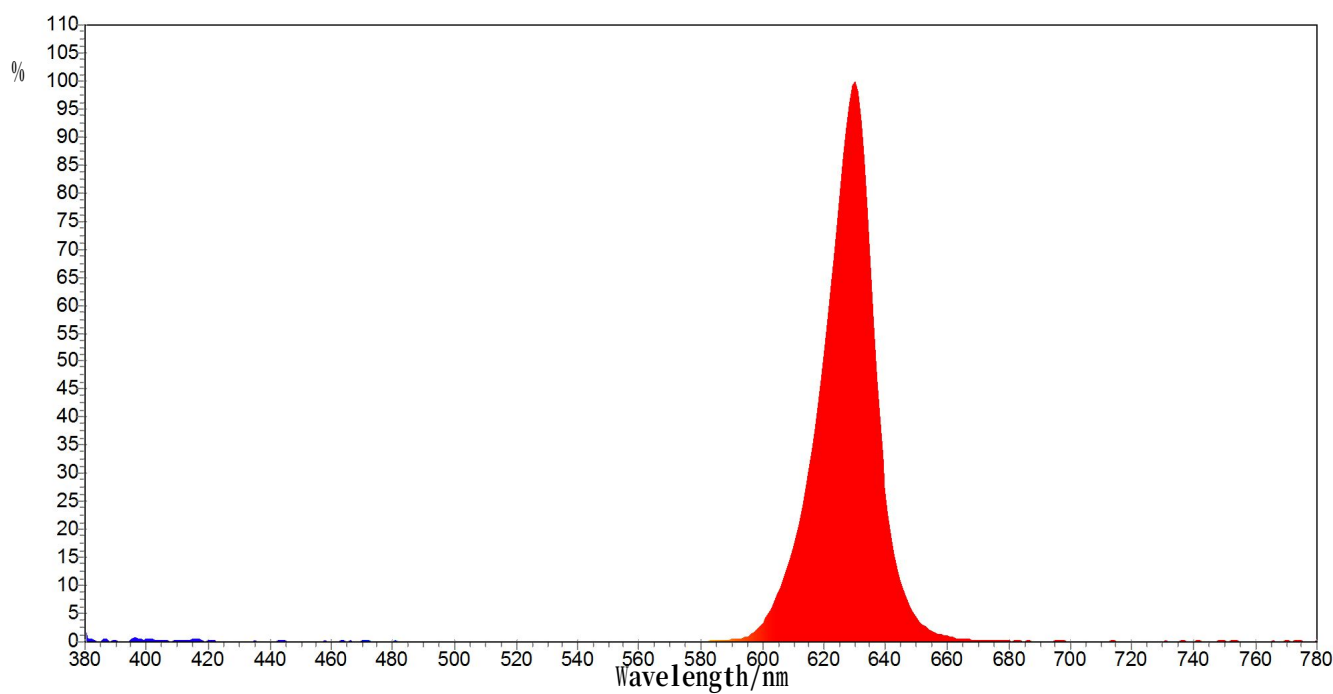
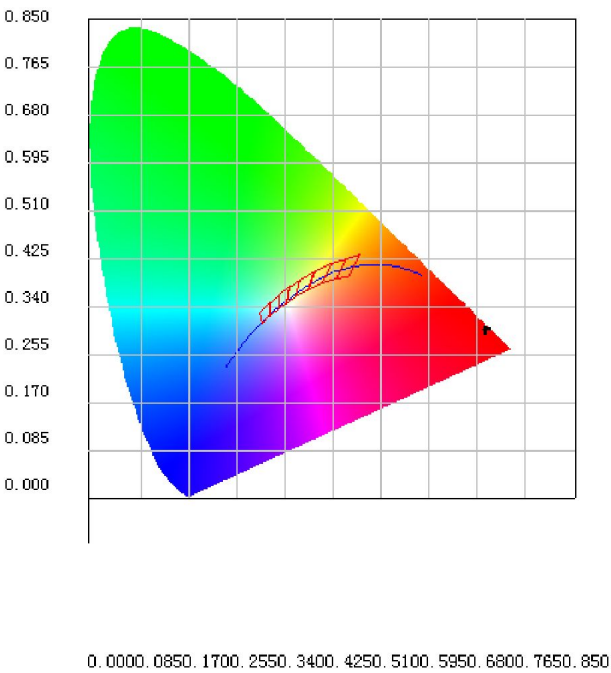


LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.6920 y: 0.3028
u: 0.5272 v: 0.3461
WD: 623.2 nm WP: 630.3 nm
HW: 17.5 nm Purity: 0.985
CCT: 4816 K Ra: -22.5
SDCM : 197.11 DUV : -0.0018
Ratio : R%: 98.1 G%: 0.8 B%: 1.1
Kred 96.72% Kgreen 3.18% Kblue 0.10%
R1: -84.1 R2: -7.3 R3: 55.8
R4: -62.6 R5: -66.9 R6: -42.3
R7: 59.1 R8: -31.6 R9: -335.1
R10: -88.6 R11: 38.8 R12: -67.0
R13: -83.7 R14: 64.4 R15: -63.2
Rf : 0.0 Rg : 0.0



Electrical parameters

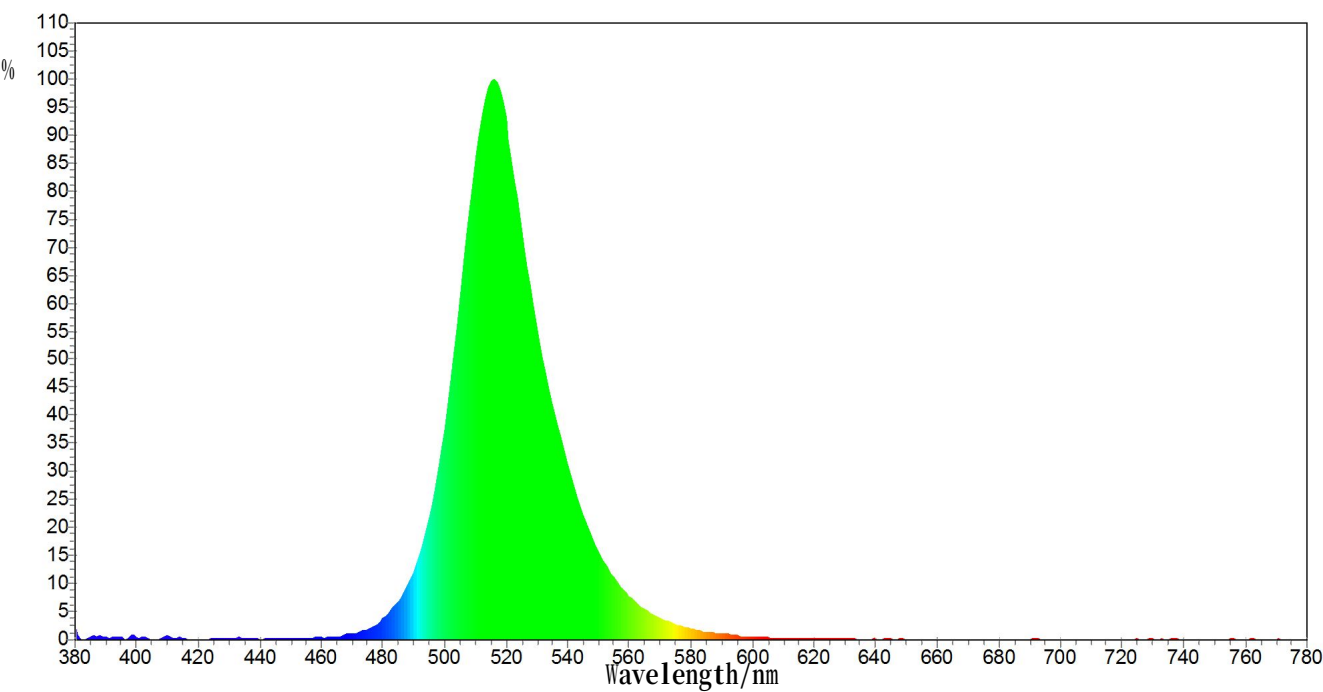
Flux: 95.789 lm E: 19.367 lm/w P: 499.90 mw
I: 206.1 mA V: 24.00 V P: 4.946 w PF:

Memo:

1M

Product Mode:	S010060CC3SF RGB R	Item No:	10105-0106-00
Tester:	yangchenyan	Date:	2022-5-31
Temperature:	28 (°C)	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.1405 y: 0.7187
u: 0.0495 v: 0.3802

WD: 521.1 nm WP: 516.7 nm
HW: 29.8 nm Purity: 0.770

CCT: 8448 K Ra: -25.4

SDCM : 311.56 DUV : 0.1650

Ratio : R%: 0.6 G%: 88.9 B%: 10.5

Kred 0.17% Kgreen 95.02% Kblue 4.80%

R1: -36.6 R2: -13.1 R3: -30.4

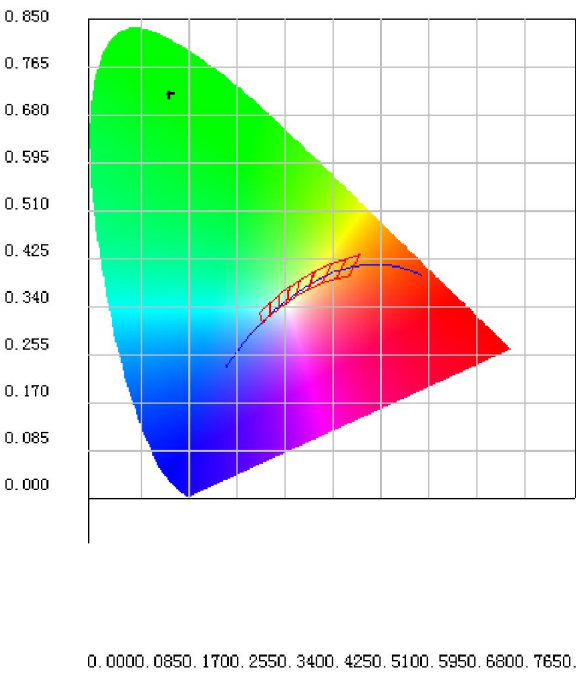
R4: -65.3 R5: -8.4 R6: -15.6

R7: -4.6 R8: -28.9 R9: -354.7

R10: -114.0 R11: -50.2 R12: -31.7

R13: -45.5 R14: 35.4 R15: -33.3

Rf : 0.0 Rg : 0.0



Electrical parameters

Flux: 256.029 lm E: 52.091 lm/w P: 591.03 mw

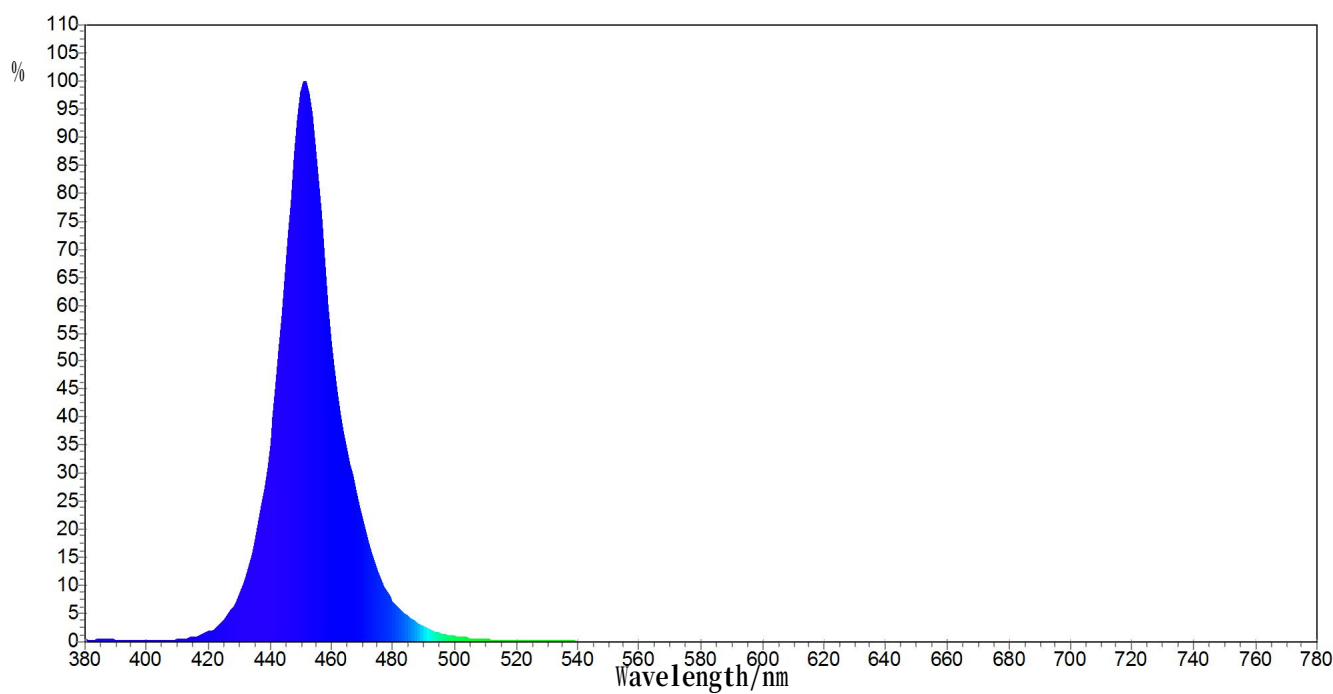
I: 204.8 mA V: 24.00 V P: 4.915 w PF:

Memo:

1M

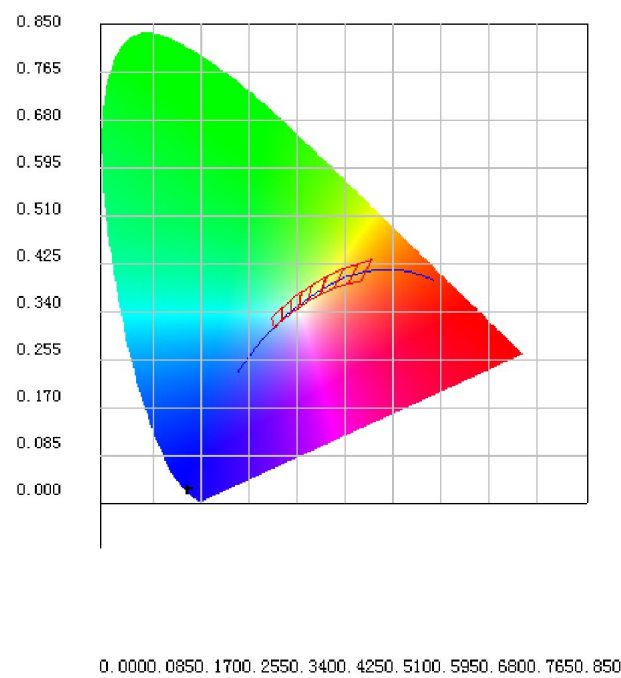
Product Mode:	S010060CC3SF RGB G	Item No:	10105-0106-00
Tester:	yangchenyan	Date:	2022-5-31
Temperature:	28 (°C)	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x:	0.1515	y:	0.0290			0.850
						0.765
u:	0.1990	v:	0.0571			0.680
						0.595
WD:	456.6 nm	WP:	452.5 nm			0.510
HW:	18.5 nm	Purity:	0.986			0.425
CCT:	1652 K	Ra:	-78.9			0.340
SDCM :	168.43	DUV :	-0.0989			0.255
Ratio :	R%: 0.3	G%: 0.8	B%: 98.9			0.170
						0.085
Kred	0.56%	Kgreen	9.38%	Kblue	90.06%	0.000
R1:	-67.2	R2:	16.8	R3:	-102.5	
R4:	-143.8	R5:	-71.2	R6:	0.7	
R7:	-71.8	R8:	-192.3	R9:	-486.1	
R10:	-91.4	R11:	-67.0	R12:	-104.1	
R13:	-34.0	R14:	-12.5	R15:	-99.5	
Rf :	0.0	Rg :	0.0			



Electrical parameters

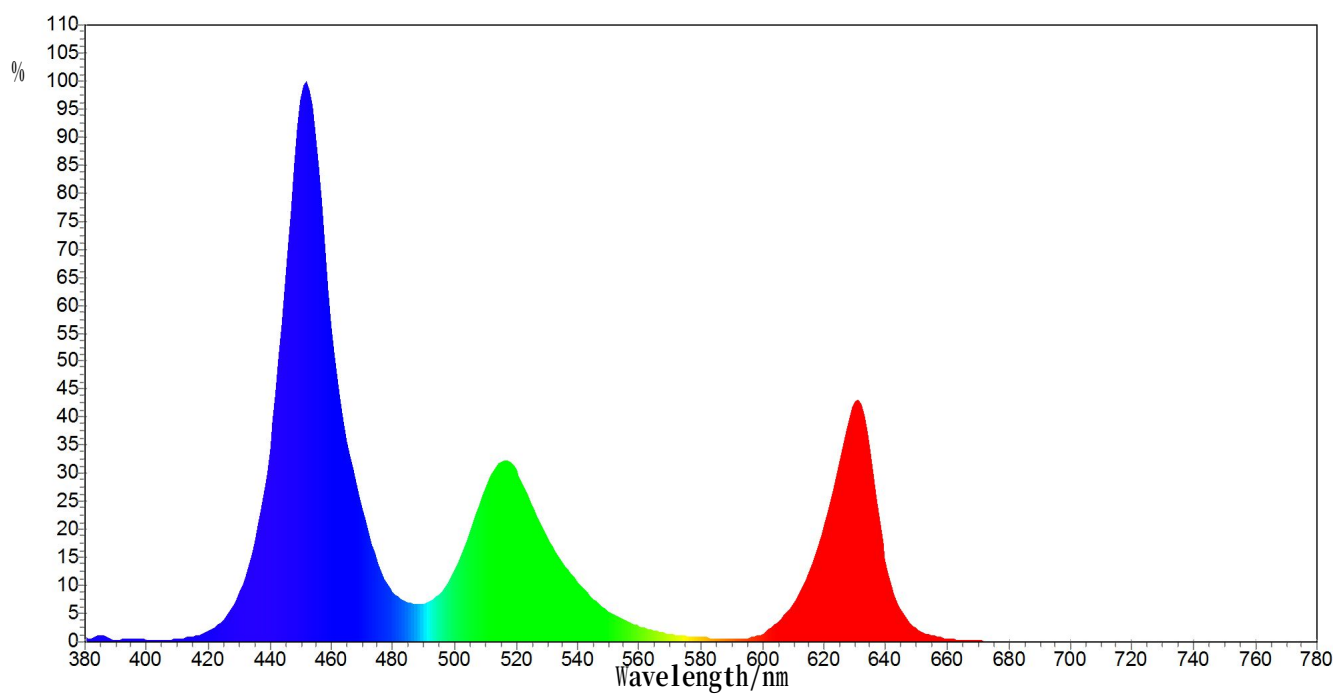
Flux:	44.662 lm	E:	9.081 lm/w	P:	1333.05 mW		
I:	204.9 mA	V:	24.00 V	P:	4.918 W	PF:	

Memo:

1M

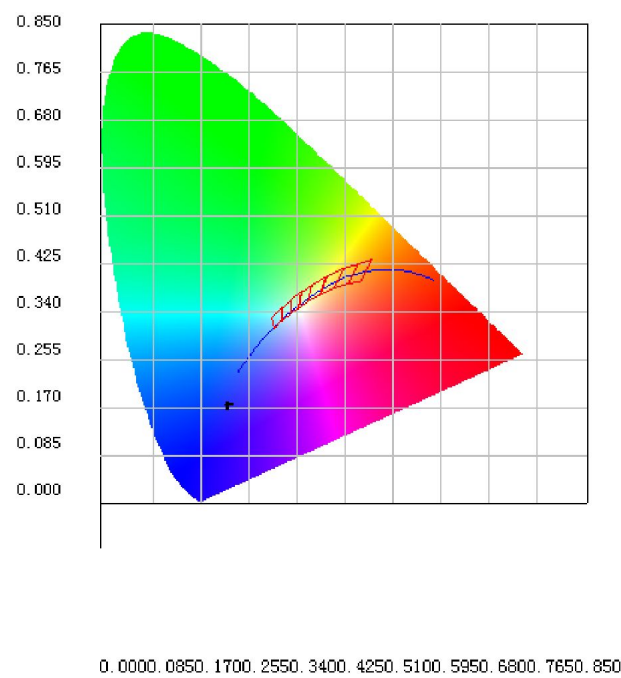
Product Mode:	S010060CC3SF RGB B	Item No:	10105-0106-00
Tester:	yangchenyan	Date:	2022-5-31
Temperature:	28 (°C)	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x:	0.2217	y:	0.1783			0.850
						0.765
u:	0.1888	v:	0.2278			0.680
						0.595
WD:	468.0 nm	WP:	452.5 nm			0.510
HW:	18.5 nm	Purity:	0.546			0.425
CCT:	-778657 K	Ra:	46.8			0.340
SDCM :	113.32	DUV :	-0.0179			0.255
Ratio :	R%: 20.4	G%: 23.9	B%: 55.7			0.170
						0.085
Kred	22.22%	Kgreen	64.38%	Kblue	13.40%	0.000
R1:	21.6	R2:	50.1	R3:	76.1	
R4:	49.1	R5:	49.0	R6:	55.9	
R7:	71.5	R8:	1.1	R9:	-248.4	
R10:	-21.7	R11:	42.2	R12:	59.2	
R13:	19.9	R14:	80.7	R15:	-3.8	
Rf :	0.0	Rg :	0.0			



Electrical parameters

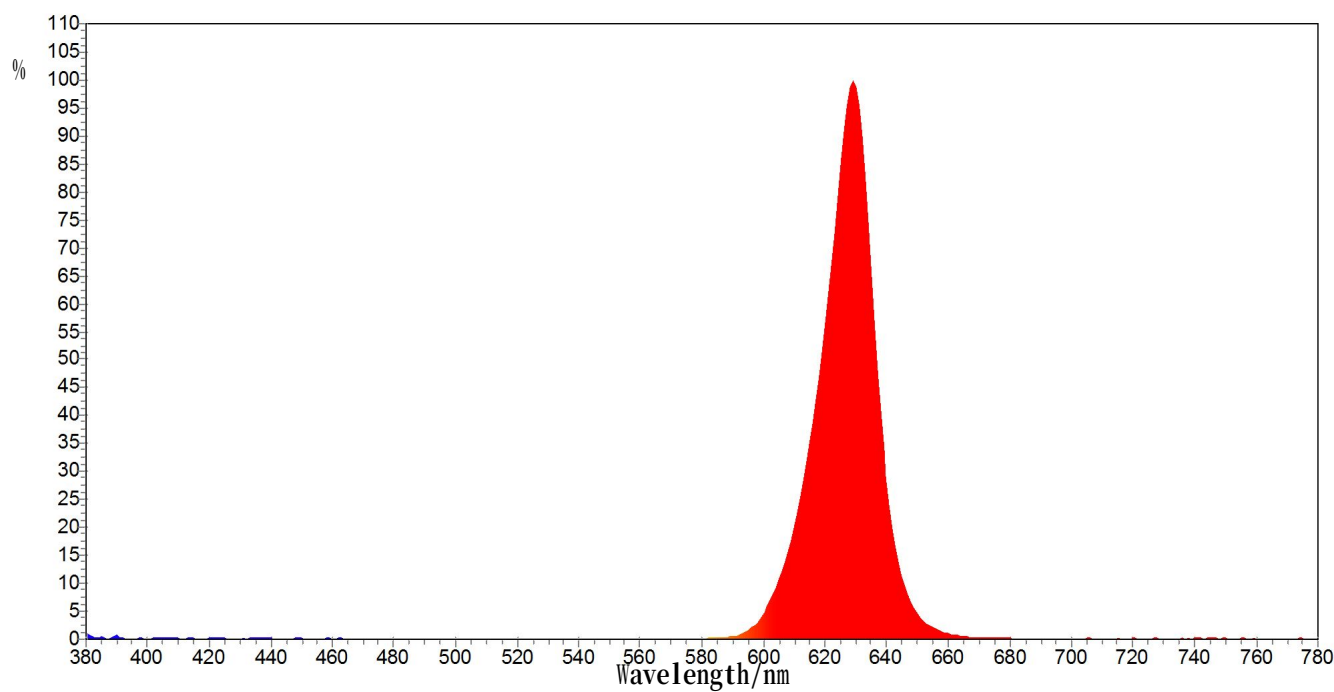
Flux:	366.567 lm	E:	31.076 lm/w	P:	2227.56 mw		
I:	491.5 mA	V:	24.00 V	P:	11.796 w	PF:	

Memo:

1M

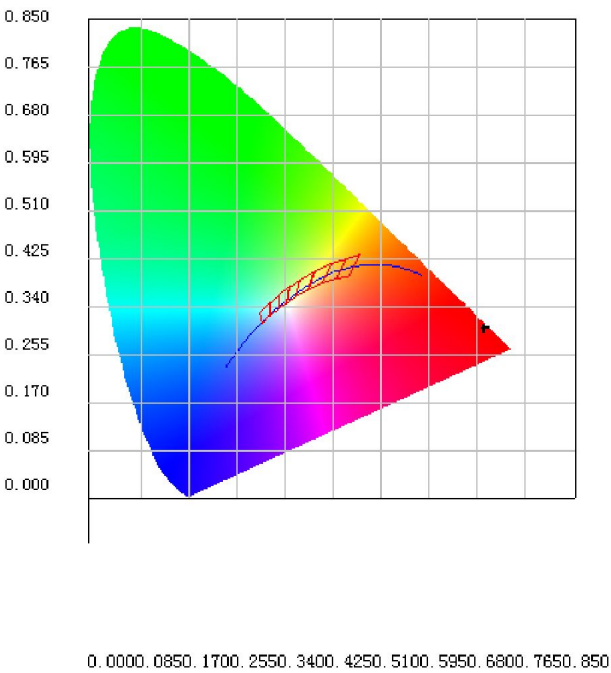
Product Mode:	S010060CC3SF RGB 混光	Item No:	10105-0106-00
Tester:	yangchenyan	Date:	2022-5-31
Temperature:	28 (°C)	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.6905 y: 0.3045
u: 0.5238 v: 0.3465
WD: 622.2 nm WP: 629.6 nm
HW: 18.5 nm Purity: 0.985
CCT: 4697 K Ra: -19.0
SDCM : 364.48 DUV : -0.0017
Ratio : R%: 98.0 G%: 1.2 B%: 0.8
Kred 95.84% Kgreen 4.09% Kblue 0.07%
R1: -89.3 R2: -10.3 R3: 62.1
R4: -47.5 R5: -44.9 R6: -26.2
R7: 43.0 R8: -38.5 R9: -321.1
R10: -86.7 R11: 54.4 R12: -65.7
R13: -90.4 R14: 70.6 R15: -67.8
Rf : 0.0 Rg : 0.0



Electrical parameters

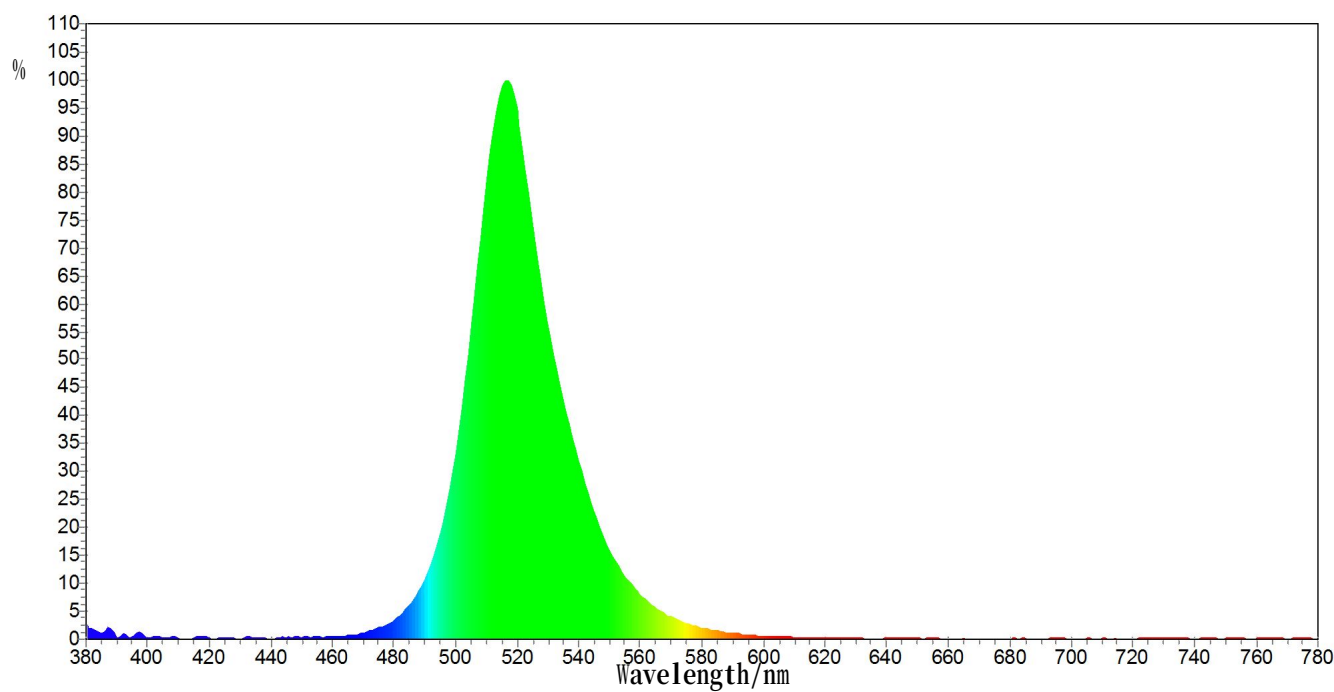
Flux: 29.676 lm E: 6.101 lm/w P: 151.41 mw
I: 405.3 mA V: 12.00 V P: 4.864 w PF:

Memo:

1M

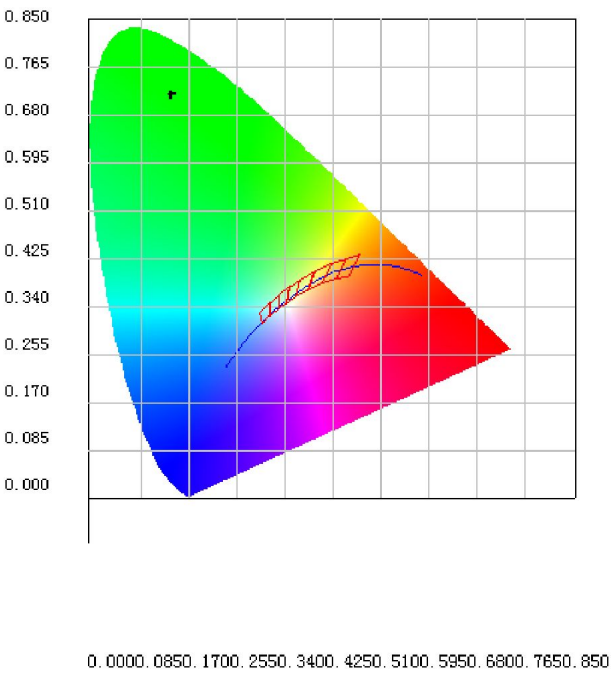
Product Mode:	S010030CB3SD2 RGB R	Item No:	10104-0308-00
Tester:	LEIXIAOLAN	Date:	2023-3-15
Temperature:	28 (°C)	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.1445 y: 0.7197
u: 0.0509 v: 0.3805
WD: 521.9 nm WP: 517.4 nm
HW: 28.7 nm Purity: 0.773
CCT: 8371 K Ra: -23.9
SDCM : 376.71 DUV : 0.1640
Ratio : R%: 1.0 G%: 88.9 B%: 10.1
Kred 0.21% Kgreen 95.54% Kblue 4.25%
R1: -36.5 R2: -12.3 R3: -27.8
R4: -62.9 R5: -8.1 R6: -14.6
R7: -1.7 R8: -27.7 R9: -353.6
R10: -112.3 R11: -47.7 R12: -31.1
R13: -45.1 R14: 36.6 R15: -33.3
Rf : 0.0 Rg : 0.0



Electrical parameters

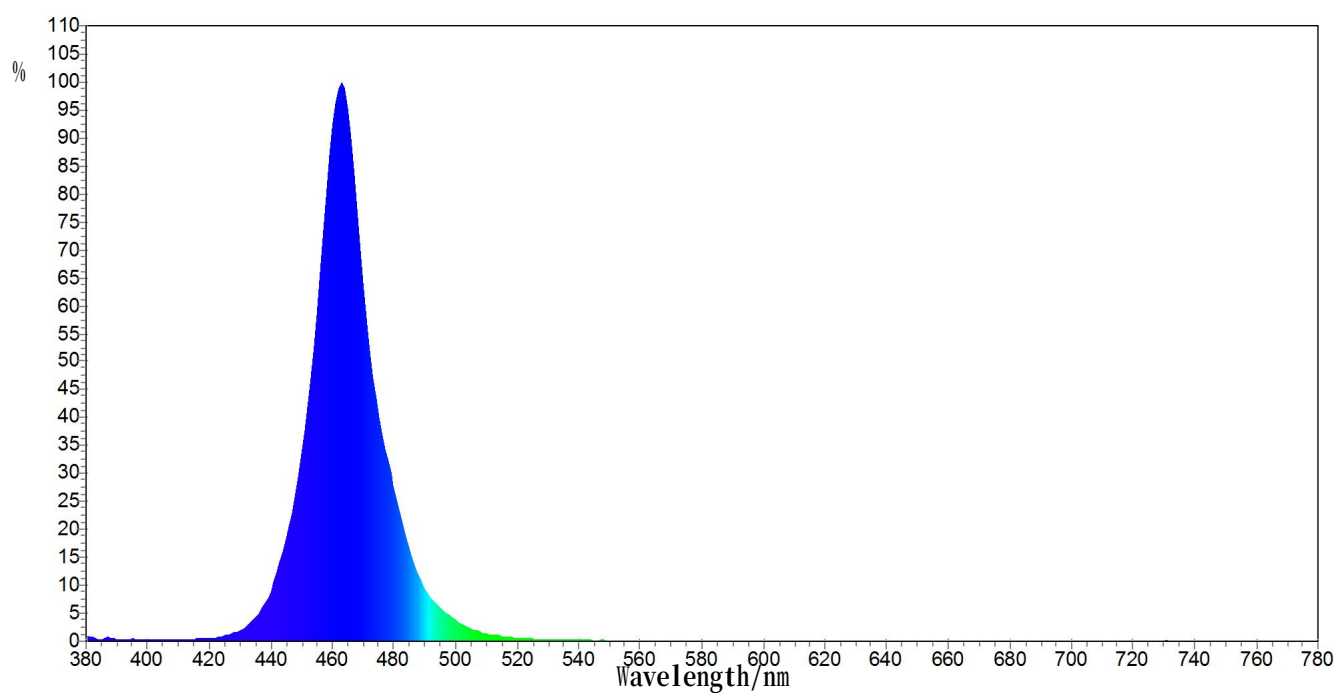
Flux: 110.822 lm E: 22.916 lm/w P: 262.97 mw
I: 403.0 mA V: 12.00 V P: 4.836 w PF:

Memo:

1M

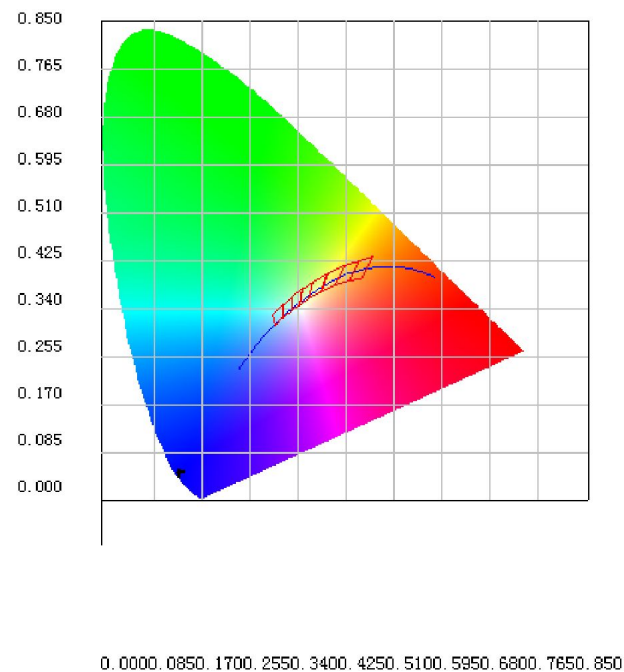
Product Mode:	S010030CB3SD2 RGB G	Item No:	10104-0308-00
Tester:	LEIXIAOLAN	Date:	2023-3-15
Temperature:	28 (°C)	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x:	0.1369	y:	0.0528						0.850
u:	0.1630	v:	0.0943						0.765
WD:	466.8 nm	WP:	463.2 nm						0.595
HW:	19.2 nm	Purity:	0.974						0.510
CCT:	1679 K	Ra:	-75.2						0.425
SDCM :	151.58	DUV :	-0.1317						0.340
Ratio :	R%: 0.4	G%: 1.8	B%: 97.8						0.170
Kred	0.46%	Kgreen	10.25%	Kblue	89.30%				0.085
R1:	-72.1	R2:	19.2	R3:	-86.3				0.000
R4:	-138.7	R5:	-74.4	R6:	0.1				
R7:	-61.9	R8:	-187.7	R9:	-493.5				
R10:	-76.8	R11:	-66.3	R12:	-107.2				
R13:	-40.3	R14:	-5.3	R15:	-103.6				
Rf :	0.0	Rg :	0.0						



Electrical parameters

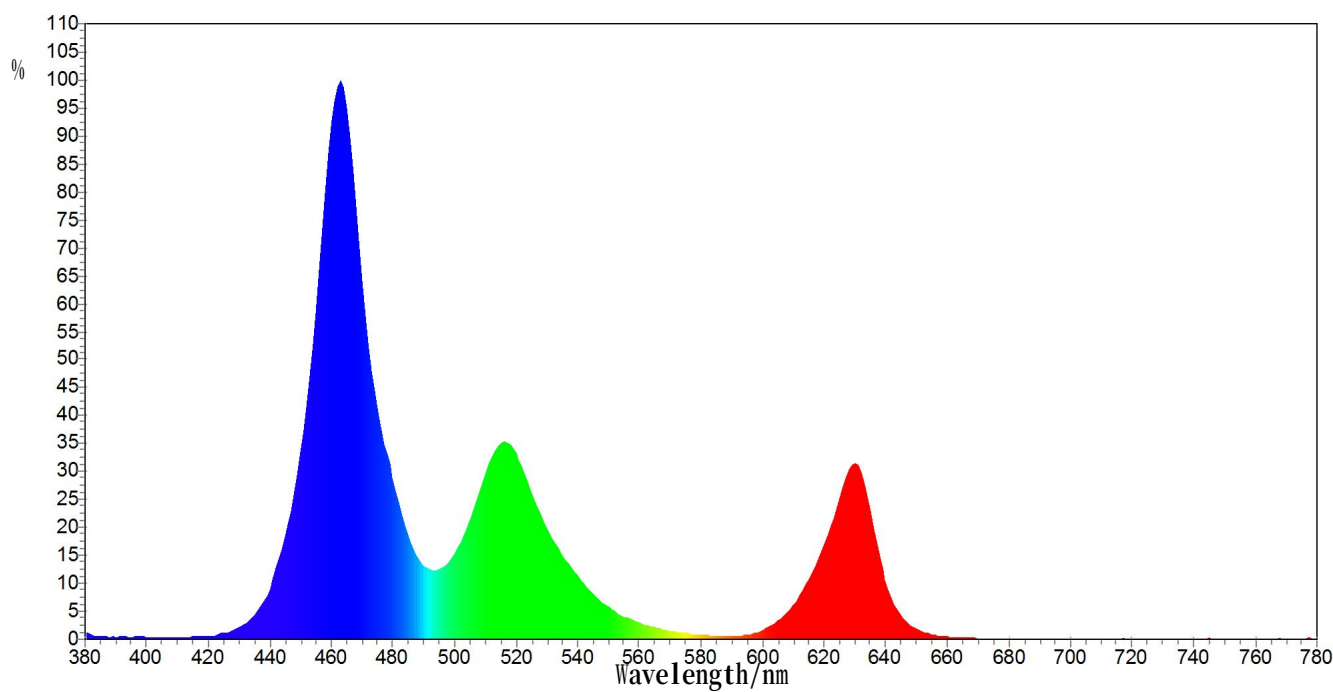
Flux:	29.956 lm	E:	6.267 lm/w	P:	630.08 mw		
I:	398.3 mA	V:	12.00 V	P:	4.780 w	PF:	

Memo:

1M

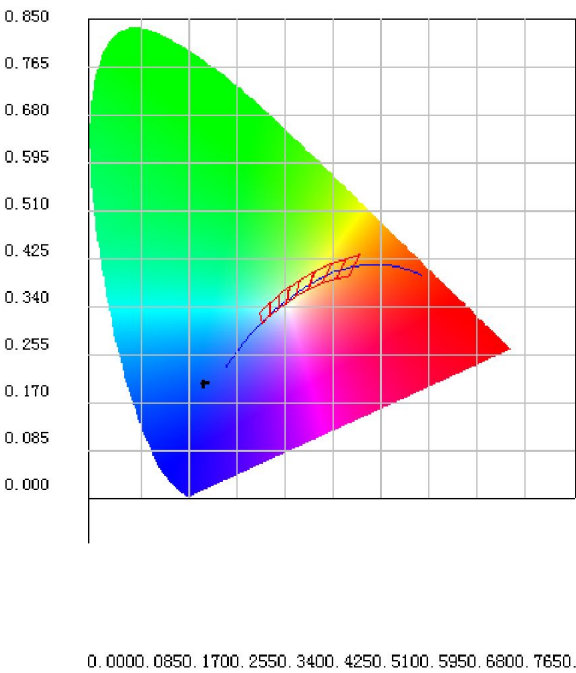
Product Mode:	S010030CB3SD2 RGB B	Item No:	10104-0308-00
Tester:	LEIXIAOLAN	Date:	2023-3-15
Temperature:	28 (°C)	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.2008 y: 0.2062
u: 0.1583 v: 0.2439
WD: 477.7 nm WP: 463.2 nm
HW: 19.2 nm Purity: 0.568
CCT: 314172 K Ra: 62.1
SDCM : 82.37 DUV : 0.0158
Ratio : R%: 15.8 G%: 26.2 B%: 58.0
Kred 16.36% Kgreen 64.96% Kblue 18.68%
R1: 60.1 R2: 54.9 R3: 52.1
R4: 81.1 R5: 82.1 R6: 59.6
R7: 63.0 R8: 43.8 R9: -114.2
R10: -10.0 R11: 65.1 R12: 59.1
R13: 45.8 R14: 70.5 R15: 39.9
Rf : 0.0 Rg : 0.0



Electrical parameters

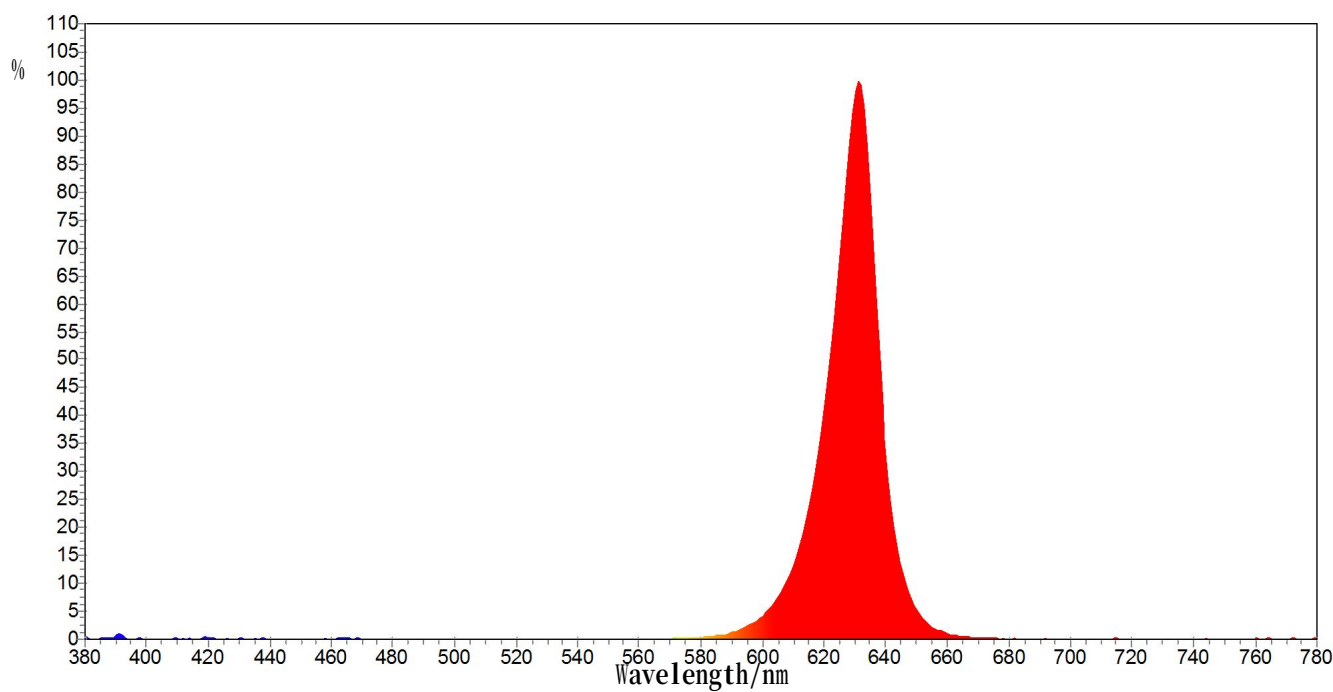
Flux: 166.798 lm E: 34.786 lm/w P: 1008.57 mw
I: 399.6 mA V: 12.00 V P: 4.795 w PF:

Memo:

1M

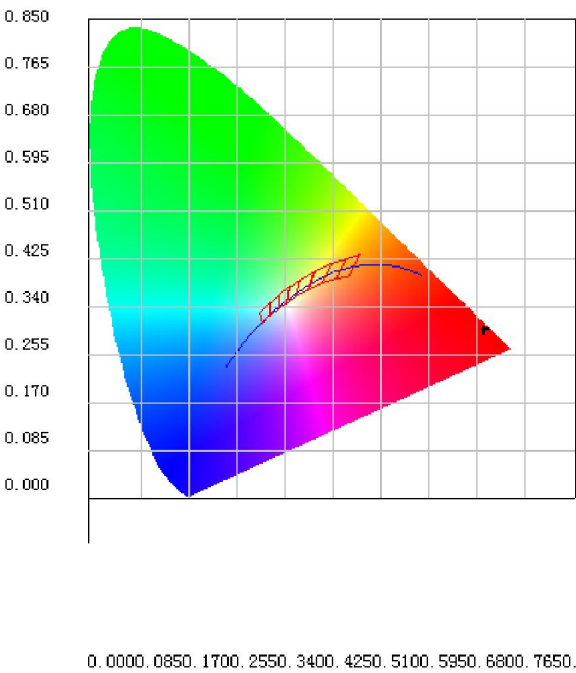
Product Mode:	S010030CB3SD2 RGB 混光	Item No:	10104-0308-00
Tester:	LEIXIAOLAN	Date:	2023-3-15
Temperature:	28 (°C)	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.6916 y: 0.3030
u: 0.5267 v: 0.3461
WD: 623.1 nm WP: 631.7 nm
HW: 16.8 nm Purity: 0.984
CCT: 4799 K Ra: -16.9
SDCM : 193.00 DUV : -0.0018
Ratio : R%: 97.5 G%: 1.7 B%: 0.8
Kred 94.04% Kgreen 5.88% Kblue 0.08%
R1: -77.7 R2: -8.9 R3: 53.0
R4: -45.0 R5: -49.4 R6: -36.5
R7: 51.3 R8: -22.1 R9: -281.4
R10: -88.1 R11: 44.5 R12: -66.2
R13: -83.0 R14: 67.3 R15: -47.1
Rf : 0.0 Rg : 0.0



Electrical parameters

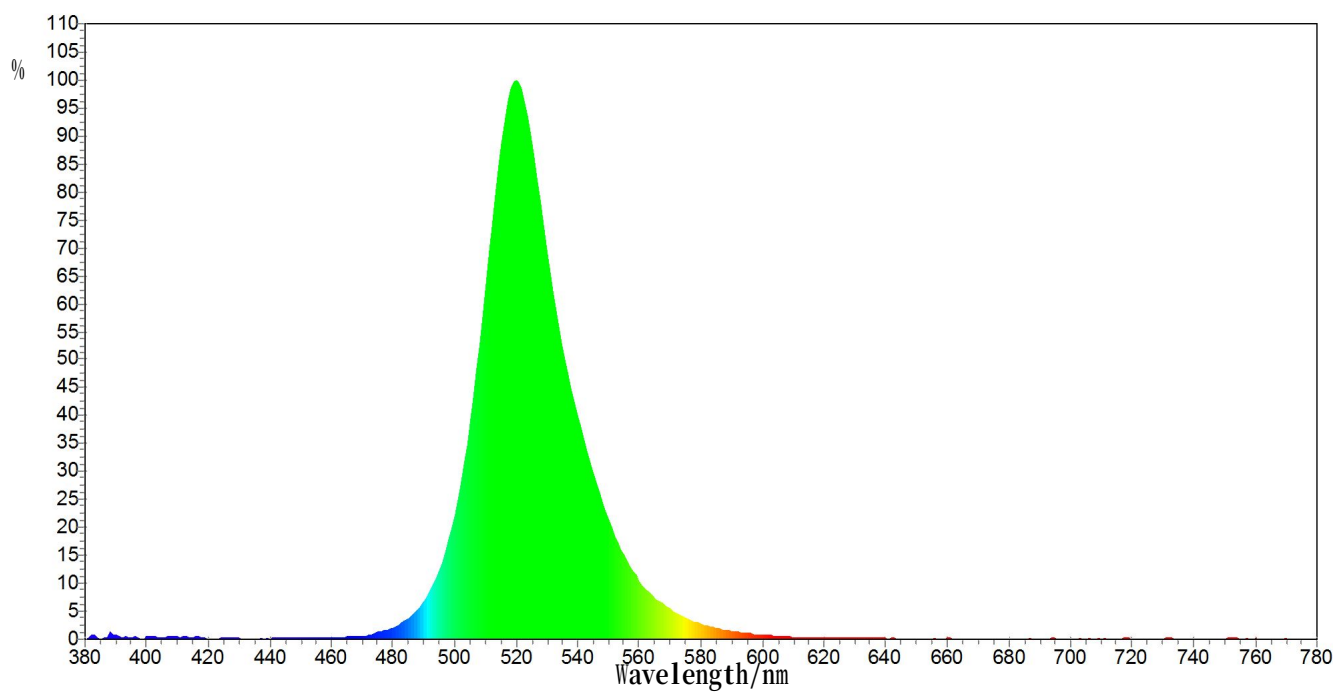
Flux: 78.522 lm E: 11.647 lm/w P: 415.31 mw
I: 280.9 mA V: 24.00 V P: 6.742 w PF:

Memo:

1M

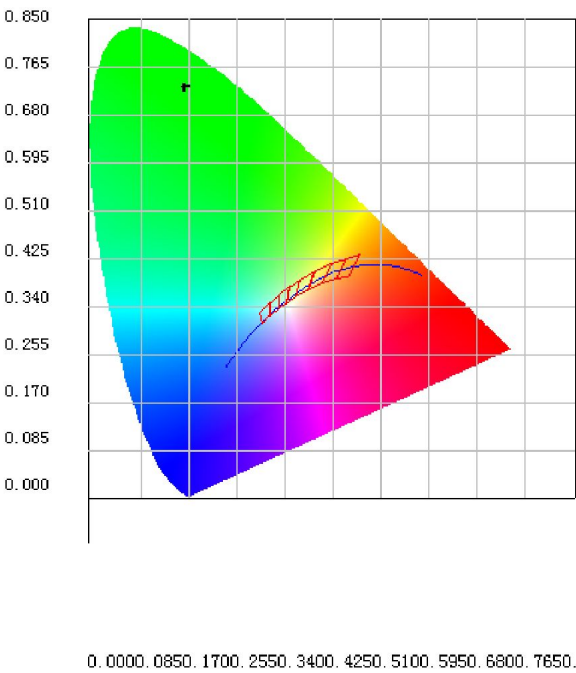
Product Mode:	S010120BC3SM RGB R	Item No:	10105-0312-00
Tester:	LEIXIAOLAN	Date:	2023-3-18
Temperature:	28 (°C)	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.1662 y: 0.7332
u: 0.0580 v: 0.3837
WD: 527.0 nm WP: 520.7 nm
HW: 28.6 nm Purity: 0.823
CCT: 7923 K Ra: -26.1
SDCM : 307.38 DUV : 0.1595
Ratio : R%: 0.8 G%: 92.9 B%: 6.3
Kred 0.22% Kgreen 97.23% Kblue 2.56%
R1: -36.4 R2: -13.9 R3: -30.3
R4: -66.2 R5: -9.0 R6: -15.5
R7: -5.9 R8: -31.5 R9: -358.5
R10: -115.3 R11: -52.2 R12: -32.8
R13: -44.4 R14: 35.5 R15: -34.9
Rf : 0.0 Rg : 0.0



Electrical parameters

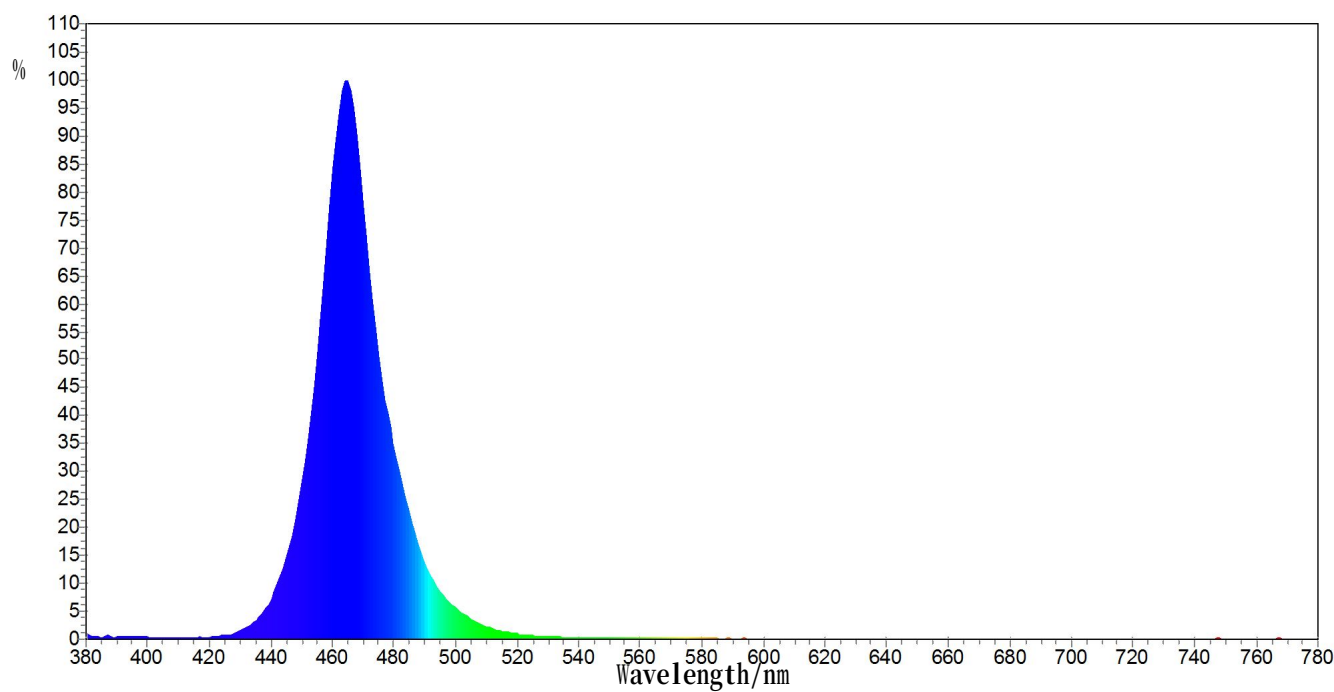
Flux: 344.819 lm E: 45.240 lm/w P: 724.97 mw
I: 317.6 mA V: 24.00 V P: 7.622 w PF:

Memo:

1M

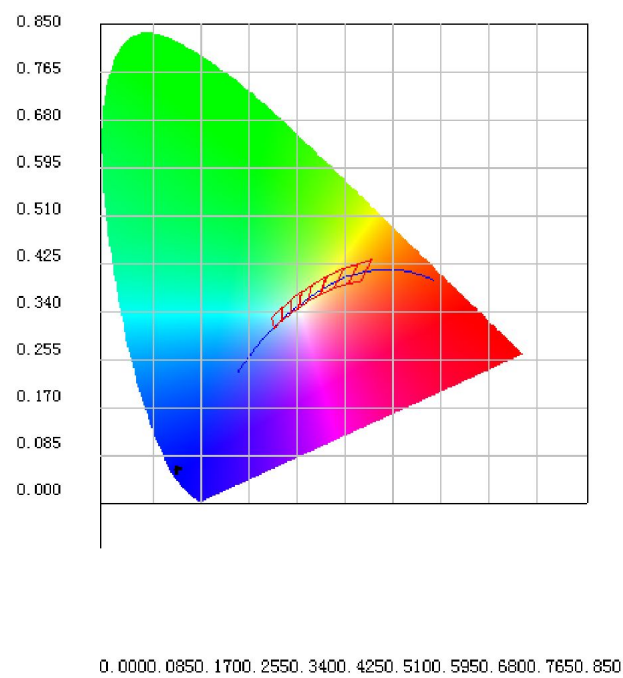
Product Mode:	S010120BC3SM RGB G	Item No:	10105-0312-00
Tester:	LEIXIAOLAN	Date:	2023-3-18
Temperature:	28 (°C)	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x:	0.1339	y:	0.0636			0.850
						0.765
u:	0.1532	v:	0.1092			0.680
						0.595
WD:	469.0 nm	WP:	465.1 nm			0.510
HW:	20.3 nm	Purity:	0.964			0.425
CCT:	1810 K	Ra:	-74.5			0.340
SDCM :	166.44	DUV :	-0.1405			0.255
Ratio :	R%: 0.5	G%: 2.8	B%: 96.7			0.170
						0.085
Kred	0.62%	Kgreen	14.88%	Kblue	84.50%	0.000
R1:	-70.9	R2:	26.3	R3:	-92.8	
R4:	-142.1	R5:	-71.7	R6:	4.3	
R7:	-62.7	R8:	-186.3	R9:	-489.2	
R10:	-64.7	R11:	-74.7	R12:	-98.8	
R13:	-36.7	R14:	-9.1	R15:	-99.3	
Rf :	0.0	Rg :	0.0			



Electrical parameters

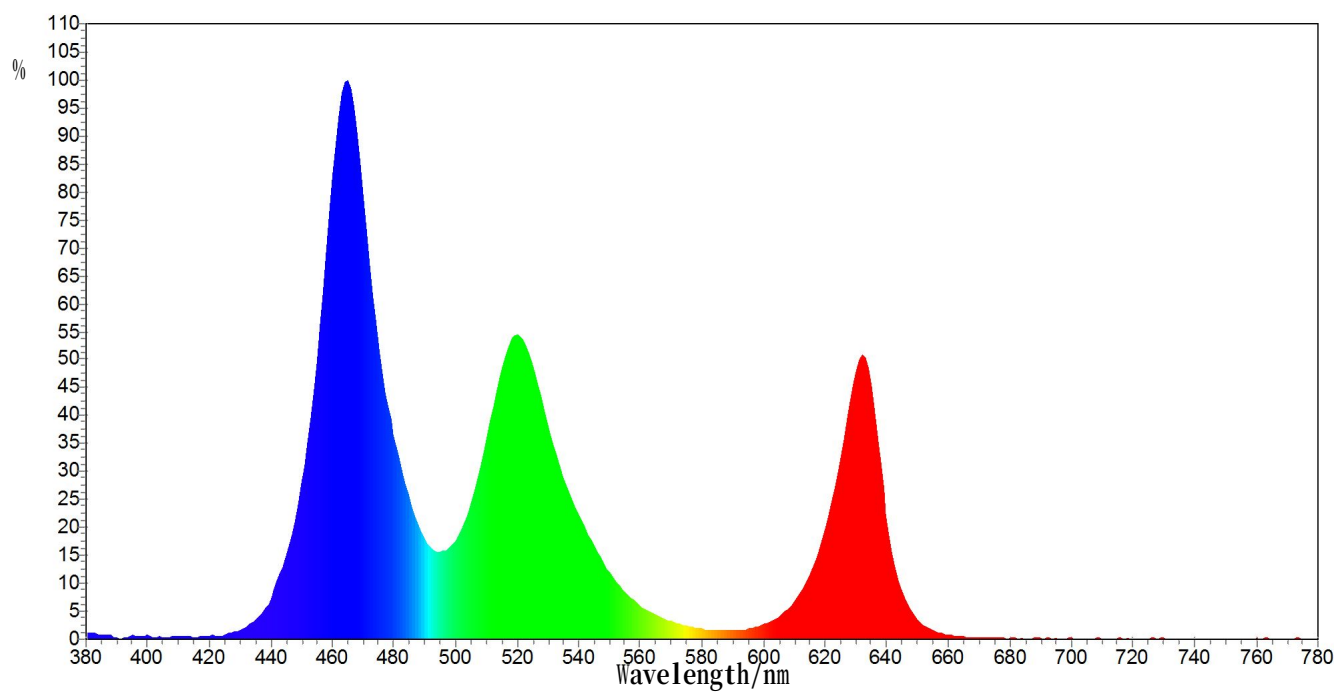
Flux:	68.320 lm	E:	9.145 lm/w	P:	1290.64 mW		
I:	311.3 mA	V:	24.00 V	P:	7.471 W	PF:	

Memo:

1M

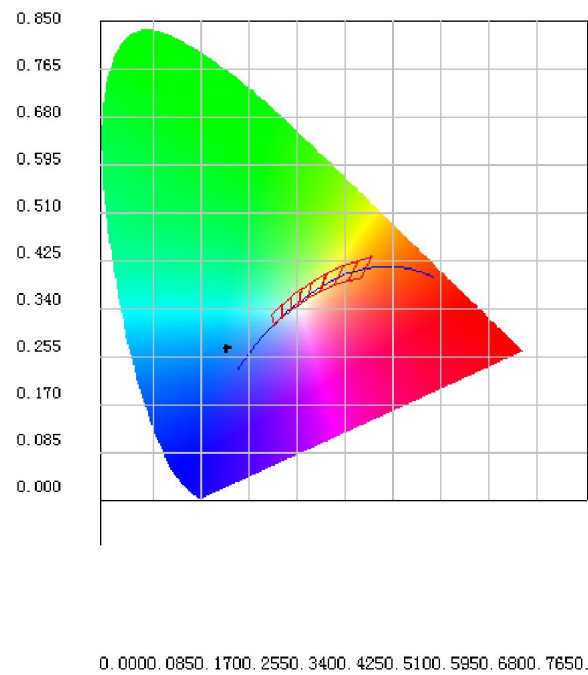
Product Mode:	S010120BC3SM RGB B	Item No:	10105-0312-00
Tester:	LEIXIAOLAN	Date:	2023-3-18
Temperature:	28 (°C)	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x:	0.2197	y:	0.2731			0.850
u:	0.1506	v:	0.2807			0.765
WD:	484.6 nm	WP:	465.1 nm			0.595
HW:	20.7 nm	Purity:	0.433			0.510
CCT:	21080 K	Ra:	72.9			0.425
SDCM :	111.39	DUV :	0.0329			0.340
Ratio :	R%: 18.9	G%: 33.4	B%: 47.7			0.255
Kred	14.77%	Kgreen	71.60%	Kblue	13.62%	0.170
R1:	72.4	R2:	72.5	R3:	76.7	0.085
R4:	82.9	R5:	90.4	R6:	73.9	0.000
R7:	68.1	R8:	46.5	R9:	-79.1	
R10:	41.7	R11:	74.0	R12:	53.7	
R13:	59.5	R14:	84.4	R15:	55.0	
Rf :	0.0	Rg :	0.0			



Electrical parameters

Flux:	485.259 lm	E:	33.750 lm/w	P:	2377.71 mW		
I:	599.1 mA	V:	24.00 V	P:	14.378 W	PF:	

Memo:

1M

Product Mode:	S010120BC3SM RGB 混光	Item No:	10105-0312-00
Tester:	LEIXIAOLAN	Date:	2023-3-18
Temperature:	28 (°C)	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

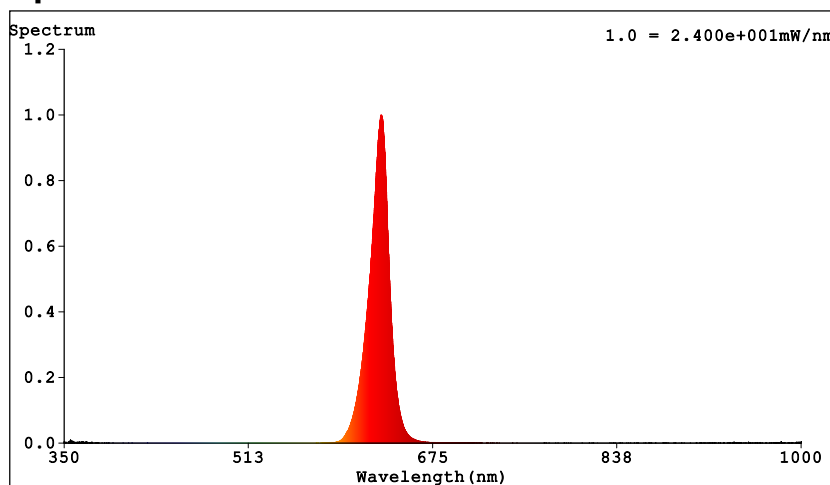
Spectrum Test Report

Sample	:		Date	:	2024-11-30
Specification	:	S012144CB3SD2 R	Sam. Status	:	1M
Sample No.	:	10104-0557-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	WANGHUALAN

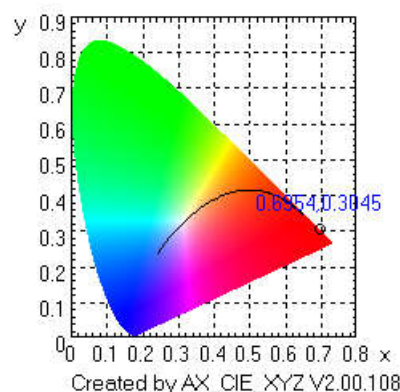
Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	44995 (69%)
Test Mode	:	Accuracy Test	T	:	226 ms
			Sensitivity	:	High

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6954$ $y = 0.3045$ / $u' = 0.5285$ $v' = 0.5207$ ($duv = -8.10e-02$)

CCT= 1001K Prcp WL: $L_d = 622.0nm$ Purity=100.0%

Peak WL: $L_p = 630nm$ FWHM: $= 17.4nm$ Ratio: $R = 98.4\%$ $G = 1.6\%$ $B = -0.0\%$

Render Index: $R_a = 23.5$ TM30: $R_f = 1$ $R_g = 0$

$R_1 = 0$ $R_2 = 76$ $R_3 = 25$ $R_4 = 0$ $R_5 = 0$ $R_6 = 87$ $R_7 = 0$

$R_8 = 0$ $R_9 = 0$ $R_{10} = 69$ $R_{11} = 0$ $R_{12} = 76$ $R_{13} = 25$ $R_{14} = 56$ $R_{15} = 0$

LEVEL:OUT

TLCI Parameters: TLCI = 1.5

Photometric & Radiometric Parameters

Flux = 102.62 lm Eff. : 5.41 lm/W $F_e = 498.45 mW$

EEL: 1.35995 E Lowest

EEC: 5.4 G

Electrical parameters

$V = 12.00 V$ $I = 1.580 A$ $P = 18.96 W$ PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

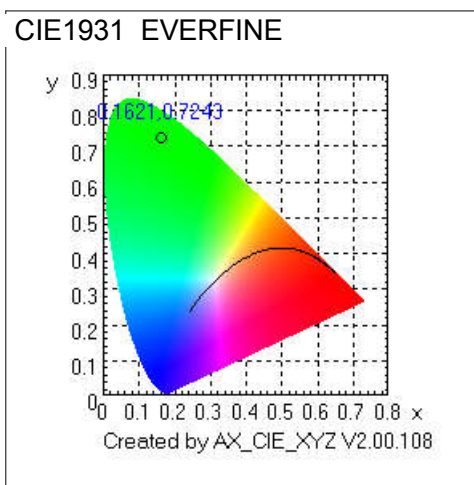
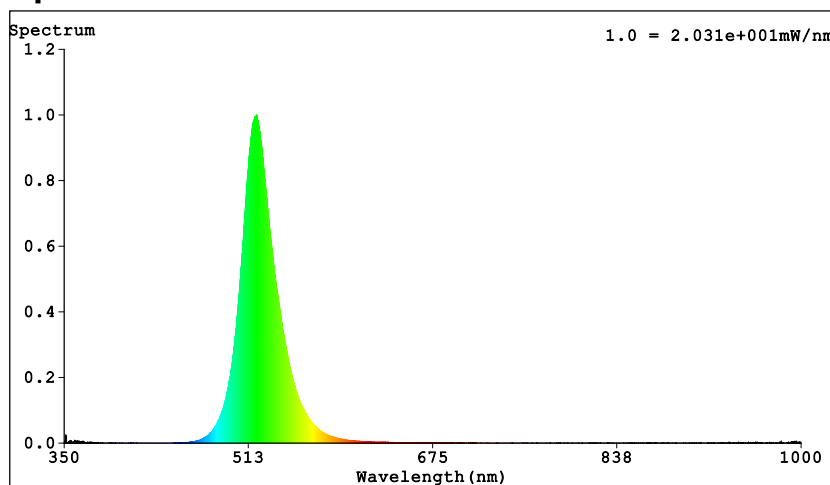
Spectrum Test Report

Sample	:		Date	:	2024-11-30
Specification	:	S012144CB3SD2 G	Sam. Status	:	1M
Sample No.	:	10104-0557-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	WANGHUALAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	46829 (71%)
Test Mode	:	Accuracy Test	T	:	226 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1621$ $y = 0.7243$ / $u' = 0.0571$ $v' = 0.5735$ ($duv=1.60e-01$)

CCT= 7956K Prcp WL: Ld=525.5nm Purity=79.6%

Peak WL: Lp=520nm FWHM: =31.0nm Ratio:R=0.3% G=97.4% B=2.3%

Render Index: Ra = 0.0 TM30:Rf=2 Rg=7

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=39 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 3.0

Photometric & Radiometric Parameters

Flux = 362.03 lm Eff. : 19.41 lm/W Fe = 759.85 mW

EEI: 0.54102 B

EEC: 19.4 G

Electrical parameters

V = 12.00 V I = 1.555 A P = 18.66 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

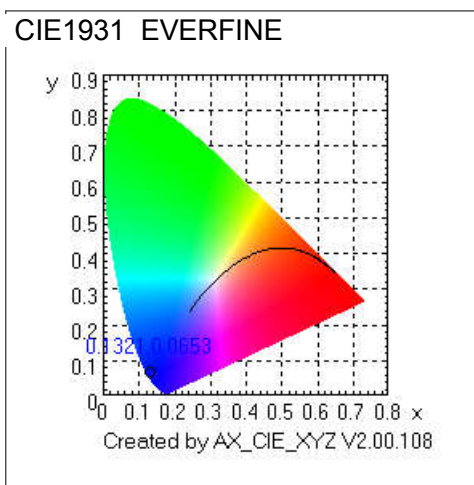
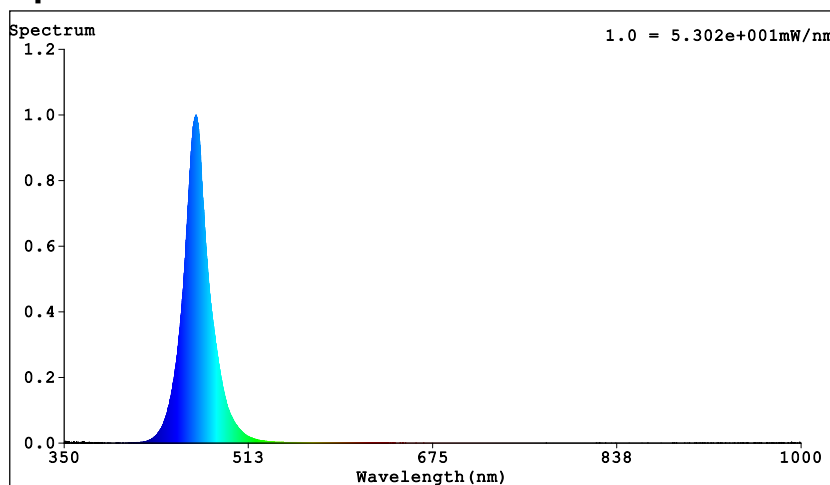
Spectrum Test Report

Sample	:		Date	:	2024-11-30
Specification	:	S012144CB3SD2 B	Sam. Status	:	1M
Sample No.	:	10104-0557-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	WANGHUALAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	46186 (70%)
Test Mode	:	Accuracy Test	T	:	113 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1321$ $y = 0.0653$ / $u' = 0.1502$ $v' = 0.1670$ ($duv = -1.58e-01$)

CCT>=100000K Prcp WL: Ld=469.6nm Purity=96.6%

Peak WL: Lp=466nm FWHM: =21.6nm Ratio:R=0.4% G=15.3% B=84.3%

Render Index: Ra = 0.3 TM30:Rf=0 Rg=-81

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 = 0.8

Photometric & Radiometric Parameters

Flux = 102.85 lm Eff. : 5.56 lm/W Fe = 1.4442 W

EEL: 1.32497 E Lowest

EEC: 5.6 G

Electrical parameters

V = 12.00 V I = 1.542 A P = 18.50 W PF = 1.000

Freq=0.00 Hz

GBT5702

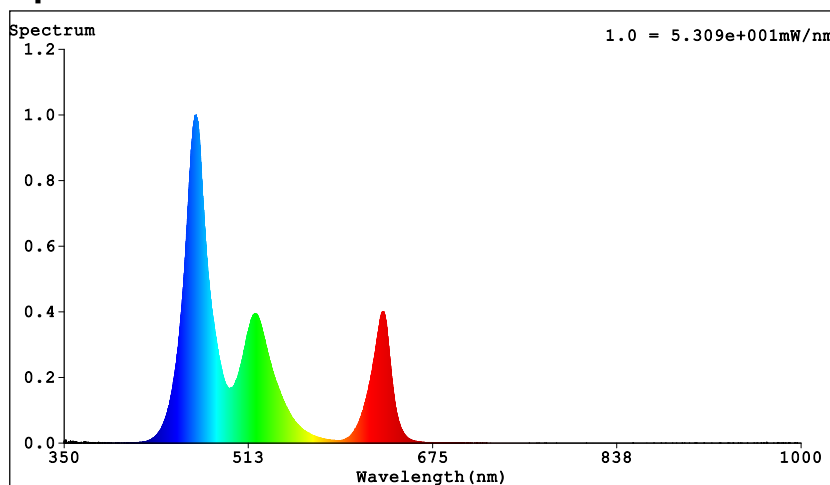
Spectrum Test Report

Sample	:		Date	:	2024-11-30
Specification	:	S012144CB3SD2 Mixed	Sam. Status	:	1M
Sample No.	:	10104-0557-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	WANGHUALAN

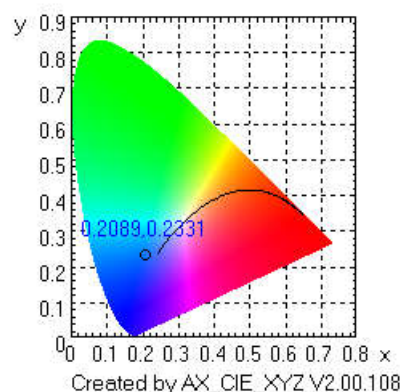
Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	46390 (71%)
Test Mode	:	Accuracy Test	T	:	113 ms
			Sensitivity	:	High

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2089$ $y = 0.2331$ / $u' = 0.1553$ $v' = 0.3900$ ($duv = -2.60e-02$)

CCT $\geq 100000K$ Prcp WL: $L_d = 480.4nm$ Purity = 51.1%

Peak WL: $L_p = 467nm$ FWHM: $= 21.8nm$ Ratio: R=16.3% G=66.6% B=17.1%

Render Index: $R_a = 62.3$ TM30: $R_f = 54$ $R_g = 103$

R1 = 65 R2 = 61 R3 = 61 R4 = 76 R5 = 82 R6 = 60 R7 = 57

R8 = 38 R9 = 0 R10 = 6 R11 = 82 R12 = 66 R13 = 54 R14 = 77 R15 = 43

LEVEL: OUT

TLCI Parameters: TLCI = 18.3

Photometric & Radiometric Parameters

Flux = 552.81 lm Eff. : 29.43 lm/W $Fe = 2.6510 W$

EEI: 0.39316 B

EEC: 29.4 G

Electrical parameters

V = 12.00 V I = 1.566 A P = 18.78 W PF = 1.000

Freq = 0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S010096TC3SF R
Sample No. : 10105-0988-00
Manufacturer : iPixel LED

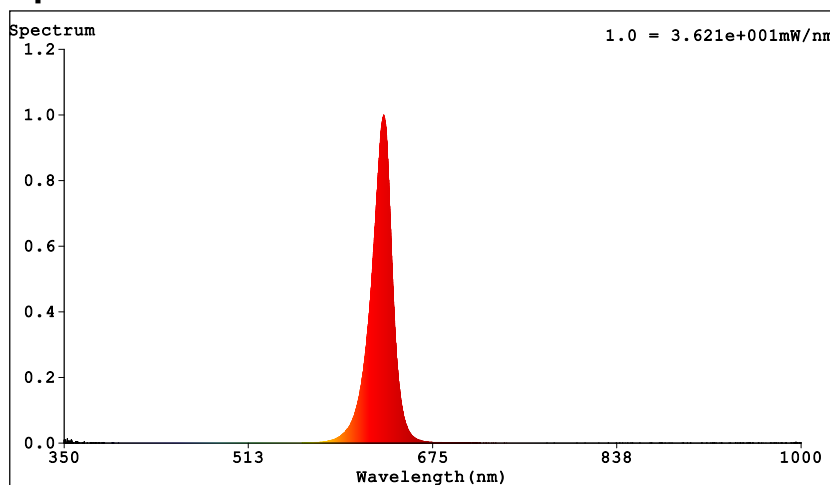
Date : 2026-03-31
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LZN

Test Condition

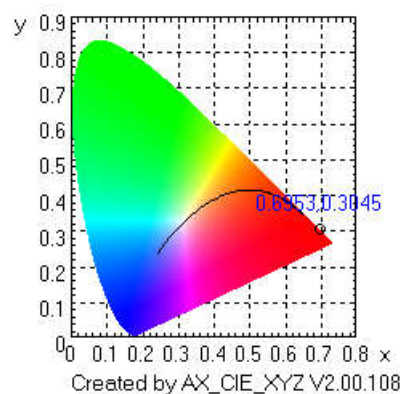
Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 53747 (82%)
T : 206 ms
Sensitivity : High

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6953$ $y = 0.3045$ / $u' = 0.5284$ $v' = 0.5206$ ($duv = -8.09e-02$)

CCT= 1001K Prcp WL: $L_d = 622.0nm$ Purity=99.9%

Peak WL: $L_p = 632nm$ FWHM: $= 18.3nm$ Ratio: R=95.8% G=4.2% 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 = 89 R7 = 8
R8 = 0 R9 = 0 R10 = 71 R11 = 0 R12 = 79 R13 = 30 R14 = 60 R15 = 0

LEVEL:OUT

TLCI Parameters: TLCI = 3.4

Photometric & Radiometric Parameters

Flux = 154.71 lm Eff. : 22.44 lm/W $F_e = 790.76 mW$

EEL: 0.37214 B

EEC: 22.4 G

Electrical parameters

V = 24.00 V I = 0.2873 A P = 6.895 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S010096TC3SF G
Sample No. : 10105-0988-00
Manufacturer : iPixel LED

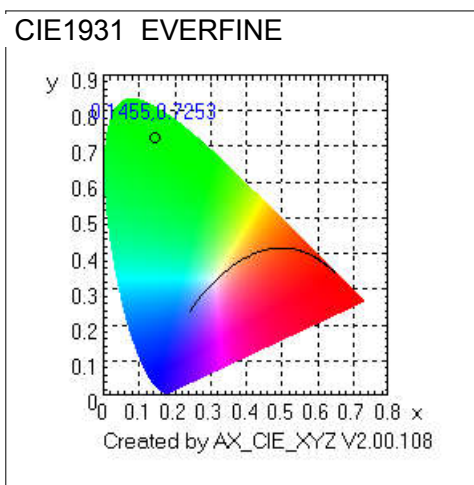
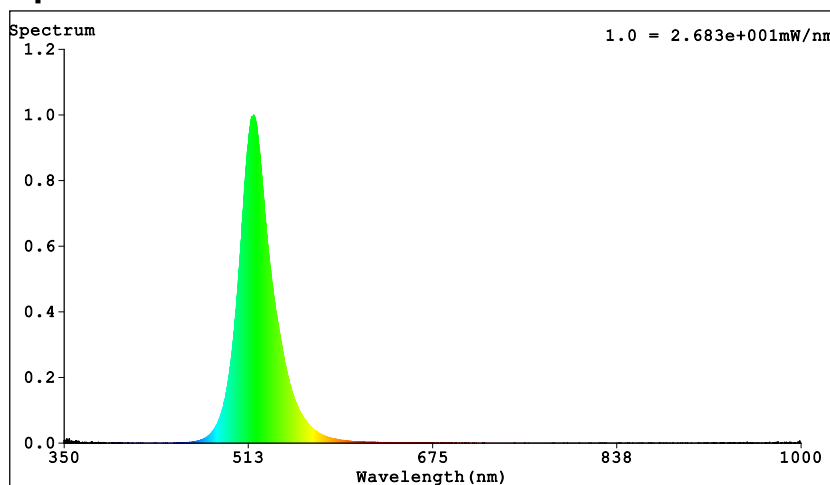
Date : 2026-03-31
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LZN

Test Condition

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

RH : 65.0%
IP : 46460 (71%)
T : 206 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1455$ $y = 0.7253$ / $u' = 0.0510$ $v' = 0.5720$ ($duv=1.64e-01$)

CCT= 8235K Prcp WL: $L_d=522.5nm$ Purity=78.5%

Peak WL: $L_p=517nm$ FWHM: $=29.2nm$ Ratio:R=0.2% G=97.1% B=2.7%

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=36 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 2.6

Photometric & Radiometric Parameters

Flux = 436.34 lm Eff. : 58.54 lm/W Fe = 952.62 mW

EEL: 0.18746 A

EEC: 58.5 G

Electrical parameters

V = 24.00 V I = 0.3106 A P = 7.454 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

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Spectrum Test Report

Sample :
Specification : S010096TC3SF B
Sample No. : 10105-0988-00
Manufacturer : iPixel LED

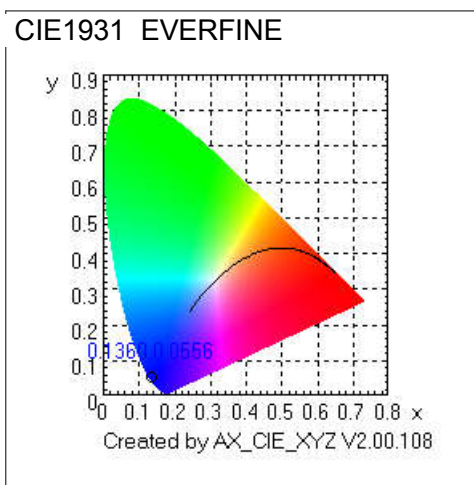
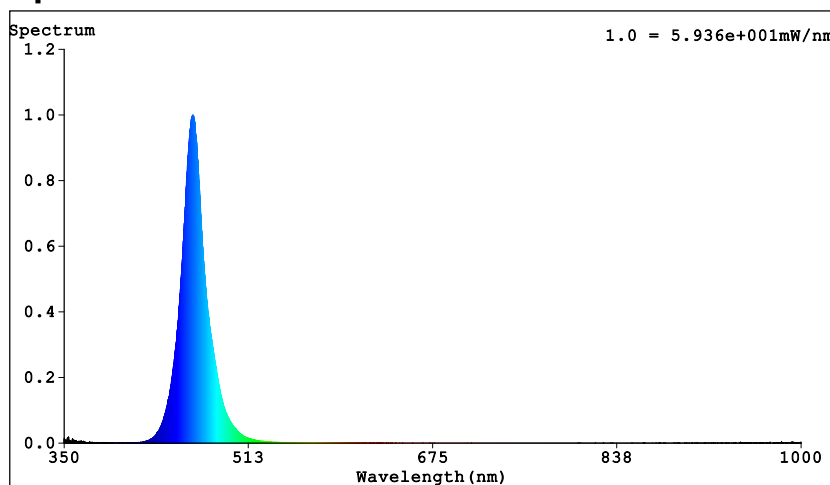
Date : 2026-03-31
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LZN

Test Condition

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

RH : 65.0%
IP : 39629 (60%)
T : 103 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1360$ $y = 0.0556$ / $u' = 0.1603$ $v' = 0.1473$ ($duv = -1.69e-01$)

CCT>=100000K Prcp WL: Ld=467.5nm Purity=97.2%

Peak WL: Lp=464nm FWHM: =21.2nm Ratio:R=0.4% G=13.5% B=86.2%

Render Index: Ra = 0.1 TM30:Rf=0 Rg=-83

R1 =0 R2 =0 R3 =0 R4 =0 R5 =1 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 = 0.7

Photometric & Radiometric Parameters

Flux = 100.64 lm Eff. : 13.47 lm/W Fe = 1.5823 W

EEL: 0.54293 B

EEC: 13.5 G

Electrical parameters

V = 24.00 V I = 0.3113 A P = 7.471 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

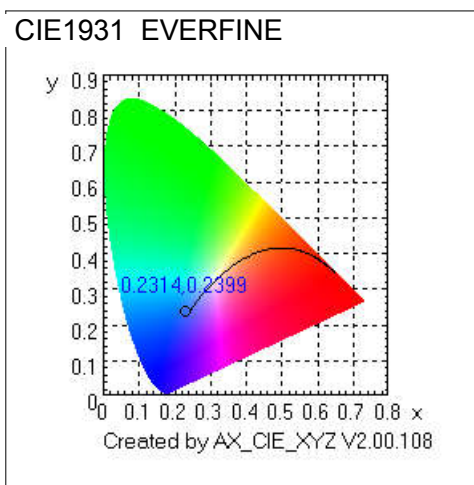
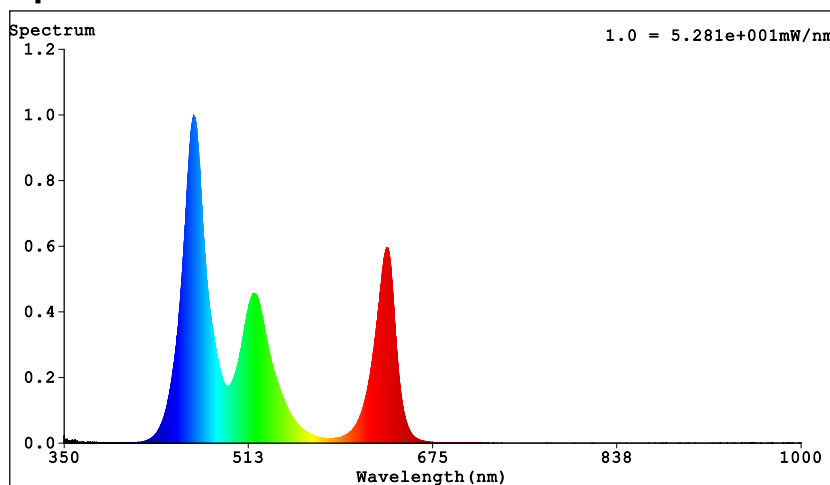
Spectrum Test Report

Sample	:		Date	:	2026-03-31
Specification	:	S010096TC3SF Mixed	Sam. Status	:	1M
Sample No.	:	10105-0988-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	49237 (75%)
Test Mode	:	Fast Test	T	:	143 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2314$ $y = 0.2399$ / $u' = 0.1709$ $v' = 0.3987$ ($duv = -9.71e-03$)

CCT $\geq 100000K$ Prcp WL: $L_d = 478.5nm$ Purity = 43.2%

Peak WL: $L_p = 464nm$ FWHM: $= 21.9nm$ Ratio: $R = 20.1\%$ $G = 65.2\%$ $B = 14.7\%$

Render Index: $R_a = 47.6$ TM30: $R_f = 46$ $R_g = 111$

$R_1 = 35$ $R_2 = 55$ $R_3 = 67$ $R_4 = 57$ $R_5 = 56$ $R_6 = 56$ $R_7 = 55$

$R_8 = 0$ $R_9 = 0$ $R_{10} = 0$ $R_{11} = 49$ $R_{12} = 62$ $R_{13} = 35$ $R_{14} = 78$ $R_{15} = 11$

LEVEL: OUT

TLCI Parameters: TLCI = 14.3

Photometric & Radiometric Parameters

Flux = 626.70 lm Eff. : 33.88 lm/W $Fe = 3.0257 W$

EEI: 0.35079 B

EEC: 33.9 G

Electrical parameters

$V = 24.00 V$ $I = 0.7709 A$ $P = 18.50 W$ PF = 1.000

Freq = 0.00 Hz

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iPixel LED

<https://www.ipixelleds.com>

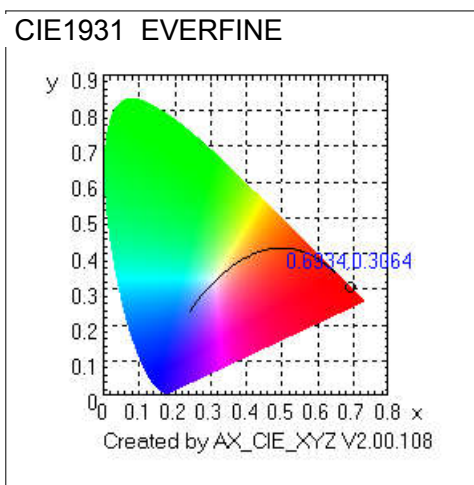
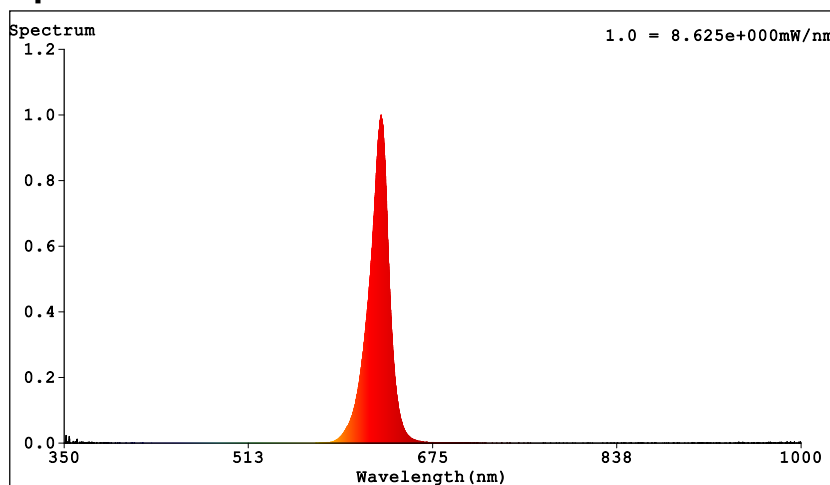
Spectrum Test Report

Sample	:		Date	:	2026-04-24
Specification	:	S010060CB3SD2 R	Sam. Status	:	1M
Sample No.	:	10104-1587-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	52359 (80%)
Test Mode	:	Fast Test	T	:	842 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6934$ $y = 0.3064$ / $u' = 0.5244$ $v' = 0.5213$ ($duv = -7.68e-02$)

CCT= 1001K Prcp WL: Ld=621.0nm Purity=100.0%

Peak WL: Lp=630nm FWHM: =17.2nm Ratio:R=96.9% G=3.1% B=0.0%

Render Index: Ra = 24.5 TM30:Rf=1 Rg=0

R1 =3 R2 =77 R3 =27 R4 =0 R5 =0 R6 =89 R7 =1

R8 =0 R9 =0 R10=70 R11=0 R12=79 R13=27 R14=57 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 2.2

Photometric & Radiometric Parameters

Flux = 37.366 lm Eff. : 4.50 lm/W Fe = 178.06 mW

EEL: 1.15260 E Lowest

EEC: 4.5 G

Electrical parameters

V = 12.00 V I = 0.6926 A P = 8.311 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

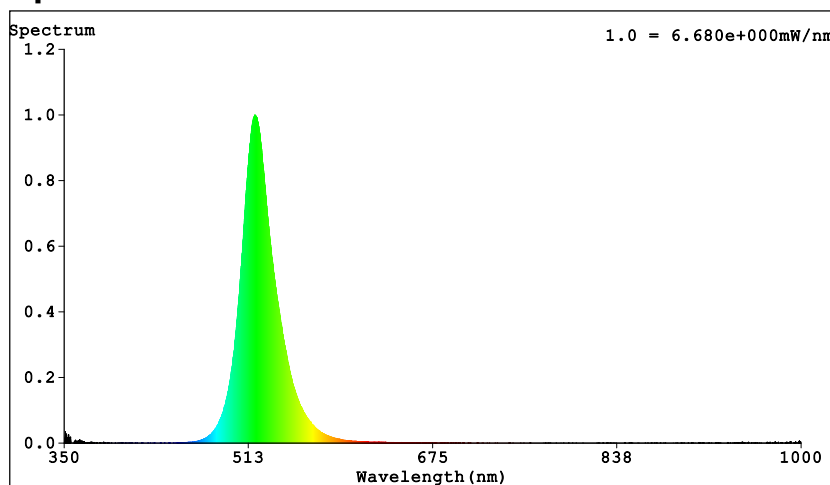
Spectrum Test Report

Sample	:		Date	:	2026-04-24
Specification	:	S010060CB3SD2 G	Sam. Status	:	1M
Sample No.	:	10104-1587-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

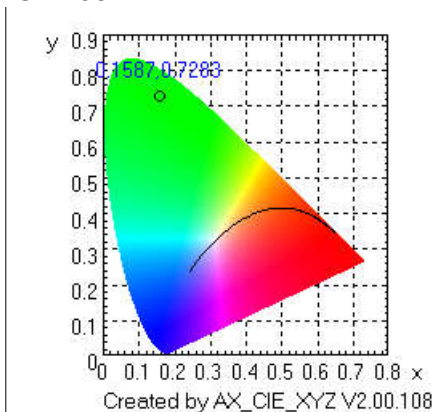
Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	47508 (72%)
Test Mode	:	Fast Test	T	:	842 ms
			Sensitivity	:	High

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1587$ $y = 0.7283$ / $u' = 0.0556$ $v' = 0.5739$ ($duv=1.61e-01$)

CCT= 7992K Prcp WL: $L_d=525.2nm$ Purity=80.2%

Peak WL: $L_p=518nm$ FWHM: $=30.3nm$ Ratio:R=0.3% G=97.6% B=2.1%

Render Index: $R_a = 0.0$ TM30:Rf=1 Rg=7

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=37 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 2.8

Photometric & Radiometric Parameters

Flux = 115.85 lm Eff. : 13.95 lm/W Fe = 243.43 mW

EEI: 0.54806 B

EEC: 14.0 G

Electrical parameters

V = 12.00 V I = 0.6919 A P = 8.302 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

<https://www.ipixelleds.com>

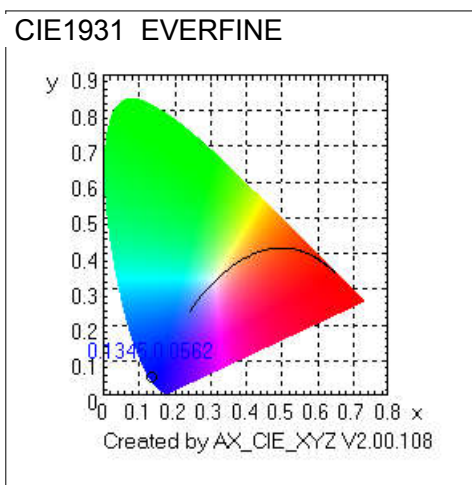
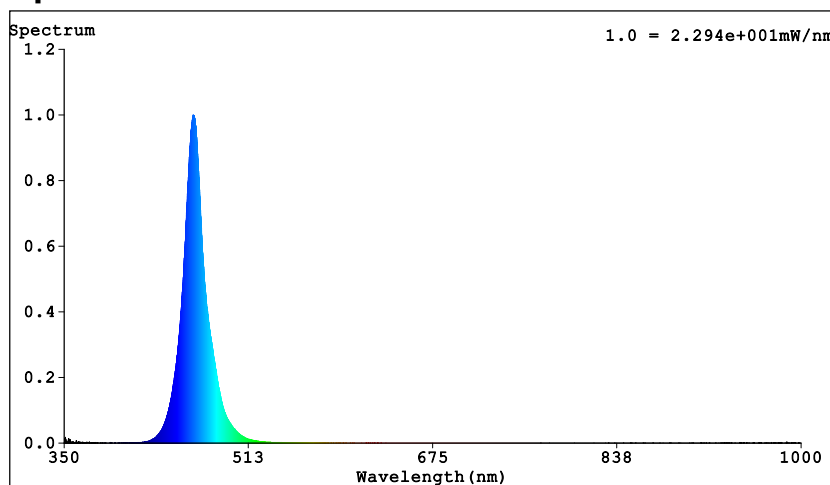
Spectrum Test Report

Sample	:		Date	:	2026-04-24
Specification	:	S010060CB3SD2 B	Sam. Status	:	1M
Sample No.	:	10104-1587-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	52413 (80%)
Test Mode	:	Fast Test	T	:	351 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1345$ $y = 0.0562$ / $u' = 0.1580$ $v' = 0.1486$ ($duv = -1.68e-01$)

CCT>=100000K Prcp WL: Ld=467.9nm Purity=97.5%

Peak WL: Lp=464nm FWHM: =18.7nm Ratio:R=0.3% G=11.5% B=88.3%

Render Index: Ra = 0.0 TM30:Rf=0 Rg=-43

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 = 35.900 lm Eff. : 4.32 lm/W Fe = 561.04 mW

EEI: 1.18099 E Lowest

EEC: 4.3 G

Electrical parameters

V = 12.00 V I = 0.6921 A P = 8.305 W PF = 1.000

Freq=0.00 Hz

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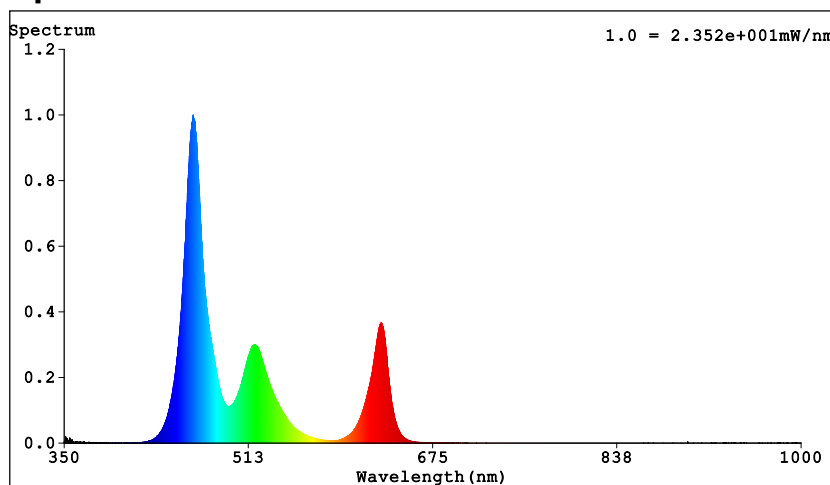
Spectrum Test Report

Sample	:		Date	:	2026-04-24
Specification	:	S010060CB3SD2 Mixed	Sam. Status	:	1M
Sample No.	:	10104-1587-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

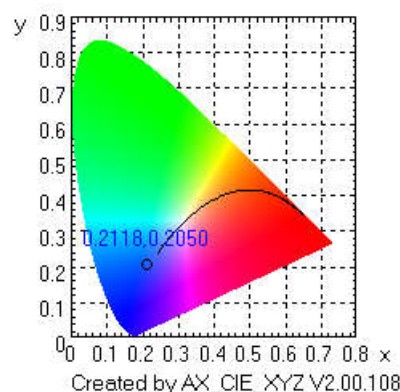
Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	53297 (81%)
Test Mode	:	Fast Test	T	:	351 ms
			Sensitivity	:	High

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2118$ $y = 0.2050$ / $u' = 0.1682$ $v' = 0.3664$ ($duv = -2.50e-02$)

CCT $\geq 100000K$ Prcp WL: $L_d = 475.9nm$ Purity = 53.6%

Peak WL: $L_p = 464nm$ FWHM: $= 18.4nm$ Ratio: R=19.2% G=62.8% B=18.0%

Render Index: $R_a = 51.8$ TM30: $R_f = 50$ $R_g = 113$

R1 = 45 R2 = 47 R3 = 52 R4 = 74 R5 = 66 R6 = 47 R7 = 55

R8 = 27 R9 = 0 R10 = 0 R11 = 79 R12 = 53 R13 = 38 R14 = 73 R15 = 24

LEVEL: OUT

TLCI Parameters: TLCI = 18.6

Photometric & Radiometric Parameters

Flux = 189.93 lm Eff. : 22.65 lm/W Fe = 985.92 mW

EEL: 0.39124 B

EEC: 22.6 G

Electrical parameters

V = 12.00 V I = 0.6989 A P = 8.386 W PF = 1.000

Freq = 0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S010060CB3SF G
Sample No. : 10105-0054-00
Manufacturer : iPixel LED

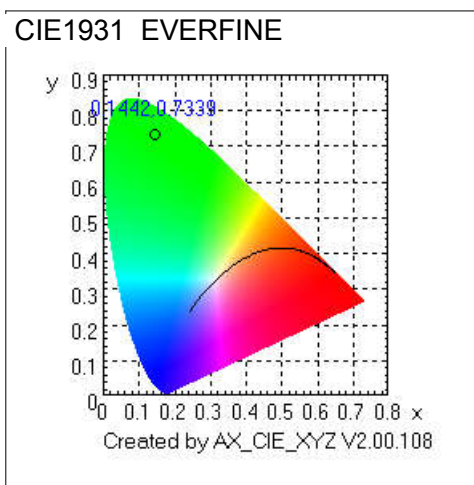
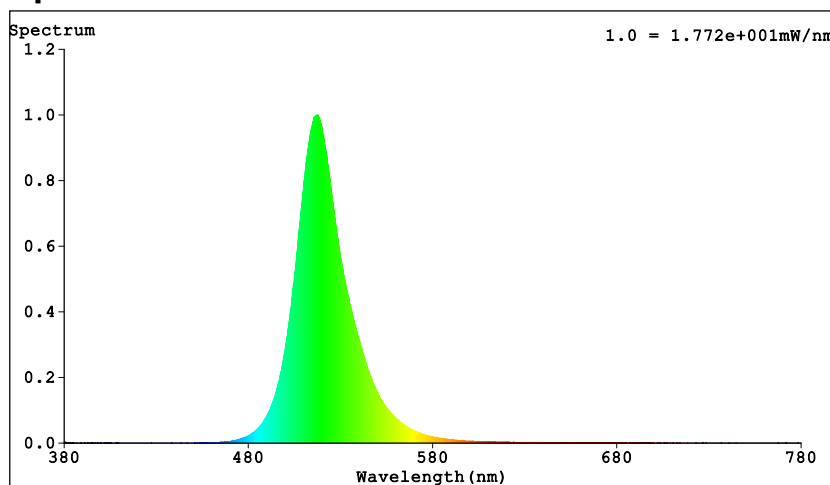
Date : 2026-05-26
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WXX

Test Condition

Temperature : 20.0 °C
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 54863 (84%)
T : 369 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1442$ $y = 0.7339$ / $u' = 0.0501$ $v' = 0.5734$ ($duv=1.66e-01$)

CCT= 8206K Prcp WL: $L_d=523.0nm$ Purity=80.4%

Peak WL: $L_p=517nm$ FWHM: $=27.3nm$ Ratio:R=0.2% G=97.5% B=2.2%

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=33 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 2.5

Photometric & Radiometric Parameters

Flux = 275.39 lm Eff. : 59.27 lm/W Fe = 592.33 mW

EEL: 0.16535 A+

EEC: 59.3 G

Electrical parameters

V = 12.00 V I = 0.3872 A P = 4.646 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S010060CB3SF R
Sample No. : 10105-0054-00
Manufacturer : iPixel LED

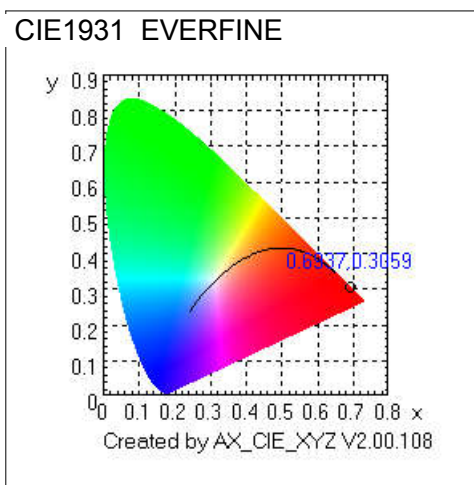
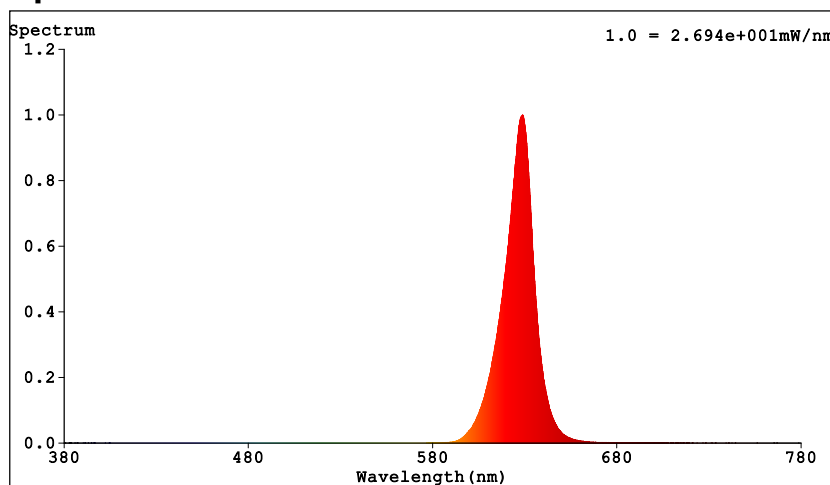
Date : 2026-05-26
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WXX

Test Condition

Temperature : 20.0 °C
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 53678 (82%)
T : 276 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6937$ $y = 0.3059$ / $u' = 0.5252$ $v' = 0.5211$ ($duv = -7.77e-02$)

CCT= 1001K Prcp WL: Ld=621.2nm Purity=99.9%

Peak WL: Lp=629nm FWHM: =16.4nm Ratio:R=98.3% G=1.7% B=0.0%

Render Index: Ra = 23.9 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 = 113.71 lm Eff. : 24.55 lm/W Fe = 528.55 mW

EEL: 0.30970 B

EEC: 24.6 G

Electrical parameters

V = 12.00 V I = 0.3860 A P = 4.632 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

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Spectrum Test Report

Sample :
Specification : S010060CB3SF B
Sample No. : 10105-0054-00
Manufacturer : iPixel LED

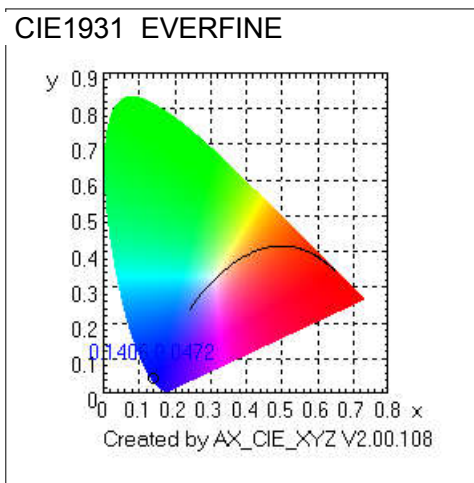
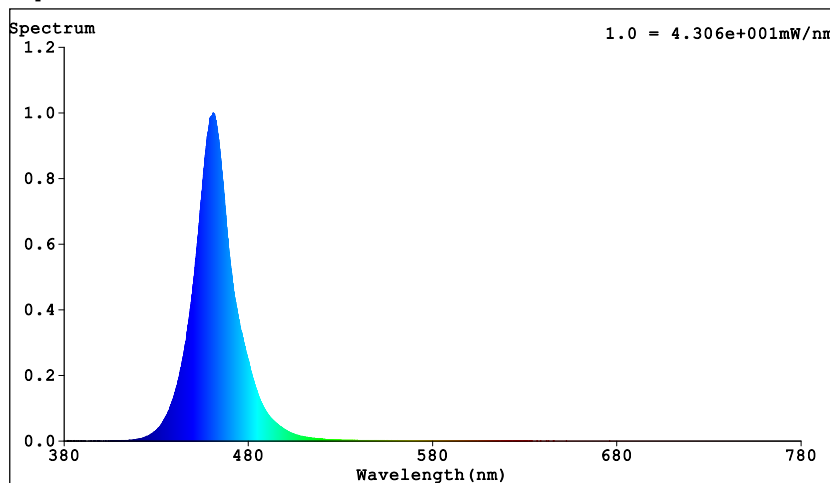
Date : 2026-05-26
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WXX

Test Condition

Temperature : 20.0 °C
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 53814 (82%)
T : 198 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1406$ $y = 0.0472$ / $u' = 0.1712$ $v' = 0.1293$ ($duv = -1.80e-01$)

CCT>=100000K Prcp WL: Ld=464.9nm Purity=97.5%

Peak WL: Lp=461nm FWHM: =20.5nm Ratio:R=0.5% G=12.6% B=86.9%

Render Index: Ra = 0.4 TM30:Rf=0 Rg=58

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 = 63.906 lm Eff. : 13.86 lm/W Fe = 1.1199 W

EEL: 0.45370 B

EEC: 13.9 G

Electrical parameters

V = 12.00 V I = 0.3844 A P = 4.612 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S010060CB3SF Mixed
Sample No. : 10105-0054-00
Manufacturer : iPixel LED

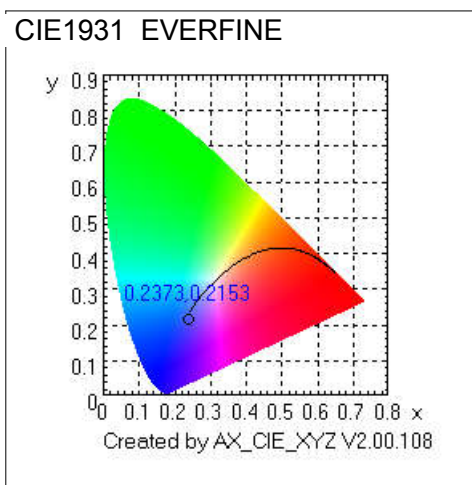
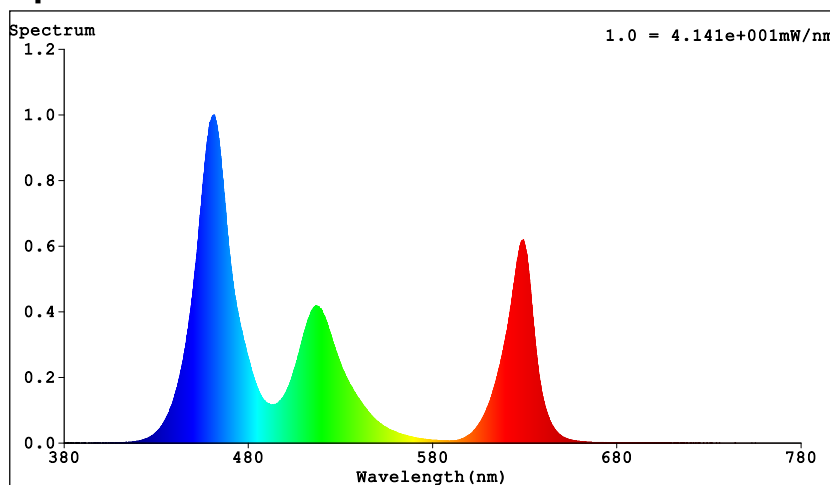
Date : 2026-05-26
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WXX

Test Condition

Temperature : 20.0 °C
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 51883 (79%)
T : 198 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2373$ $y = 0.2153$ / $u' = 0.1857$ $v' = 0.3793$ ($duv = -1.40e-02$)

CCT $\geq 100000K$ Prcp WL: $L_d = 472.2nm$ Purity = 44.6%

Peak WL: $L_p = 462nm$ FWHM: $= 20.7nm$ Ratio: R=24.4% G=61.9% B=13.7%

Render Index: $R_a = 38.8$ TM30: $R_f = 46$ $R_g = 123$

R1 = 14 R2 = 45 R3 = 70 R4 = 39 R5 = 39 R6 = 44 R7 = 59

R8 = 0 R9 = 0 R10 = 0 R11 = 21 R12 = 51 R13 = 17 R14 = 77 R15 = 0

LEVEL: OUT

TLCI Parameters: TLCI = 16.8

Photometric & Radiometric Parameters

Flux = 434.54 lm Eff. : 36.26 lm/W $Fe = 2.1504 W$

EEL: 0.30236 B

EEC: 36.3 G

Electrical parameters

V = 12.00 V I = 0.9988 A P = 11.98 W PF = 1.000

Freq = 0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>