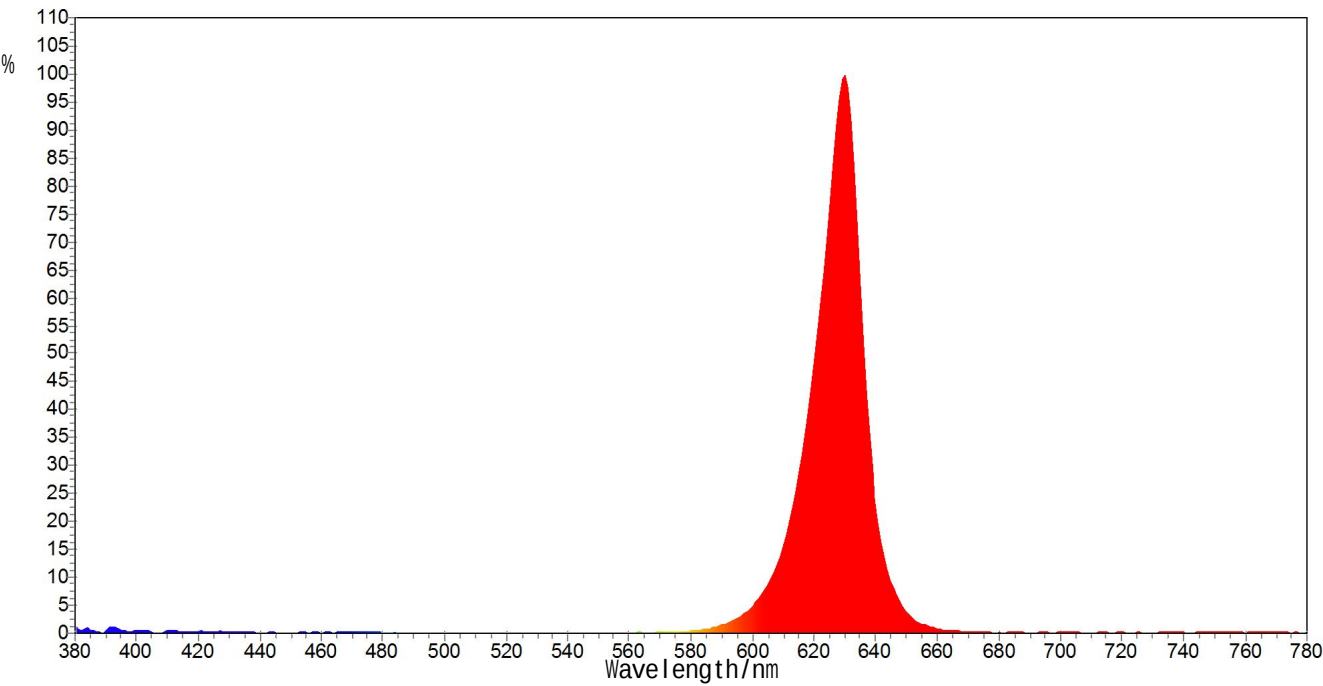
Flux: 119.592 lm E: 34.584 lm/w P: 254.75 mw
I: 691.5 mA V: 5.00 V P: 3.458 w PF:

Memo:

1M

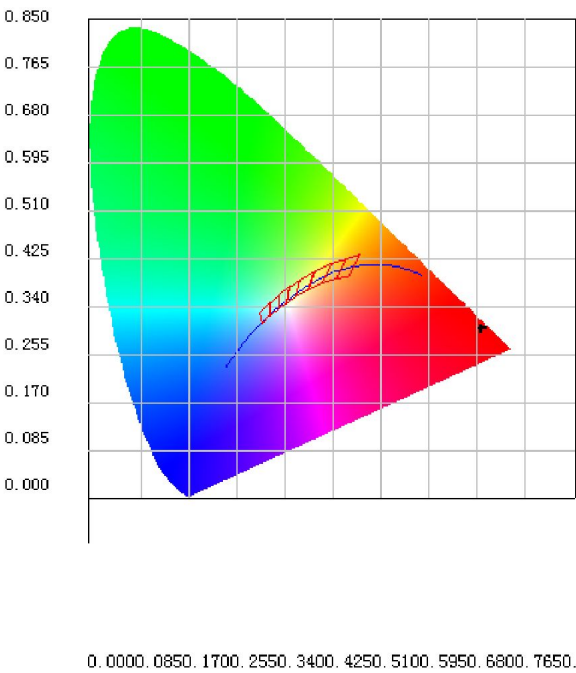
Product Mode:	S008060CA4SA1 RGB G	Item No:	10104-0533-00
Tester:	DINGNANJUAN	Date:	2023-2-25
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.6849 y: 0.3046
u: 0.5183 v: 0.3458
WD: 622.4 nm WP: 630.3 nm
HW: 16.4 nm Purity: 0.969
CCT: 4586 K Ra: -10.3
SDCM : 188.29 DUV : -0.0029
Ratio: R%: 96.1 G%: 2.2 B%: 1.7
Kred 92.91% Kgreen 6.92% Kblue 0.18%
R1: -73.4 R2: -4.0 R3: 59.5
R4: -25.2 R5: -20.5 R6: -12.6
R7: 27.9 R8: -34.1 R9: -259.3
R10: -72.7 R11: 65.7 R12: -56.1
R13: -78.9 R14: 73.2 R15: -42.4
Rf : 0.0 Rg : 0.0



Electrical parameters

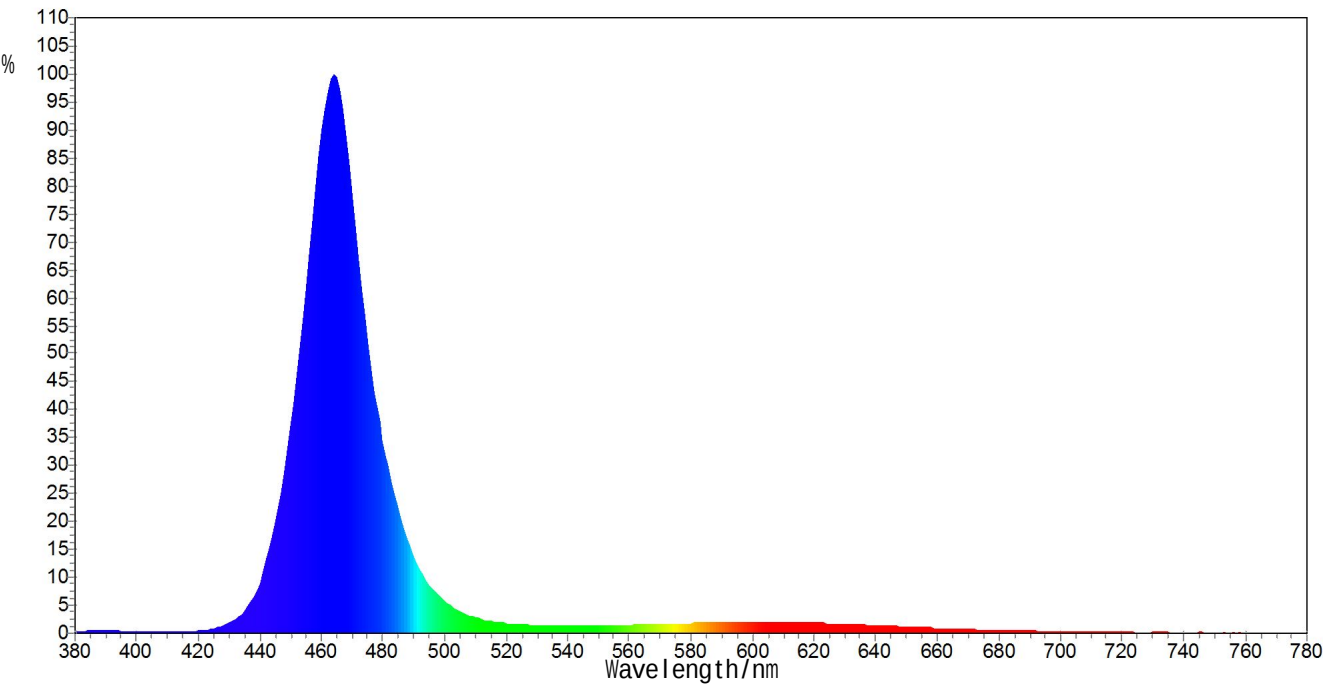
Flux: 40.468 lm E: 18.504 lm/w P: 220.99 mw
I: 437.3 mA V: 5.00 V P: 2.187 w PF:

Memo:

1M

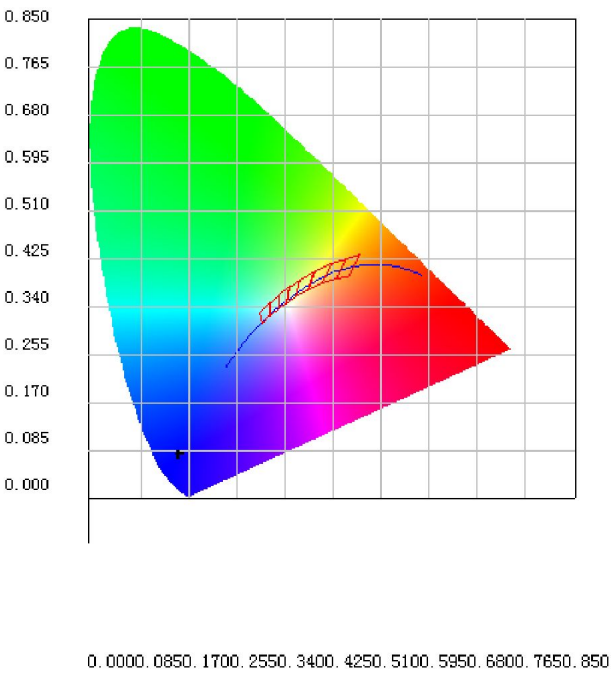
Product Mode:	S008060CA4SA1 RGB R	Item No:	10104-0533-00
Tester:	DINGNANJUAN	Date:	2023-2-25
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.1566 y: 0.0835
u: 0.1698 v: 0.1358
WD: 467.3 nm WP: 465.1 nm
HW: 22.9 nm Purity: 0.872
CCT: 1920 K Ra: -62.6
SDCM : 155.18 DUV : -0.1224
Ratio: R%: 4.5 G%: 6.2 B%: 89.3
Kred 7.32% Kgreen 35.06% Kblue 57.63%
R1: 21.1 R2: 7.3 R3: -165.4
R4: -110.3 R5: 6.5 R6: 3.0
R7: -99.6 R8: -163.6 R9: -245.2
R10: -159.3 R11: -56.9 R12: -78.9
R13: 54.3 R14: -44.9 R15: -19.1
Rf : 0.0 Rg : 0.0



Electrical parameters

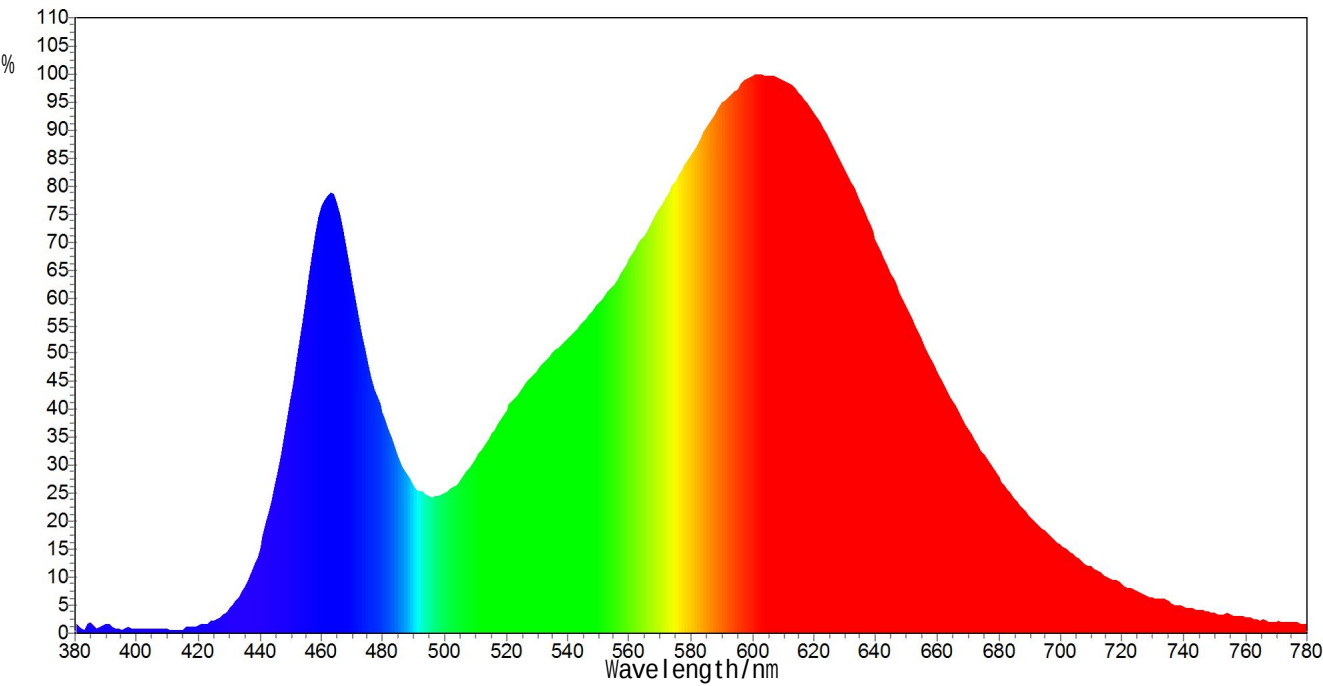
Flux: 33.911 lm E: 9.815 lm/w P: 474.33 mw
I: 691.0 mA V: 5.00 V P: 3.455 w PF:

Memo:

1M

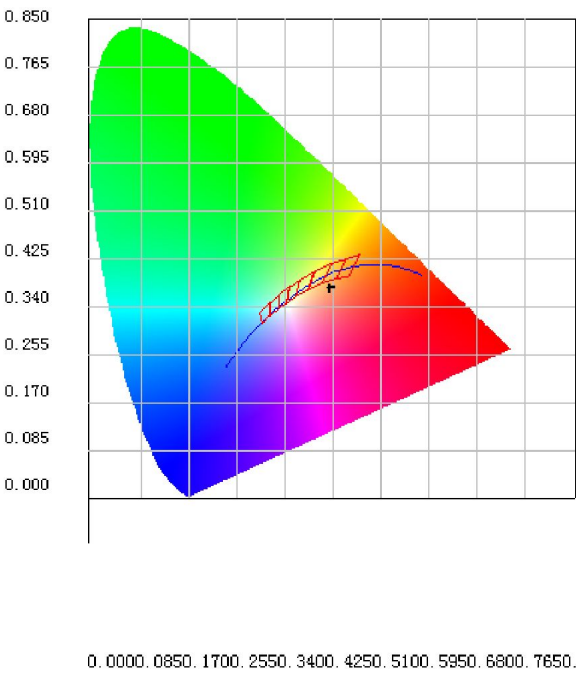
Product Mode:	S008060CA4SA1 RGB B	Item No:	10104-0533-00
Tester:	DINGNANJUAN	Date:	2023-2-25
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.4204 y: 0.3769
u: 0.2517 v: 0.3384
WD: 586.7 nm WP: 602.3 nm
HW: 122.2 nm Purity: 0.393
CCT: 3073 K Ra: 82.7
SDCM : 11.73 DUV : -0.0089
Ratio : R%: 42.1 G%: 39.5 B%: 18.4
Kred 20.70% Kgreen 75.17% Kblue 4.13%
R1: 84.7 R2: 97.3 R3: 89.7
R4: 77.5 R5: 85.9 R6: 91.9
R7: 76.3 R8: 58.5 R9: 17.8
R10: 92.0 R11: 63.5 R12: 71.0
R13: 88.1 R14: 96.1 R15: 79.3
Rf : 0.0 Rg : 0.0



Electrical parameters

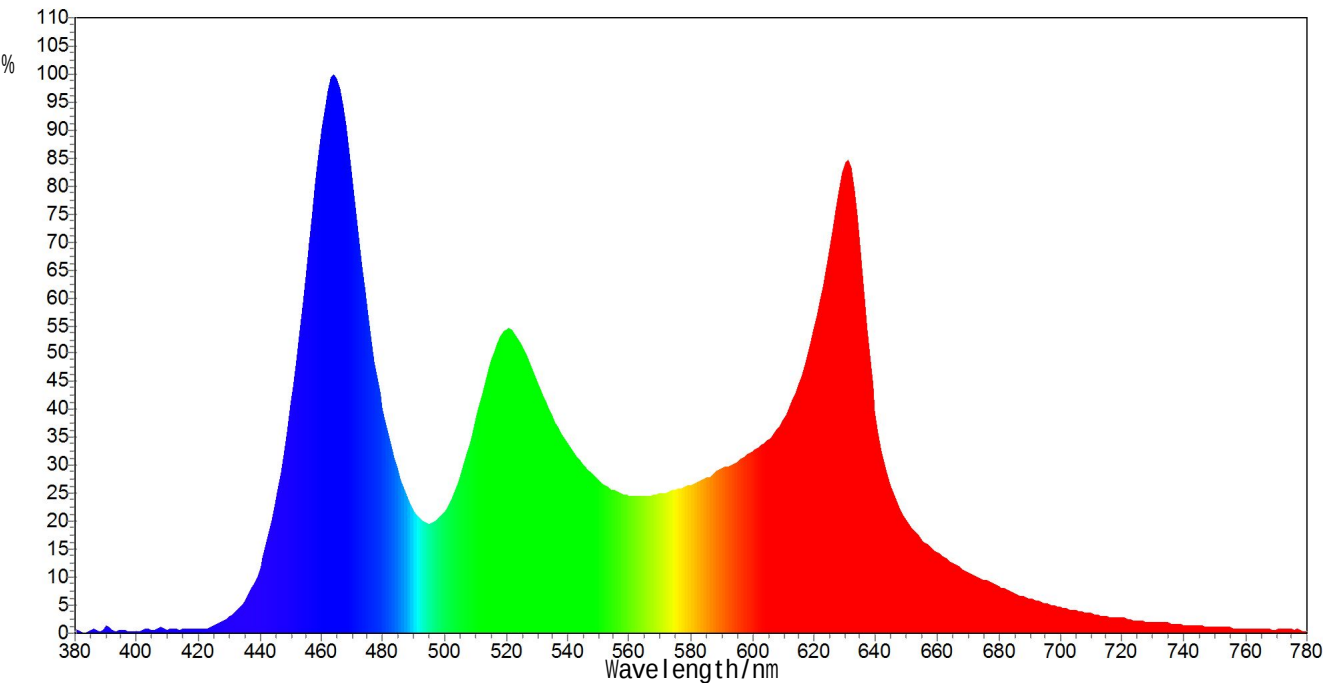
Flux: 193.396 lm E: 32.674 lm/w P: 660.60 mw
I: 1183.7 mA V: 5.00 V P: 5.919 w PF:

Memo:

1M

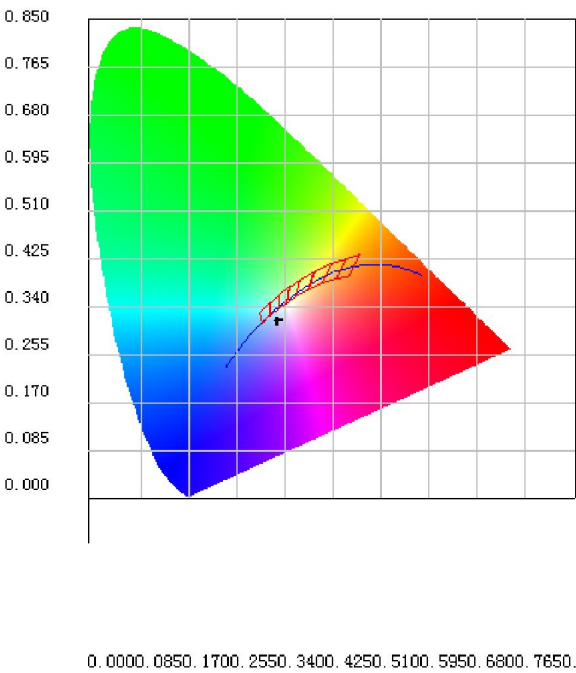
Product Mode:	S008060CA4SA1 RGB 2800-3200K	Item No:	10104-0533-00
Tester:	DINGNANJUAN	Date:	2023-2-25
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.3288 y: 0.3194
u: 0.2130 v: 0.3104
WD: -565.9 nm WP: 465.1 nm
HW: 24.4 nm Purity: 0.046
CCT: 5685 K Ra: 72.1
SDCM: 55.85 DUV: -0.0099
Ratio: R%: 33.0 G%: 34.9 B%: 32.1
Kred 20.68% Kgreen 71.39% Kblue 7.94%
R1: 59.4 R2: 74.7 R3: 92.3
R4: 70.2 R5: 67.2 R6: 69.2
R7: 85.2 R8: 58.3 R9: -12.6
R10: 49.5 R11: 84.3 R12: 58.7
R13: 60.2 R14: 93.6 R15: 55.9
Rf: 0.0 Rg: 0.0



Electrical parameters

Flux: 381.392 lm E: 29.336 lm/w P: 1553.33 mw
I: 2600.7 mA V: 5.00 V P: 13.001 w PF:

Memo:

1M

Product Mode:	S008060CA4SA1 RGB 混光	Item No:	10104-0533-00
Tester:	DINGNANJUAN	Date:	2023-2-25
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

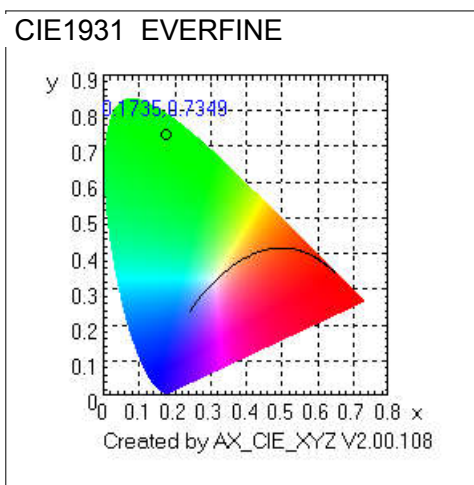
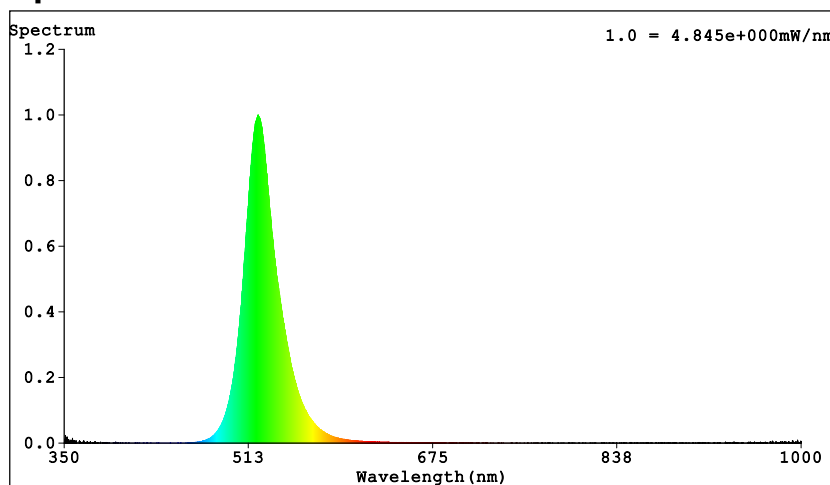
Spectrum Test Report

Sample	:		Date	:	2025-03-19
Specification	:	S005048CA3SA1 G	Sam. Status	:	1M
Sample No.	:	10104-1335-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LINZINA

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	50752 (77%)
Test Mode	:	Accuracy Test	T	:	1155 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1735$ $y = 0.7349$ / $u' = 0.0605$ $v' = 0.5766$ ($duv=1.58e-01$)

CCT= 7717K Prcp WL: $L_d=528.5nm$ Purity=83.8%

Peak WL: $L_p=521nm$ FWHM: $=30.0nm$ Ratio:R=0.3% G=98.2% B=1.5%

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 = 87.701 lm Eff. : 44.34 lm/W Fe = 176.04 mW

EEL: 0.15774 A+

EEC: 44.3 G

Electrical parameters

V = 4.999 V I = 0.3956 A P = 1.978 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

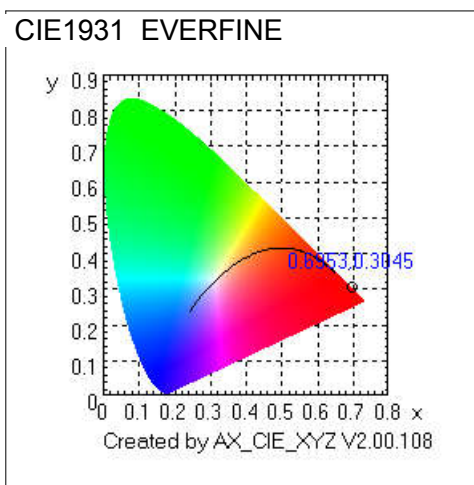
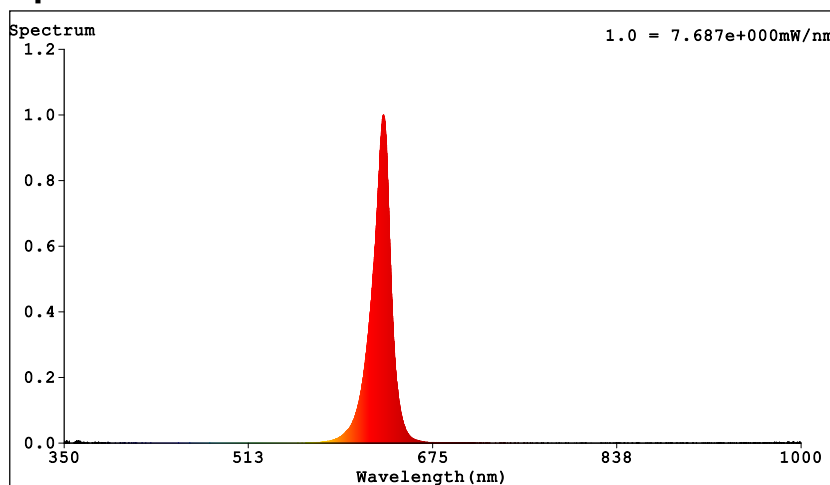
Spectrum Test Report

Sample	:		Date	:	2025-03-19
Specification	:	S005048CA3SA1 R	Sam. Status	:	1M
Sample No.	:	10104-1335-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LINZINA

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	48832 (75%)
Test Mode	:	Accuracy Test	T	:	852 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: Ld=622.0nm Purity=100.0%

Peak WL: Lp=632nm FWHM: =16.1nm Ratio:R=95.8% G=4.2% B=0.0%

Render Index: Ra = 26.4 TM30:Rf=1 Rg=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 = 3.0

Photometric & Radiometric Parameters

Flux = 30.145 lm Eff. : 15.31 lm/W Fe = 152.34 mW

EEL: 0.31215 B

EEC: 15.3 G

Electrical parameters

V = 4.999 V I = 0.3939 A P = 1.969 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

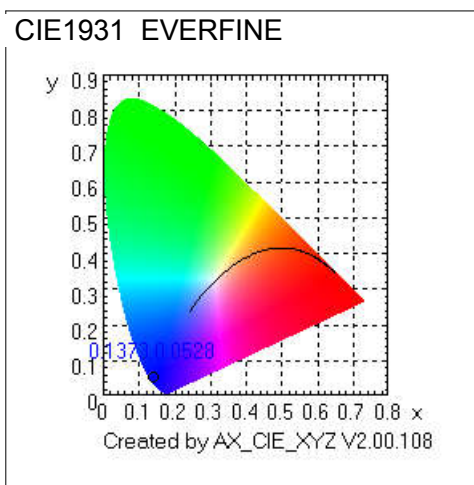
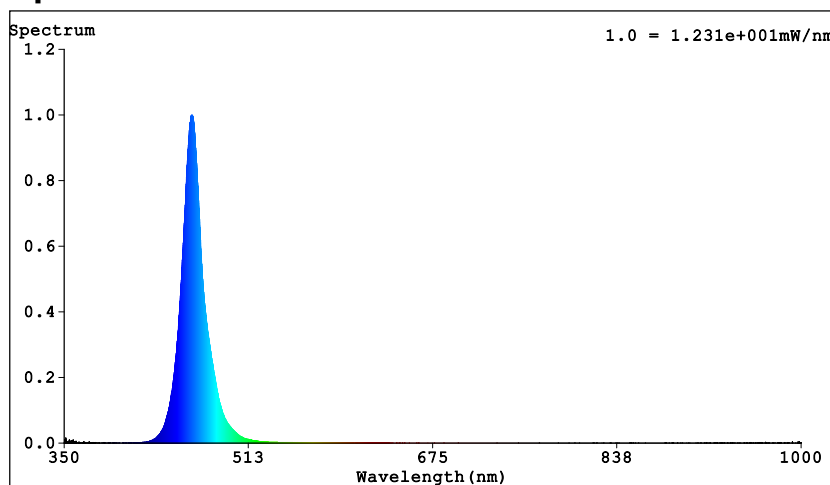
Spectrum Test Report

Sample	:		Date	:	2025-03-19
Specification	:	S005048CA3SA1 B	Sam. Status	:	1M
Sample No.	:	10104-1335-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LINZINA

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	49588 (76%)
Test Mode	:	Accuracy Test	T	:	587 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1373$ $y = 0.0528$ / $u' = 0.1635$ $v' = 0.1415$ ($duv = -1.72e-01$)

CCT $\geq 100000K$ Prcp WL: $L_d = 466.7nm$ Purity = 97.3%

Peak WL: $L_p = 463nm$ FWHM: $= 18.8nm$ Ratio: R=0.5% G=12.8% B=86.7%

Render Index: $R_a = 0.5$ TM30: $R_f = 0$ $R_g = 63$

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 = 0.8

Photometric & Radiometric Parameters

Flux = 18.270 lm Eff. : 9.15 lm/W Fe = 296.28 mW

EEI: 0.42901 B

EEC: 9.1 G

Electrical parameters

V = 4.999 V I = 0.3996 A P = 1.998 W PF = 1.000

Freq = 0.00 Hz

GBT5702

iPixel LED

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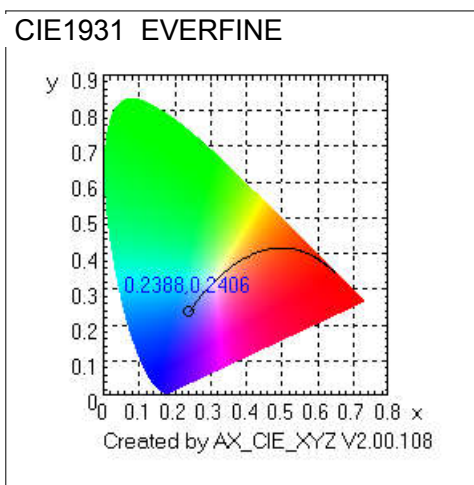
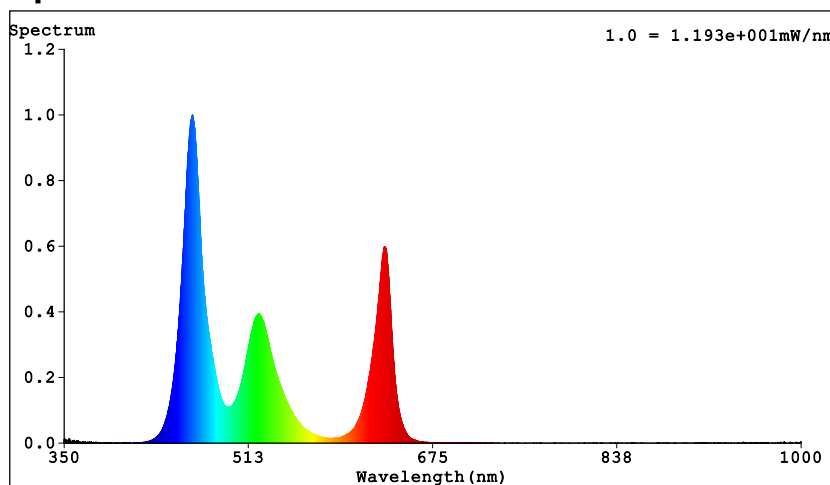
Spectrum Test Report

Sample	:		Date	:	2025-03-19
Specification	:	S005048CA3SA1 Mixed	Sam. Status	:	1M
Sample No.	:	10104-1335-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LINZINA

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	48196 (74%)
Test Mode	:	Accuracy Test	T	:	587 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2388$ $y = 0.2406$ / $u' = 0.1766$ $v' = 0.4003$ ($duv=4.15e-03$)

CCT>=100000K Prpc WL: Ld=477.3nm Purity=40.8%

Peak WL: Lp=463nm FWHM: =19.1nm Ratio:R=20.5% G=66.6% B=12.9%

Render Index: Ra = 52.6 TM30:Rf=53 Rg=114

R1 =36 R2 =63 R3 =78 R4 =57 R5 =59 R6 =66 R7 =60

R8 =1 R9 =0 R10=19 R11=50 R12=59 R13=39 R14=82 R15=12

LEVEL:OUT

TLCI Parameters: TLCI = 18.3

Photometric & Radiometric Parameters

Flux = 131.77 lm Eff. : 26.83 lm/W Fe = 606.88 mW

EEI: 0.29659 B

EEC: 26.8 G

Electrical parameters

V = 4.999 V I = 0.9823 A P = 4.911 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>