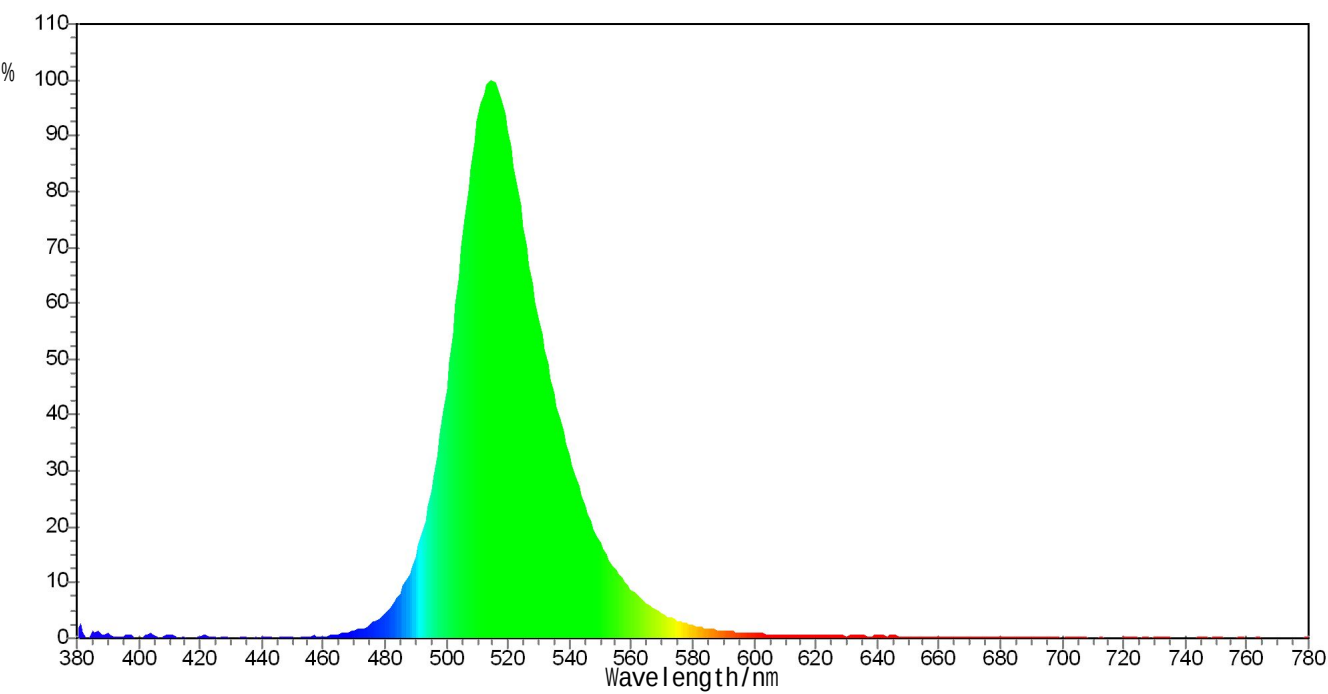
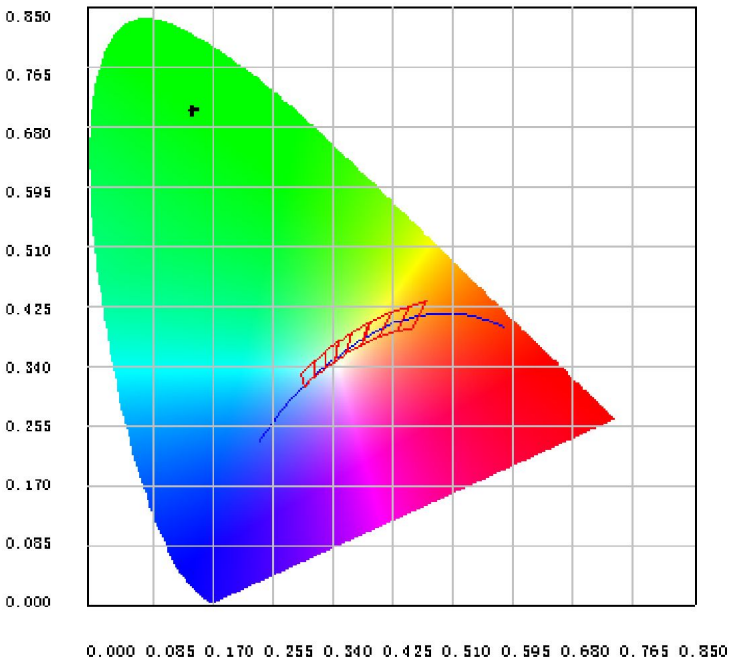


LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.1462 y: 0.7064
u: 0.0523 v: 0.3790
WD: 521.0 nm WP: 515.6 nm
HW: 32.0 nm Purity: 0.745
CCT: 8426 K Ra: -22.3
SDCM : 302.66 DUV : 0.1620
Ratio: R%: 1.7 G%: 86.5 B%: 11.8
Kred 0.44% Kgreen 94.06% Kblue 5.50%
R1: -33.1 R2: -10.0 R3: -26.3
R4: -61.8 R5: -5.6 R6: -12.6
R7: -3.0 R8: -26.2 R9: -338.4
R10: -106.8 R11: -46.3 R12: -27.4
R13: -41.8 R14: 37.6 R15: -30.6
Rf : 0.0 Rg : 0.0



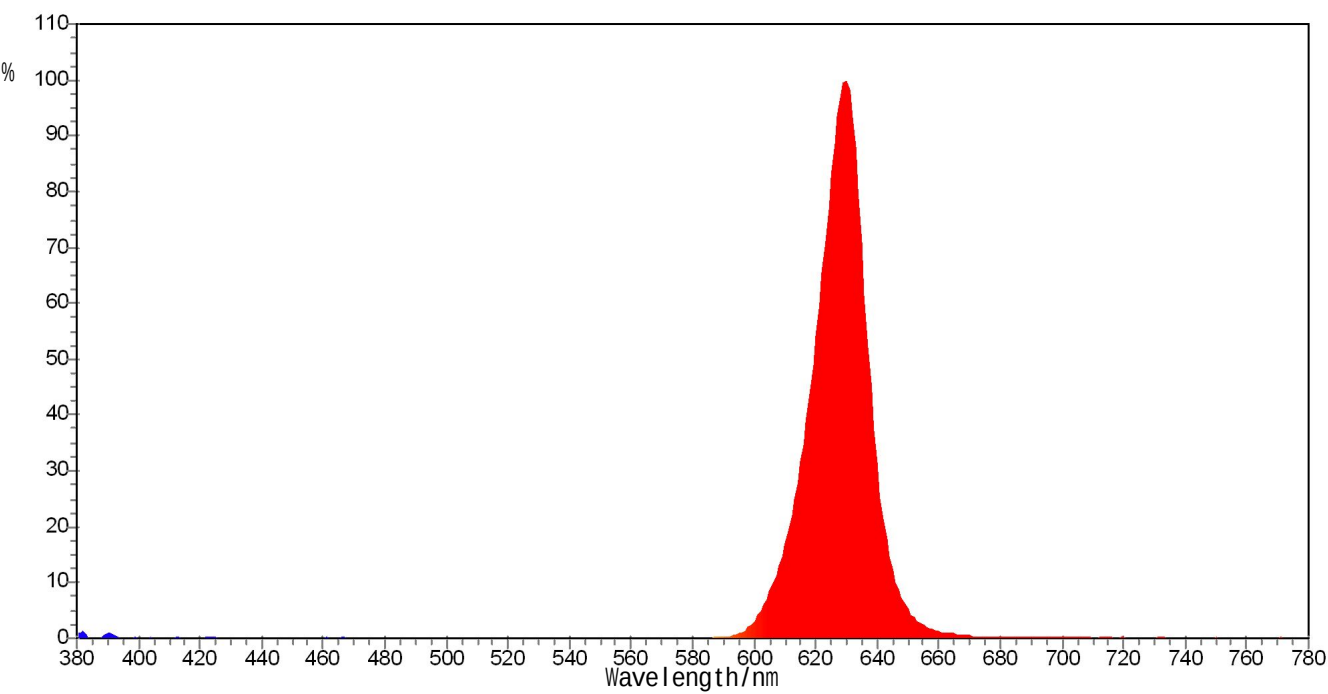
Electrical parameters

Flux: 72.189 lm E: 15.027 lm/w P: 143.87 mw
I: 400.3 mA V: 12.00 V P: 4.804 w PF:

Memo:

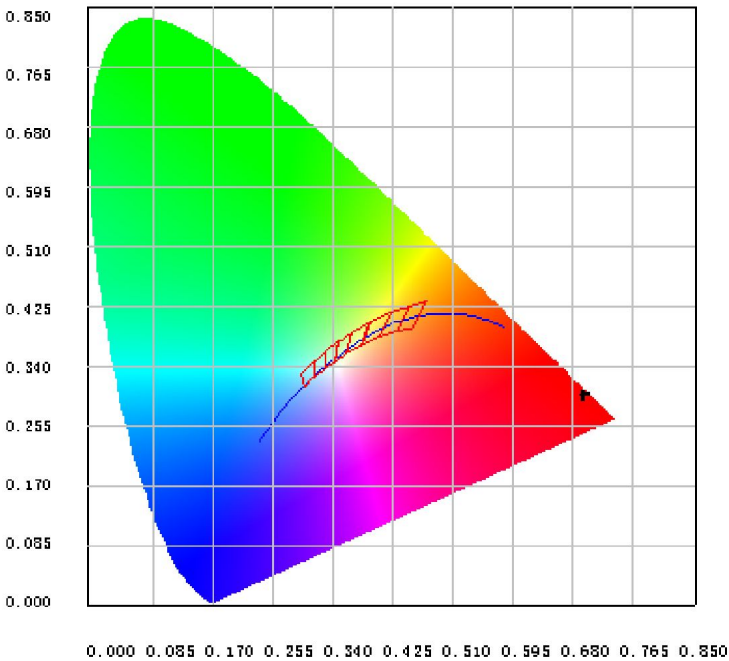
Product Mode:	N012060CB3SF RGB G	Item No:	61700005
Tester:	FANQIULIAN	Date:	2019-10-23
Temperature:	27 ()	Humidity:	61 (%)
Manufacturer:	iPixel LED Light Co Ltd	organization:	Quality department

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.6940 y: 0.3026
u: 0.5294 v: 0.3463
WD: 623.2 nm WP: 630.3 nm
HW: 18.2 nm Purity: 0.990
CCT: 4863 K Ra: -27.8
SDCM : 198.41 DUV : -0.0014
Ratio: R%: 98.6 G%: 0.6 B%: 0.8
Kred 97.17% Kgreen 2.77% Kblue 0.06%
R1: -98.9 R2: -14.6 R3: 60.9
R4: -59.5 R5: -51.7 R6: -25.8
R7: 25.9 R8: -58.6 R9: -350.6
R10: -93.9 R11: 36.7 R12: -69.9
R13: -98.8 R14: 69.6 R15: -77.8
Rf : 0.0 Rg : 0.0



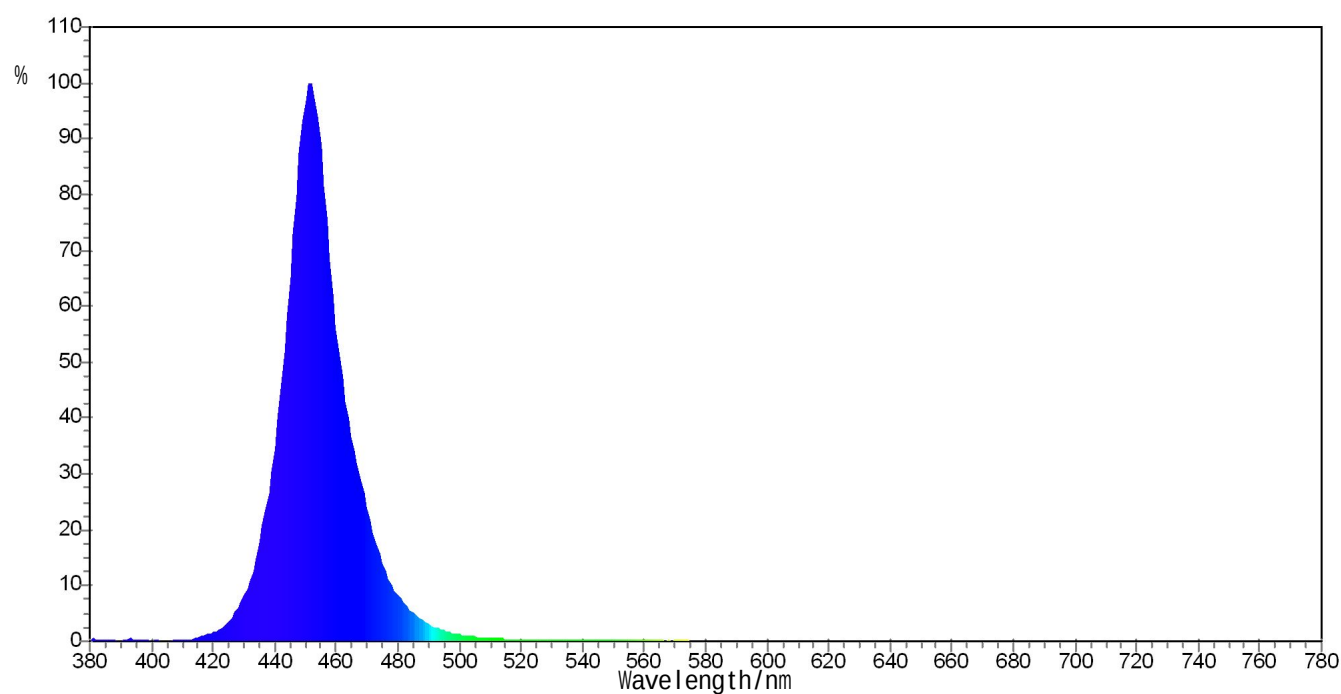
Electrical parameters

Flux: 26.525 lm E: 5.512 lm/w P: 117.76 mw
I: 401.0 mA V: 12.00 V P: 4.812 w PF:

Memo:

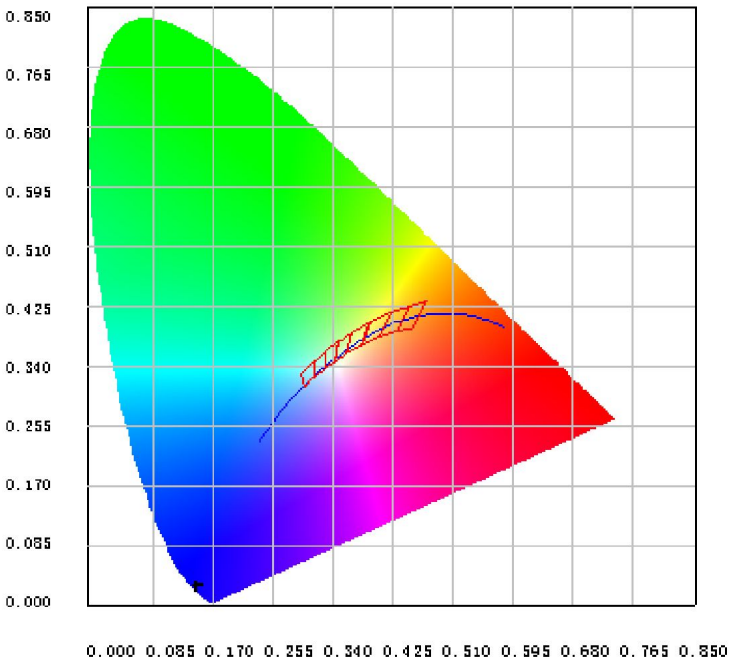
Product Mode:	N012060CB3SF RGB R	Item No:	61700005
Tester:	FANQIULIAN	Date:	2019-10-23
Temperature:	27 ()	Humidity:	61 (%)
Manufacturer:	iPixel LED Light Co Ltd	organization:	Quality department

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.1519 y: 0.0320
u: 0.1972 v: 0.0624
WD: 457.2 nm WP: 452.1 nm
HW: 18.9 nm Purity: 0.979
CCT: 1643 K Ra: -79.9
SDCM : 167.50 DUV : -0.1001
Ratio : R%: 0.5 G%: 1.3 B%: 98.2
Kred 1.42% Kgreen 15.18% Kblue 83.40%
R1: -51.4 R2: 24.0 R3: -127.5
R4: -152.5 R5: -64.1 R6: 10.3
R7: -82.6 R8: -195.1 R9: -446.4
R10: -97.4 R11: -75.9 R12: -87.5
R13: -12.5 R14: -25.0 R15: -84.1
Rf : 0.0 Rg : 0.0



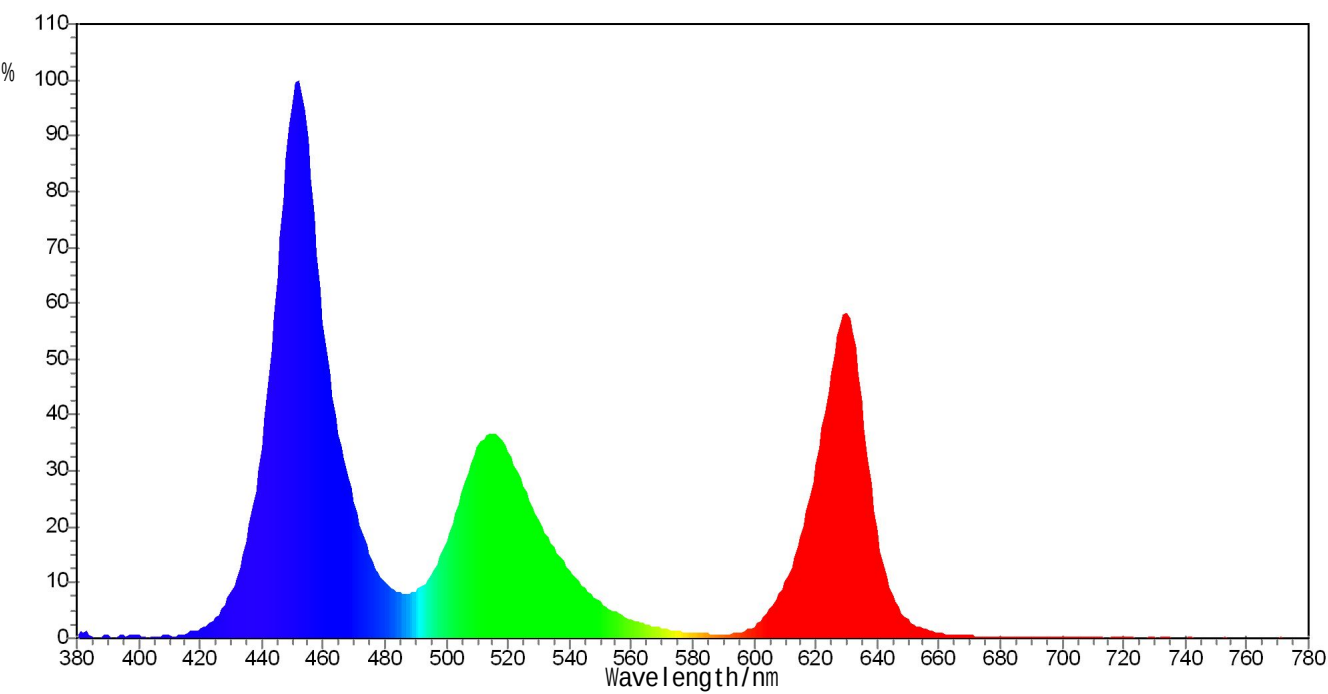
Electrical parameters

Flux: 10.305 lm E: 2.144 lm/w P: 278.60 mw
I: 400.6 mA V: 12.00 V P: 4.807 w PF:

Memo:

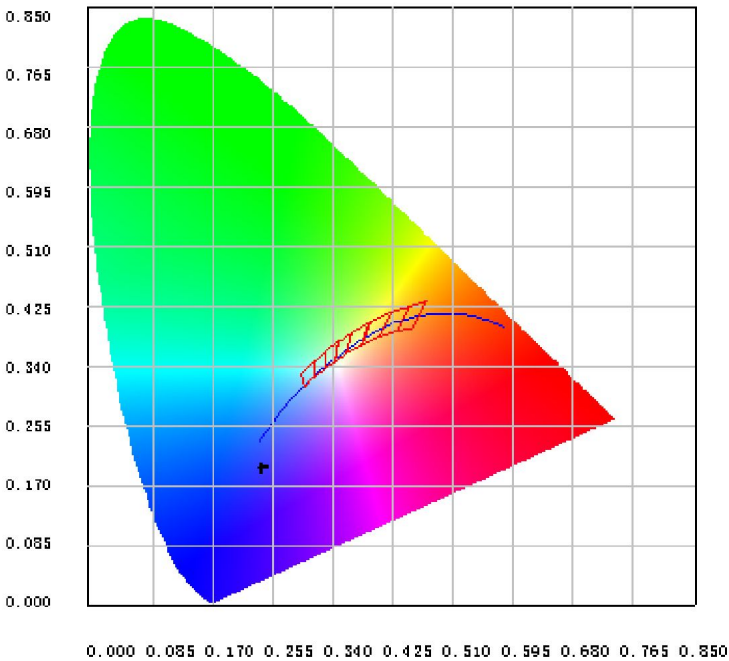
Product Mode:	N012060CB3SF RGB B	Item No:	61700005
Tester:	FANQIULIAN	Date:	2019-10-23
Temperature:	27 ()	Humidity:	61 (%)
Manufacturer:	iPixel LED Light Co Ltd	organization:	Quality department

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.2432 y: 0.1986
u: 0.1987 v: 0.2433
WD: 464.5 nm WP: 452.5 nm
HW: 18.9 nm Purity: 0.457
CCT: 373583 K Ra: 31.2
SDCM : 102.29 DUV : -0.0233
Ratio : R%: 25.2 G%: 24.8 B%: 50.0
Kred 25.94% Kgreen 61.87% Kblue 12.18%
R1: -0.9 R2: 47.2 R3: 74.5
R4: 12.8 R5: 29.3 R6: 52.4
R7: 61.0 R8: -26.8 R9: -298.4
R10: -24.8 R11: 24.1 R12: 57.8
R13: 4.1 R14: 78.0 R15: -25.5
Rf : 0.0 Rg : 0.0



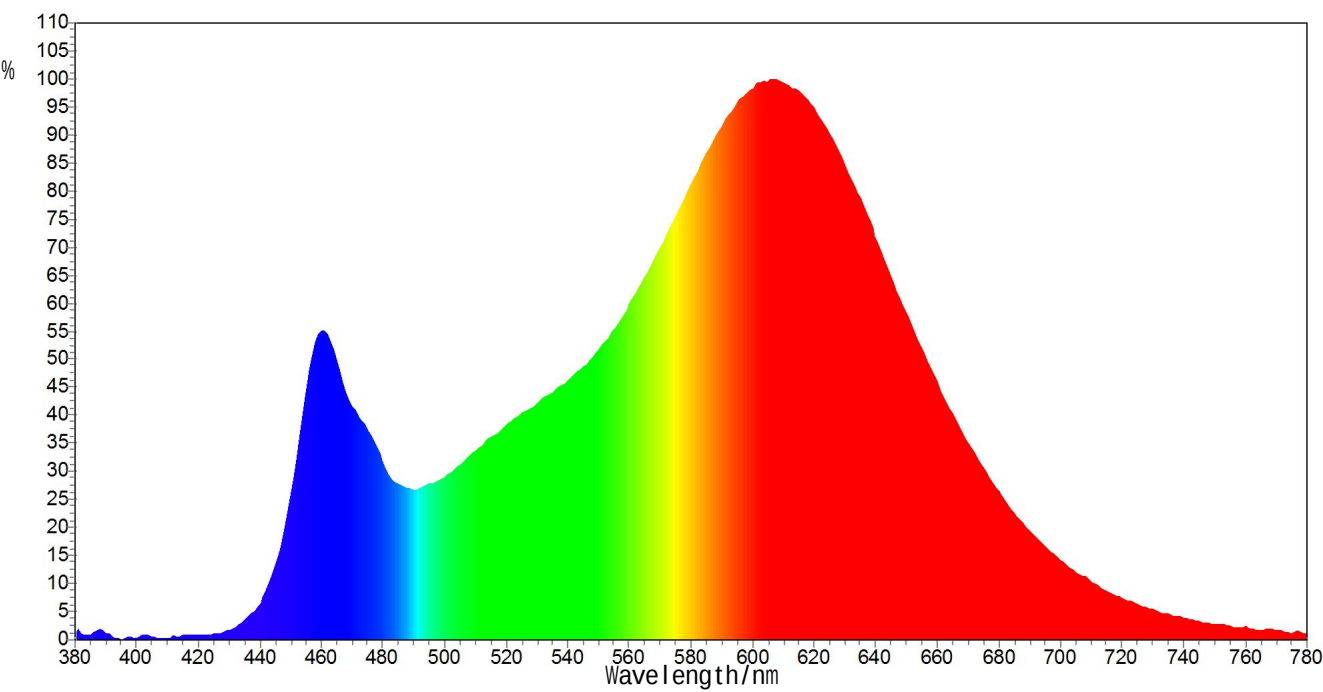
Electrical parameters

Flux: 108.581 lm E: 9.081 lm/w P: 502.76 mw
I: 996.4 mA V: 12.00 V P: 11.957 w PF:

Memo:
1M RGB混白光

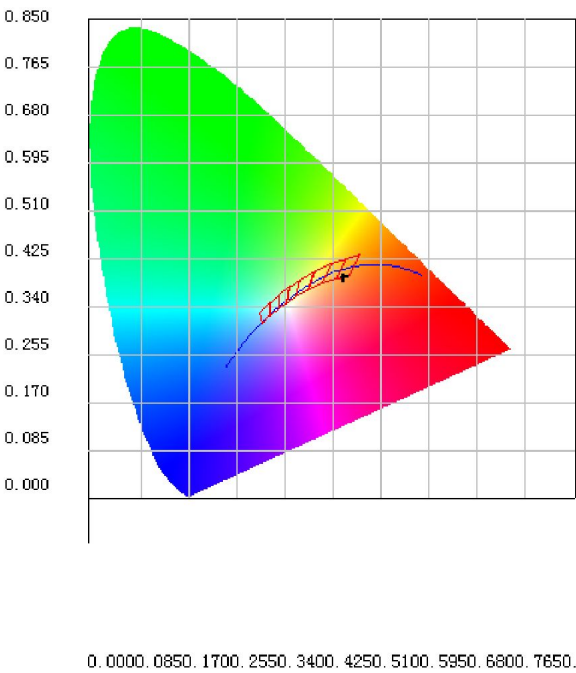
Product Mode:	N012060CB3SF RGB	Item No:	61700005
Tester:	FANQIULIAN	Date:	2019-10-23
Temperature:	27 ()	Humidity:	61 (%)
Manufacturer:	iPixel LED Light Co Ltd	organization:	Quality department

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.4453 y: 0.3971
u: 0.2591 v: 0.3466
WD: 585.1 nm WP: 607.9 nm
HW: 109.6 nm Purity: 0.528
CCT: 2806 K Ra: 82.7
SDCM : 9.36 DUV : -0.0038
Ratio : R%: 45.0 G%: 40.3 B%: 14.7
Kred 22.14% Kgreen 74.10% Kblue 3.76%
R1: 84.5 R2: 97.7 R3: 87.9
R4: 79.6 R5: 86.6 R6: 93.4
R7: 76.2 R8: 56.1 R9: 13.2
R10: 95.0 R11: 67.1 R12: 74.9
R13: 88.1 R14: 94.3 R15: 76.2
Rf : 0.0 Rg : 0.0



Electrical parameters

Flux: 388.474 lm E: 109.6 lm/w P: 1286.16 mw
I: 764.9 mA V: 12.00 V P: 9.179 w PF:

Memo:

1M

Product Mode:	N012120BB1LZ 2800-3200K	Item No:	51800230
Tester:	LIUYUANFEN	Date:	2021-3-18
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	iPixel LED LightCo Ltd	organization:	Quality department

Spectrum Test Report

Sample :
Specification : N012120BC1LZ 2700±150K
Sample No. : 10301-0805-00
Manufacturer : iPixel LED

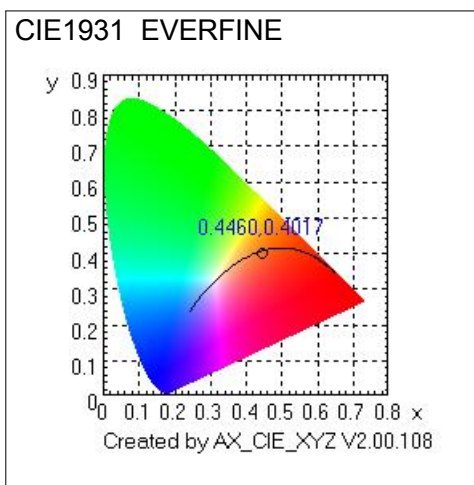
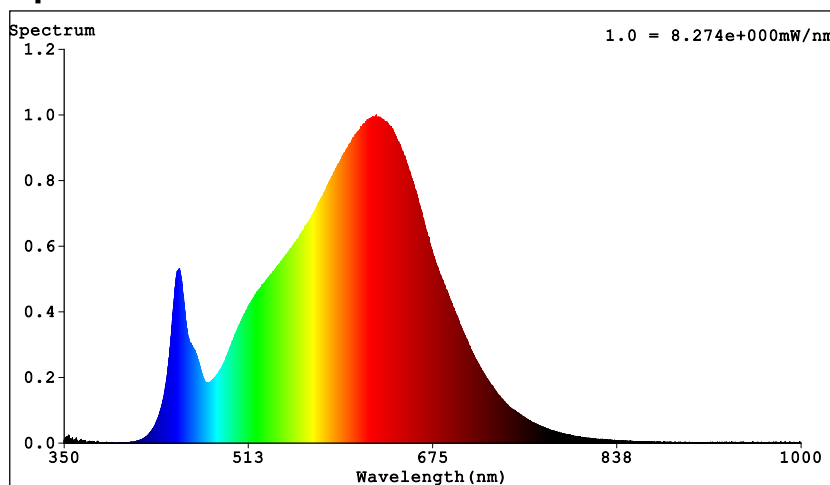
Date : 2023-11-11
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH : 65.0%
IP : 48855 (75%)
T : 617 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4460$ $y = 0.4017$ / $u' = 0.2575$ $v' = 0.5218$ ($duv = -2.06e-03$)

CCT= 2833K Prpc WL: $L_d = 584.3nm$ Purity=54.4%

Peak WL: $L_p = 625nm$ FWHM: $= 154.8nm$ Ratio: R=25.4% G=72.0% B=2.6%

Render Index: $R_a = 92.8$ TM30: $R_f = 91$ $R_g = 101$

R1 =93 R2 =96 R3 =98 R4 =93 R5 =93 R6 =95 R7 =92

R8 =82 R9 =62 R10=91 R11=93 R12=83 R13=94 R14=98 R15=90

LEVEL:OUT

TLCI Parameters: TLCI = 90.3

Photometric & Radiometric Parameters

Flux = 392.40 lm Eff. : 32.38 lm/W $Fe = 1.4099 W$

EEI: 0.33058 B

EEC: 32.4 G

Electrical parameters

V = 24.00 V I = 0.5050 A P = 12.12 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

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Spectrum Test Report

Sample :
Specification : N012060CC4DE1 R
Sample No. : 10305-0696-00
Manufacturer : iPixel LED

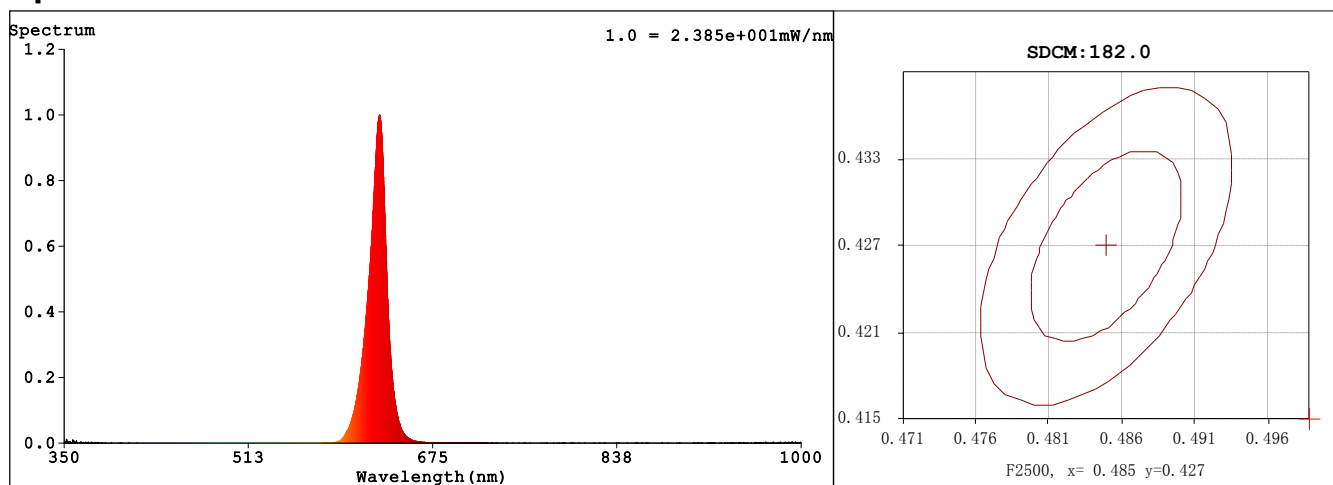
Date : 2024-11-06
Sam. Status : 6M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH	: 65.0%
IP	: 49778 (76%)
T	: 252 ms
Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6935$ $y = 0.3063$ / $u' = 0.5245$ $v' = 0.5212$ ($duv = -7.70e-02$)

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

Peak WL: Lp=628nm FWHM: =15.8nm Ratio:R=98.2% G=1.8% B=0.0%

Render Index: Ra = 23.8 TM30:Rf=1 Rg=8395263688019306300000000000000000

R1 =0 R2 =77 R3 =23 R4 =0 R5 =0 R6 =89 R7 =0

R8 =0 R9 =0 R10=70 R11=0 R12=79 R13=26 R14=55 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 1.5

Photometric & Radiometric Parameters

Flux = 98.797 lm Eff. : 3.47 lm/W Fe = 456.97 mW

EEI: 2.09656 E Lowest

EEC: 3.5 G

Electrical parameters

$$V = 24.00 \text{ V} \quad I = 1.187 \text{ A} \quad P = 28.49 \text{ W} \quad \text{PF} = 1.000$$

Freq=0.00 Hz

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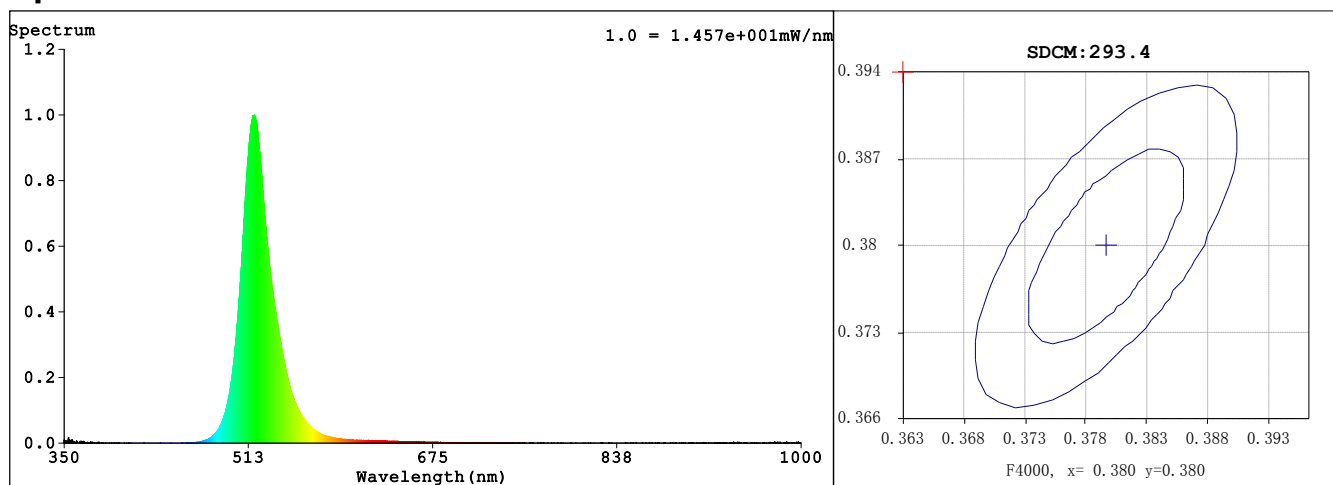
Spectrum Test Report

Sample	:		Date	:	2024-11-06
Specification	:	N012060CC4DE1 G	Sam. Status	:	6M
Sample No.	:	10305-0696-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LEIXIAOLAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	49562 (76%)
Test Mode	:	Accuracy Test	T	:	337 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1553$ $y = 0.7317$ / $u' = 0.0541$ $v' = 0.5741$ ($duv=1.62e-01$)

CCT= 8030K Prpc WL: Ld=524.8nm Purity=80.7%

Peak WL: Lp=518nm FWHM: =27.1nm Ratio:R=0.6% G=97.5% B=1.9%

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=33 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 3.4

Photometric & Radiometric Parameters

Flux = 229.95 lm Eff. : 8.07 lm/W Fe = 492.85 mW

EEL: 1.15738 E Lowest

EEC: 8.1 G

Electrical parameters

V = 24.00 V I = 1.187 A P = 28.49 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

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Spectrum Test Report

Sample :
Specification : N012060CC4DE1 B
Sample No. : 10305-0696-00
Manufacturer : iPixel LED

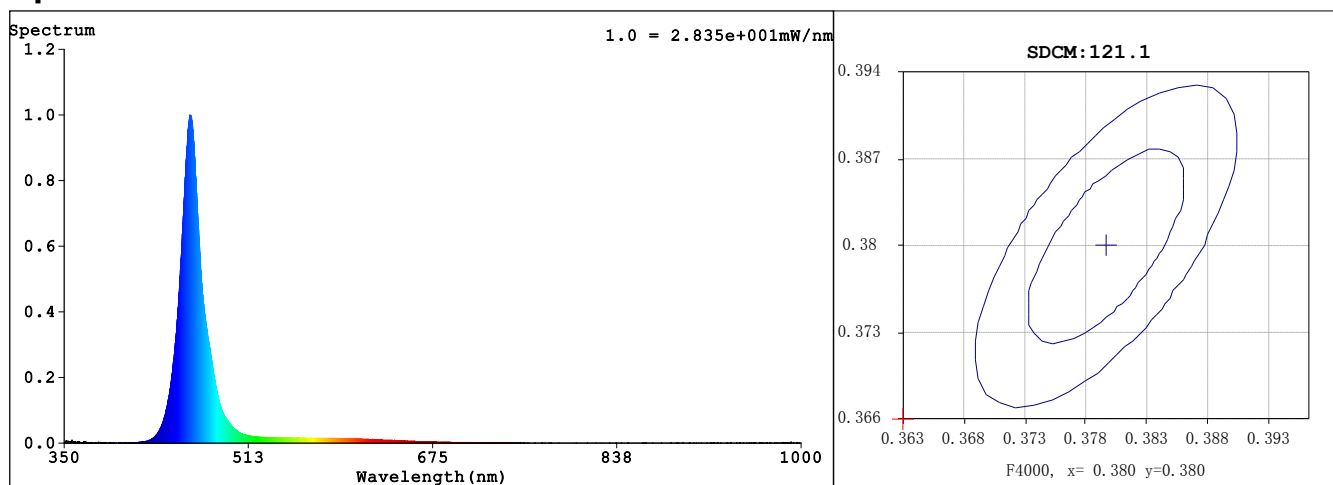
Date : 2024-11-06
Sam. Status : 6M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH : 65.0%
IP : 51033 (78%)
T : 237 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1547$ $y = 0.0755$ / $u' = 0.1720$ $v' = 0.1889$ ($duv = -1.40e-01$)

CCT $\geq 100000K$ Prcp WL: $L_d = 466.4nm$ Purity = 89.1%

Peak WL: $L_p = 461nm$ FWHM: $= 18.9nm$ Ratio: $R = 5.9\%$ $G = 39.1\%$ $B = 54.9\%$

Render Index: $R_a = 17.1$ TM30: $R_f = 2$ $R_g = 201$

$R_1 = 67$ $R_2 = 0$ $R_3 = 0$ $R_4 = 0$ $R_5 = 70$ $R_6 = 0$ $R_7 = 0$

$R_8 = 0$ $R_9 = 0$ $R_{10} = 0$ $R_{11} = 0$ $R_{12} = 0$ $R_{13} = 37$ $R_{14} = 0$ $R_{15} = 54$

LEVEL: OUT

TLCI Parameters: $TLCI = 11.0$

Photometric & Radiometric Parameters

Flux = 66.027 lm Eff. : 2.32 lm/W $\Phi_e = 756.20 mW$

EEL: 2.74295 E Lowest

EEC: 2.3 G

Electrical parameters

$V = 24.00 V$ $I = 1.187 A$ $P = 28.49 W$ $PF = 1.000$

Freq = 0.00 Hz

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Spectrum Test Report

Sample :
Specification : N012060CC4DE1 6500±400K
Sample No. : 10305-0696-00
Manufacturer : iPixel LED

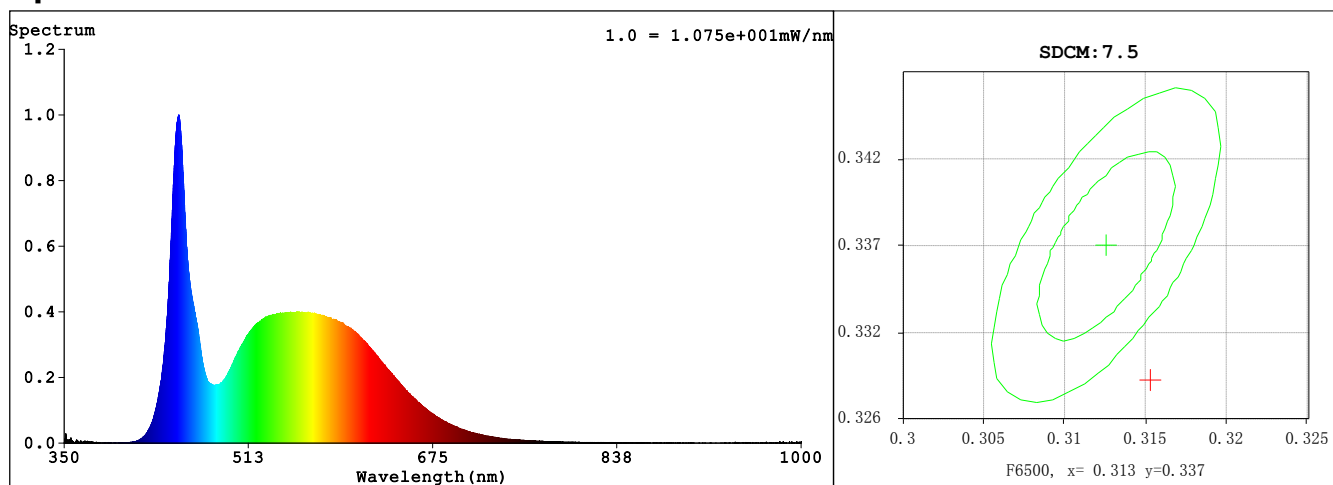
Date : 2024-11-06
Sam. Status : 6M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH : 65.0%
IP : 47573 (73%)
T : 652 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3157$ $y = 0.3287$ / $u' = 0.2001$ $v' = 0.4686$ ($duv=1.51e-03$)

CCT= 6344K Prpc WL: $L_d=488.3nm$ Purity=6.3%

Peak WL: $L_p=451nm$ FWHM: $=17.7nm$ Ratio:R=13.9% G=80.9% B=5.2%

Render Index: $R_a = 83.4$ TM30:Rf=83 Rg=95

R1 =83 R2 =87 R3 =88 R4 =84 R5 =83 R6 =81 R7 =89

R8 =73 R9 =16 R10=68 R11=83 R12=55 R13=84 R14=94 R15=79

LEVEL:OUT

TLCI Parameters: TLCI = 71.6

Photometric & Radiometric Parameters

Flux = 278.33 lm Eff. : 9.77 lm/W Fe = 903.75 mW

EEL: 1.00596 E Lowest

EEC: 9.8 G

Electrical parameters

V = 24.00 V I = 1.187 A P = 28.49 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : N012060CC4DE1 Mixed
Sample No. : 10305-0696-00
Manufacturer : iPixel LED

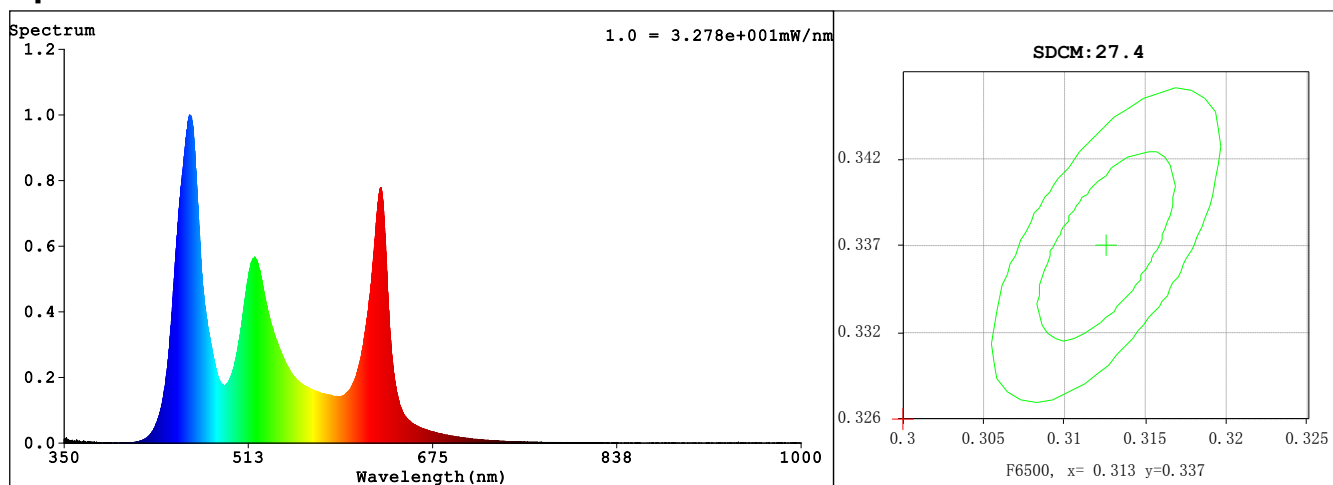
Date : 2024-11-06
Sam. Status : 6M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH : 65.0%
IP : 50516 (77%)
T : 203 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2831$ $y = 0.2847$ / $u' = 0.1936$ $v' = 0.4380$ ($duv = -3.51e-03$)

CCT= 9931K Prpc WL: $L_d = 477.6nm$ Purity=21.6%

Peak WL: $L_p = 461nm$ FWHM: $=24.6nm$ Ratio: R=20.3% G=71.4% B=8.4%

Render Index: $R_a = 68.2$ TM30: $R_f = 74$ $R_g = 113$

R1 =55 R2 =78 R3 =88 R4 =63 R5 =67 R6 =75 R7 =78

R8 =41 R9 =0 R10=53 R11=51 R12=68 R13=59 R14=89 R15=46

LEVEL:OUT

TLCI Parameters: TLCI = 53.7

Photometric & Radiometric Parameters

Flux = 661.38 lm Eff. : 7.76 lm/W $F_e = 2.5724 W$

EEL: 1.54887 E Lowest

EEC: 7.8 G

Electrical parameters

V = 24.00 V I = 3.552 A P = 85.25 W PF = 1.000

Freq=0.00 Hz

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Spectrum Test Report

Sample :
Specification : N012060CC4DC0 R
Sample No. : 10305-0838-00
Manufacturer : iPixel LED

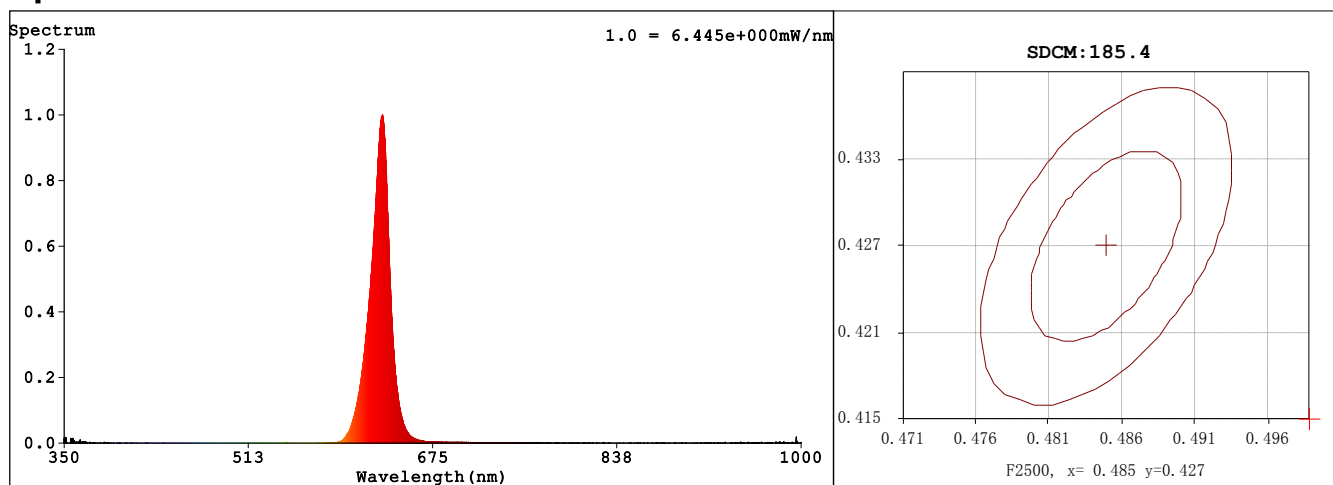
Date : 2026-06-09
Sam. Status : 1000×12×22MM
Instrument : HAAS-2000(EVERFINE)
Test by : WXX

Test Condition

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

RH	: 65.0%
IP	: 57035 (87%)
T	: 1249 ms
Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6968$ $y = 0.3030$ / $u' = 0.5317$ $v' = 0.5202$ ($duv = -8.41e-02$)

CCT= 1001K Prcp WL: Ld=622.8nm Purity=100.0%

Peak WL: Lp=631nm FWHM: =17.0nm Ratio:R=98.7% G=1.3% B=0.0%

Render Index: Ra = 23.8 TM30:Rf=1 Rg=4958222204146590800000000000000000

R1 =0 R2 =77 R3 =24 R4 =0 R5 =0 R6 =89 R7 =0

R8 = 0 R9 = 0 R10 = 70 R11 = 0 R12 = 79 R13 = 26 R14 = 55 R15 = 0

LEVEL:OUT

TLCI Parameters: $TLCI = 1.5$

Photometric & Radiometric Parameters

Flux = 26.300 lm Eff. : 4.21 lm/W Fe = 132.60 mW

EEI: 1.07588 E Lowest

EEC: 4.2 G

Electrical parameters

 $V = 24.00 \text{ V} \quad I = 0.2601 \text{ A} \quad P = 6.242 \text{ W} \quad PF = 1.000$

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

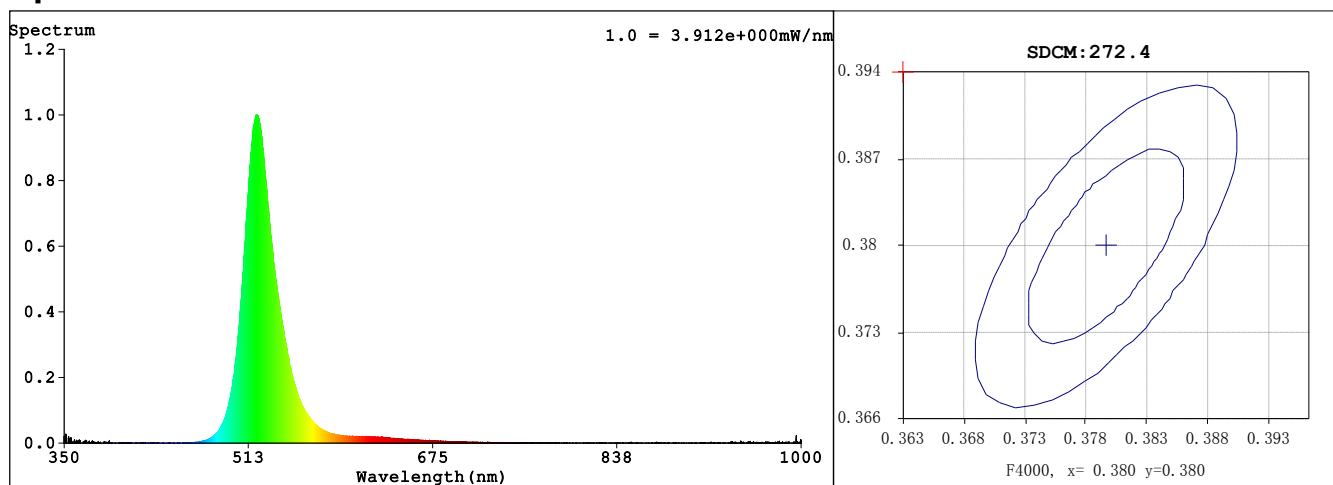
Spectrum Test Report

Sample	:		Date	:	2026-06-09
Specification	:	N012060CC4DC0 G	Sam. Status	:	1000×12×22MM
Sample No.	:	10305-0838-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	WXX

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	40759 (62%)
Test Mode	:	Fast Test	T	:	1249 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1857$ $y = 0.7231$ / $u' = 0.0657$ $v' = 0.5756$ ($duv=1.53e-01$)

CCT= 7576K Prpc WL: Ld=529.9nm Purity=82.4%

Peak WL: Lp=519nm FWHM: =29.3nm Ratio:R=1.3% G=97.3% B=1.4%

Render Index: Ra = 0.0 TM30:Rf=3 Rg=10

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 = 4.0

Photometric & Radiometric Parameters

Flux = 69.980 lm Eff. : 11.15 lm/W Fe = 144.71 mW

EEI: 0.58179 B

EEC: 11.1 G

Electrical parameters

V = 24.00 V I = 0.2616 A P = 6.278 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : N012060CC4DC0 B
Sample No. : 10305-0838-00
Manufacturer : iPixel LED

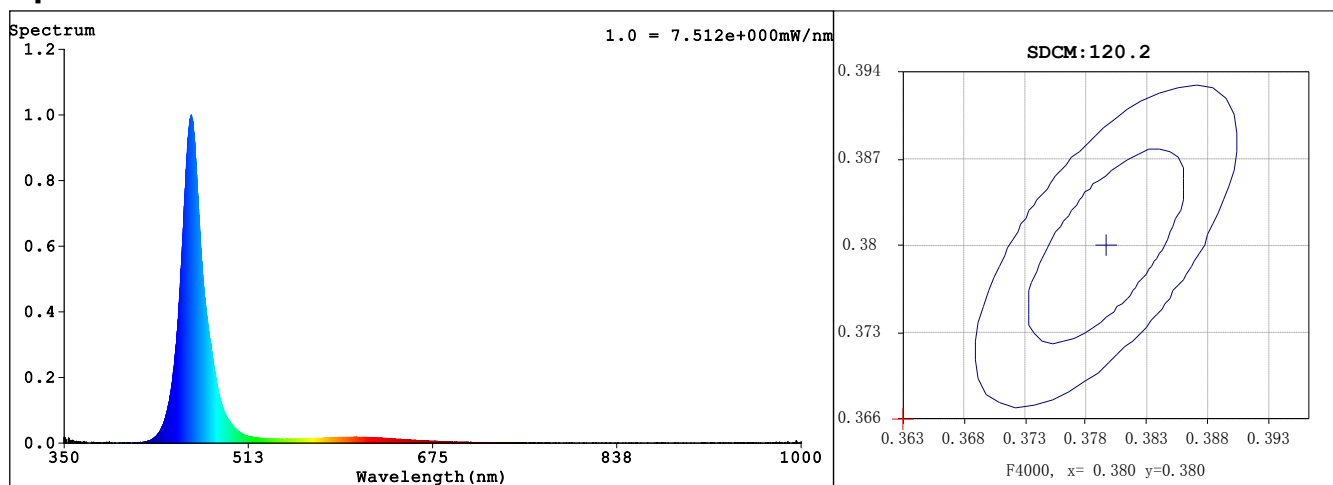
Date : 2026-06-09
Sam. Status : 1000×12×22MM
Instrument : HAAS-2000(EVERFINE)
Test by : WXX

Test Condition

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

RH : 65.0%
IP : 58904 (90%)
T : 1249 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1570$ $y = 0.0771$ / $u' = 0.1740$ $v' = 0.1921$ ($duv = -1.38e-01$)

CCT>=100000K Prcp WL: Ld=466.0nm Purity=88.2%

Peak WL: Lp=462nm FWHM: =19.8nm Ratio:R=8.4% G=35.1% B=56.5%

Render Index: Ra = 20.3 TM30:Rf=4 Rg=203

R1 =80 R2 =0 R3 =0 R4 =0 R5 =82 R6 =0 R7 =0

R8 =0 R9 =33 R10=0 R11=0 R12=0 R13=29 R14=0 R15=57

LEVEL:OUT

TLCI Parameters: TLCI = 8.5

Photometric & Radiometric Parameters

Flux = 17.969 lm Eff. : 2.89 lm/W Fe = 205.82 mW

EEL: 1.35063 E Lowest

EEC: 2.9 G

Electrical parameters

V = 24.00 V I = 0.2595 A P = 6.227 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

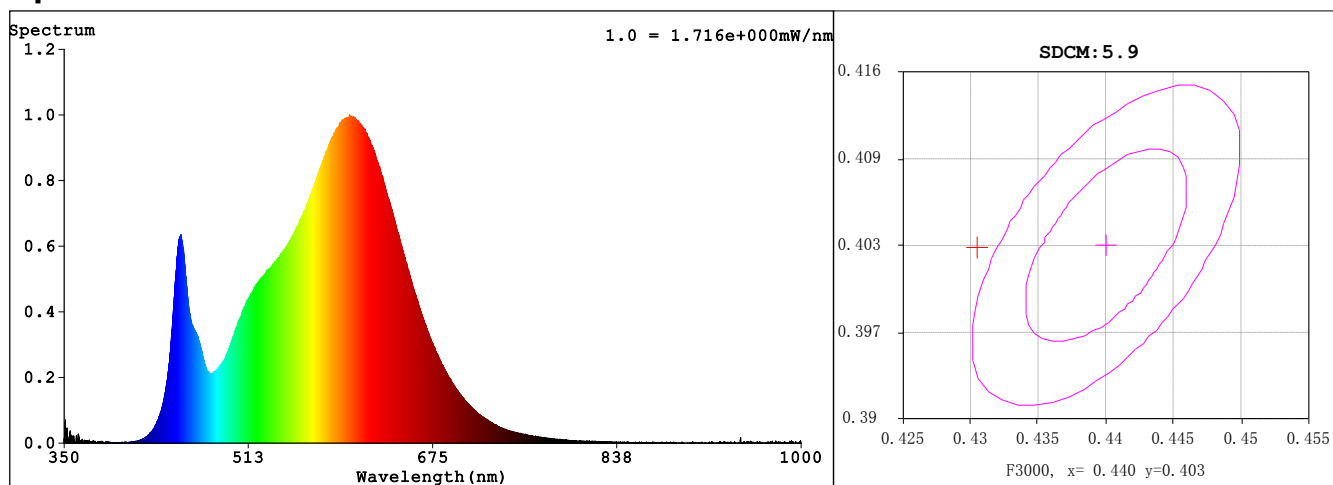
Spectrum Test Report

Sample	:		Date	:	2026-06-09
Specification	:	N012060CC4DC0 W	Sam. Status	:	1000×12×22MM
Sample No.	:	10305-0838-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	WXX

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	50608 (77%)
Test Mode	:	Fast Test	T	:	3775 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4305$ $y = 0.4029$ / $u' = 0.2469$ $v' = 0.5199$ ($duv=4.56e-04$)

CCT= 3102K Prpc WL: $L_d=582.2nm$ Purity=50.1%

Peak WL: $L_p=602nm$ FWHM: $=132.8nm$ Ratio:R=22.3% G=74.9% B=2.8%

Render Index: $R_a = 83.1$ TM30:Rf=84 Rg=95

R1 =82 R2 =92 R3 =96 R4 =81 R5 =82 R6 =90 R7 =83

R8 =60 R9 =8 R10=81 R11=80 R12=69 R13=84 R14=99 R15=74

LEVEL:OUT

TLCI Parameters: TLCI = 70.3

Photometric & Radiometric Parameters

Flux = 85.122 lm Eff. : 13.68 lm/W Fe = 258.12 mW

EEL: 0.50632 B

EEC: 13.7 G

Electrical parameters

V = 24.00 V I = 0.2593 A P = 6.223 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : N012060CC4DC0 Mixed
Sample No. : 10305-0838-00
Manufacturer : iPixel LED

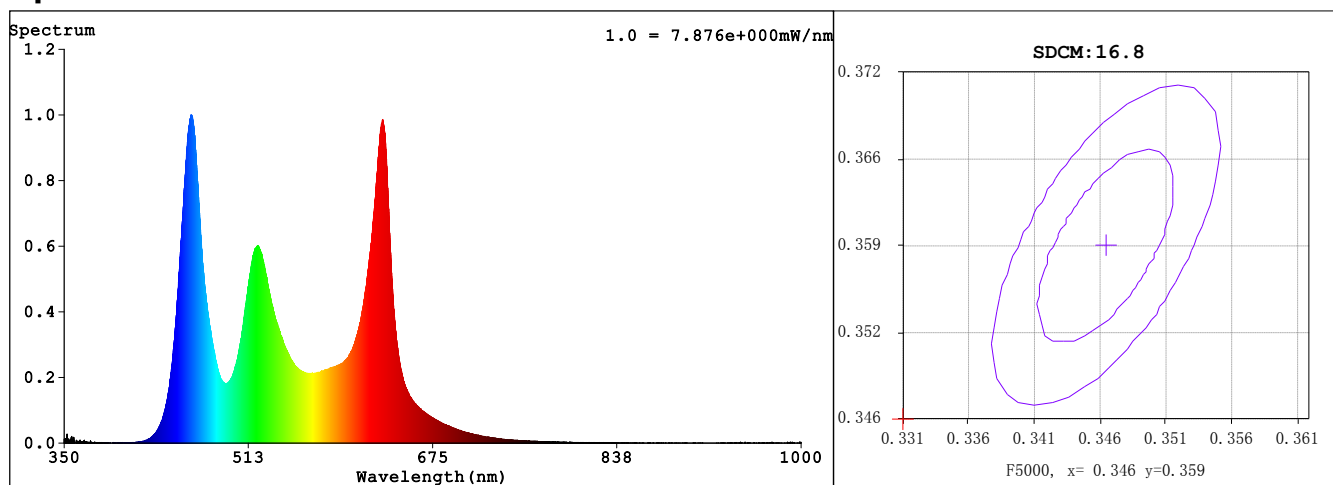
Date : 2026-06-09
Sam. Status : 1000×12×22MM
Instrument : HAAS-2000(EVERFINE)
Test by : WXX

Test Condition

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

RH : 65.0%
IP : 55032 (84%)
T : 1000 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3275$ $y = 0.3181$ / $u' = 0.2126$ $v' = 0.4646$ ($duv = -9.95e-03$)

CCT= 5755K Prpc WL: $L_d = 567.4nm$ Purity=6.4%

Peak WL: $L_p = 463nm$ FWHM: $= 22.4nm$ Ratio: R=23.5% G=69.7% B=6.8%

Render Index: $R_a = 65.1$ TM30: $R_f = 76$ $R_g = 113$

R1 =51 R2 =74 R3 =91 R4 =58 R5 =59 R6 =66 R7 =80

R8 =41 R9 =0 R10=47 R11=45 R12=62 R13=55 R14=91 R15=45

LEVEL:OUT

TLCI Parameters: TLCI = 63.0

Photometric & Radiometric Parameters

Flux = 195.37 lm Eff. : 10.06 lm/W $F_e = 724.24 mW$

EEL: 0.88747 D

EEC: 10.1 G

Electrical parameters

V = 24.00 V I = 0.8089 A P = 19.41 W PF = 1.000

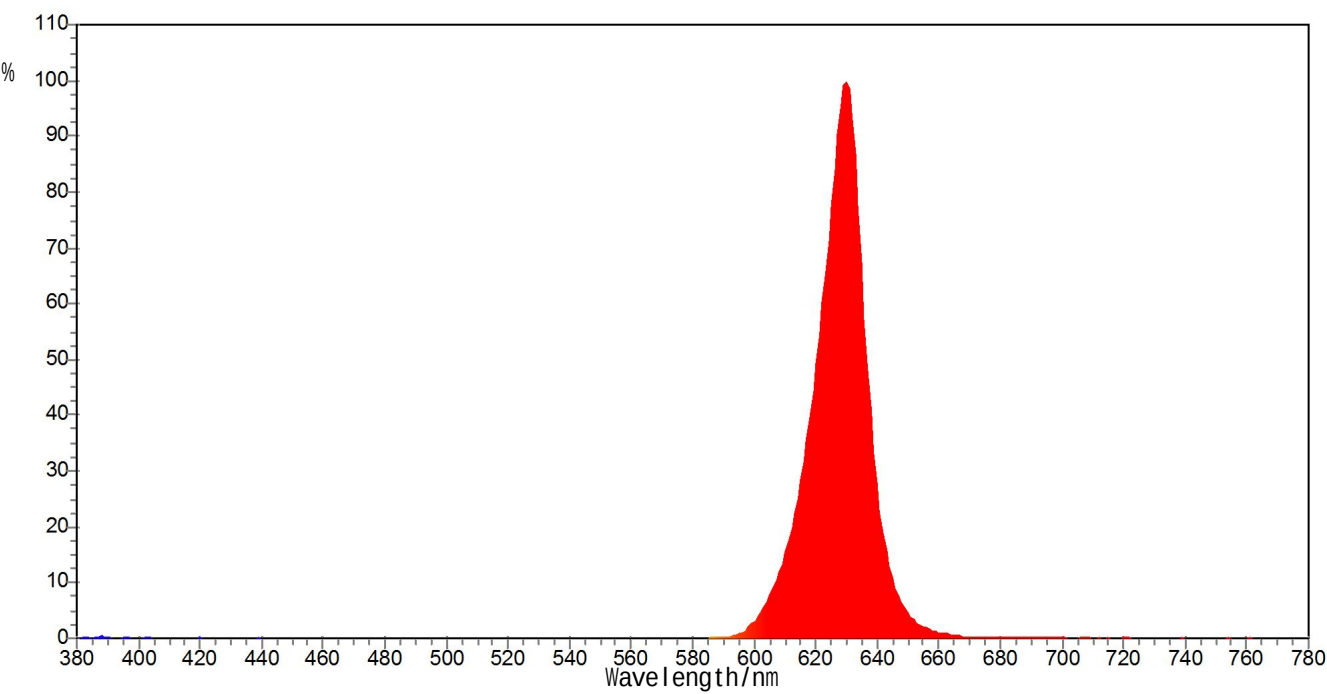
Freq=0.00 Hz

GBT5702

iPixel LED

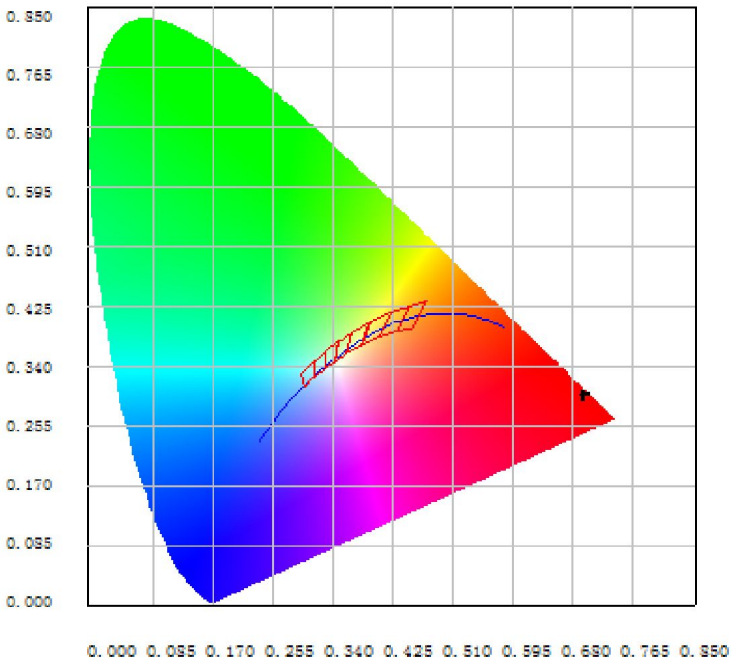
<https://www.ipixelleds.com>

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.6943 y: 0.3023
u: 0.5301 v: 0.3462
WD: 623.4 nm WP: 630.3 nm
HW: 17.1 nm Purity: 0.990
CCT: 4885 K Ra: -29.9
SDCM : 198.71 DUV : -0.0014
Ratio: R%: 98.7 G%: 0.7 B%: 0.6
Kred 97.13% Kgreen 2.83% Kblue 0.04%
R1: -83.9 R2: -7.5 R3: 51.6
R4: -79.8 R5: -94.9 R6: -72.8
R7: 65.3 R8: -17.2 R9: -351.6
R10: -94.0 R11: 34.5 R12: -73.5
R13: -82.4 R14: 57.2 R15: -64.1
Rf : 0.0 Rg : 0.0



Electrical parameters

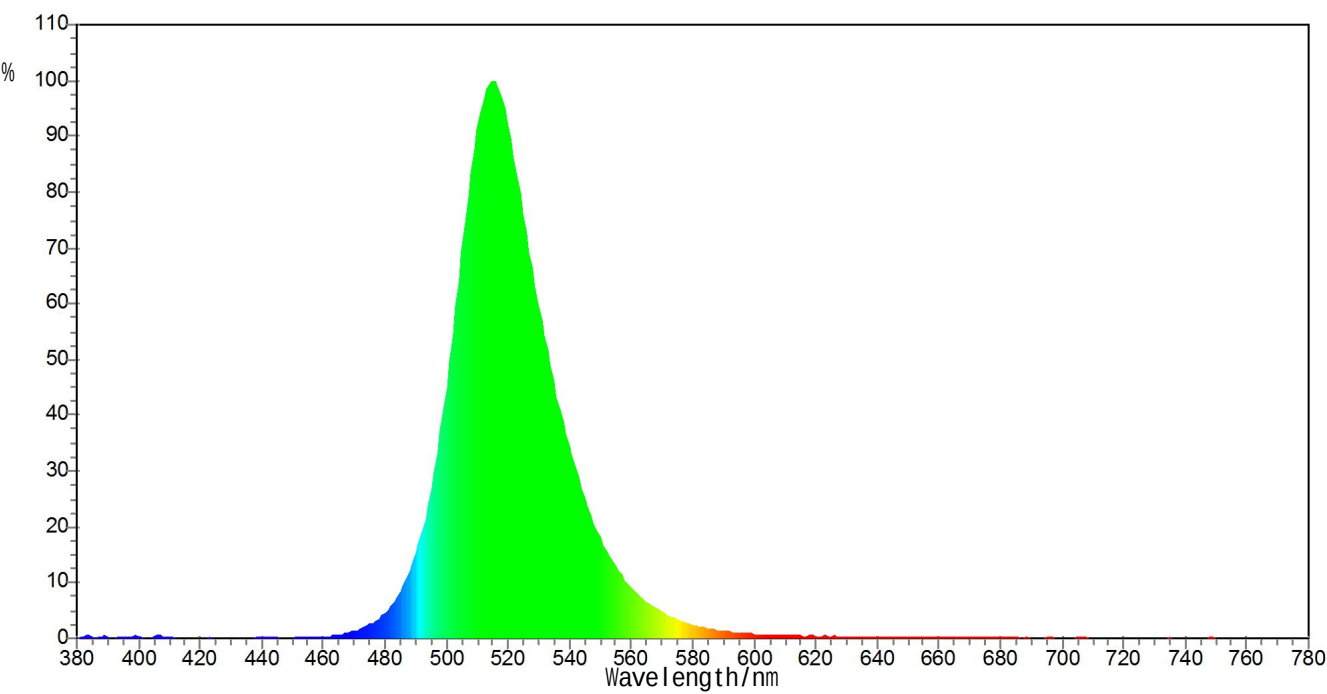
Flux: 33.488 lm E: 17.1 lm/w P: 198.53 mw
I: 207.7 mA V: 24.00 V P: 4.985 w PF:

Memo:

1M

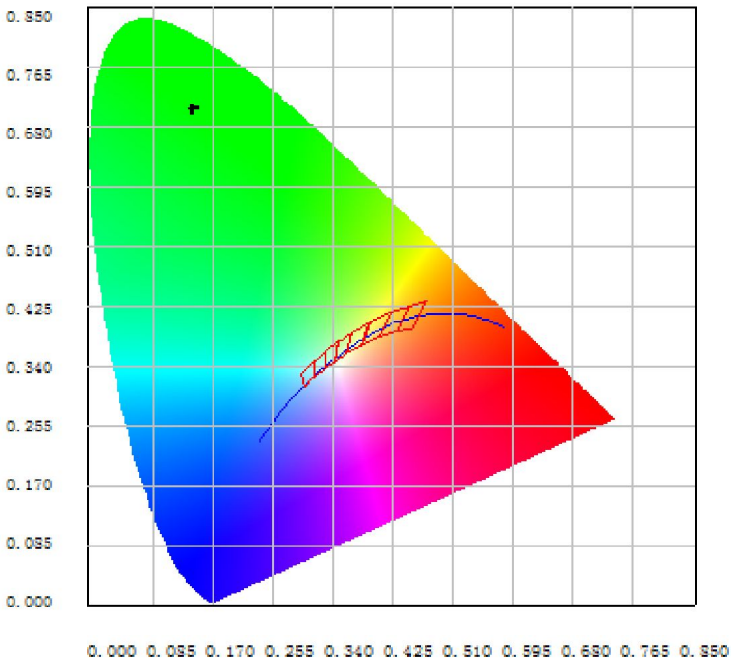
Product Mode:	N012060CC3SF-R	Item No:	51800195
Tester:	FANQIULIAN	Date:	2020-6-20
Temperature:	25 ()	Humidity:	69 (%)
Manufacturer:	iPixel LED Light Co Ltd	organization:	Quality department

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.1474 y: 0.7096
u: 0.0526 v: 0.3794
WD: 521.5 nm WP: 515.6 nm
HW: 33.0 nm Purity: 0.752
CCT: 8382 K Ra: -23.6
SDCM : 303.46 DUV : 0.1621
Ratio : R%: 1.1 G%: 87.4 B%: 11.5
Kred 0.35% Kgreen 94.23% Kblue 5.42%
R1: -33.9 R2: -10.8 R3: -27.5
R4: -64.5 R5: -6.5 R6: -12.6
R7: -4.9 R8: -28.1 R9: -344.6
R10: -107.8 R11: -48.7 R12: -26.7
R13: -42.5 R14: 37.0 R15: -31.8
Rf : 0.0 Rg : 0.0



Electrical parameters

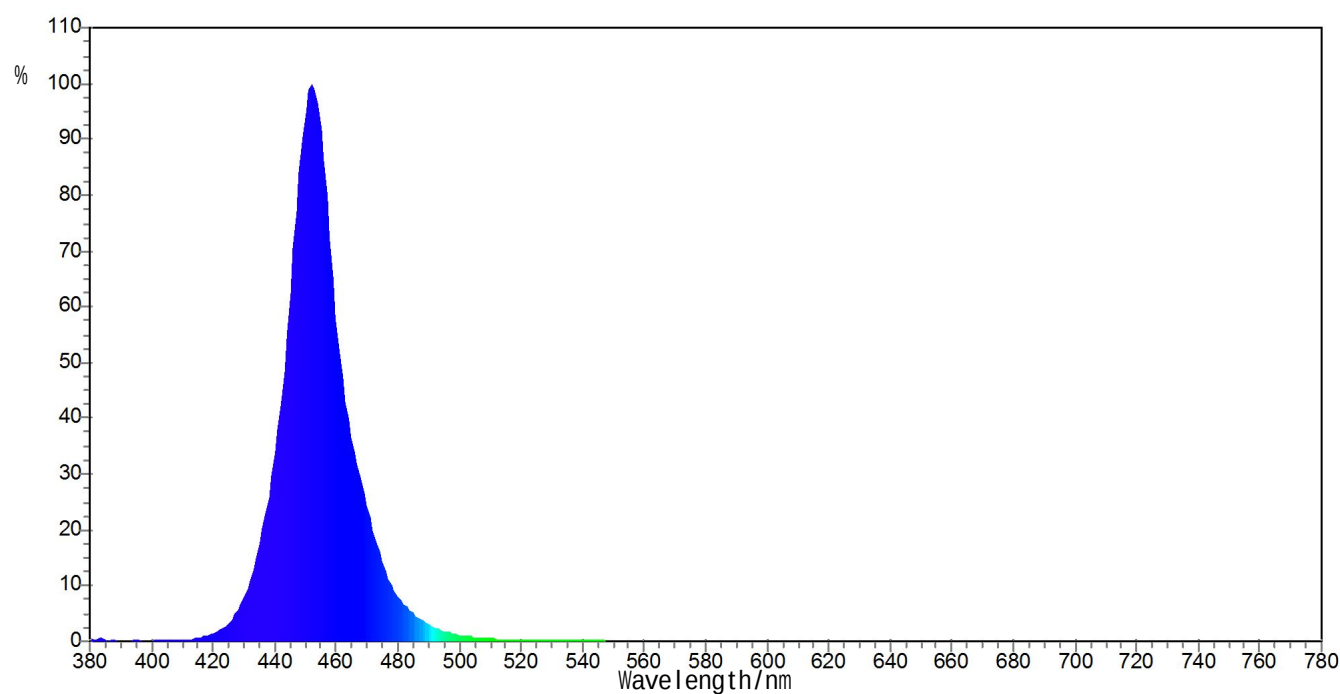
Flux: 89.868 lm E: 33.0 lm/w P: 227.94 mw
I: 206.9 mA V: 24.00 V P: 4.966 w PF:

Memo:

1M

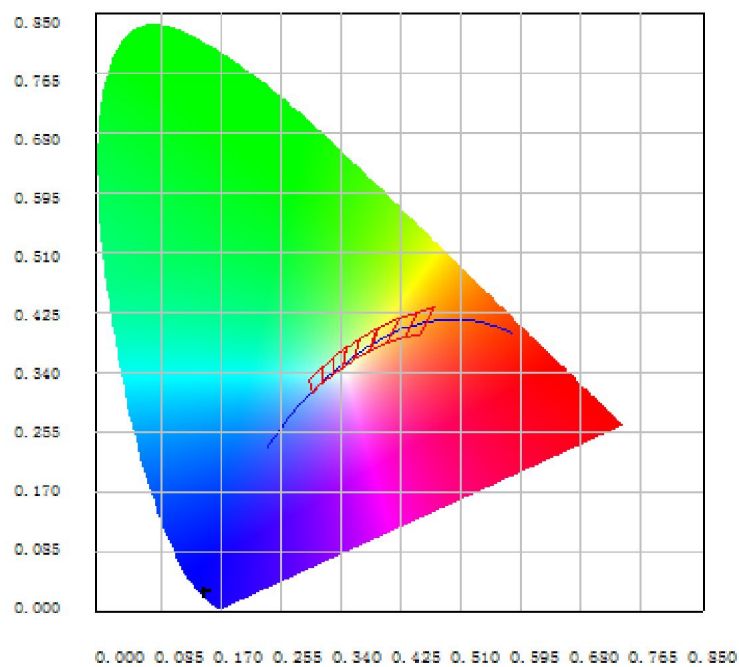
Product Mode:	N012060CC3SF-G	Item No:	51800195
Tester:	FANQIULIAN	Date:	2020-6-20
Temperature:	25 ()	Humidity:	69 (%)
Manufacturer:	iPixel LED Light Co Ltd	organization:	Quality department

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.1511 y: 0.0309
u: 0.1970 v: 0.0604
WD: 457.3 nm WP: 453.2 nm
HW: 18.5 nm Purity: 0.983
CCT: 1644 K Ra: -78.8
SDCM : 167.99 DUV : -0.1006
Ratio: R%: 0.4 G%: 1.0 B%: 98.6
Kred 0.98% Kgreen 11.48% Kblue 87.54%
R1: -60.5 R2: 20.8 R3: -111.9
R4: -146.8 R5: -68.2 R6: 4.9
R7: -75.7 R8: -192.8 R9: -466.2
R10: -91.3 R11: -68.7 R12: -97.4
R13: -25.0 R14: -17.0 R15: -92.9
Rf : 0.0 Rg : 0.0



Electrical parameters

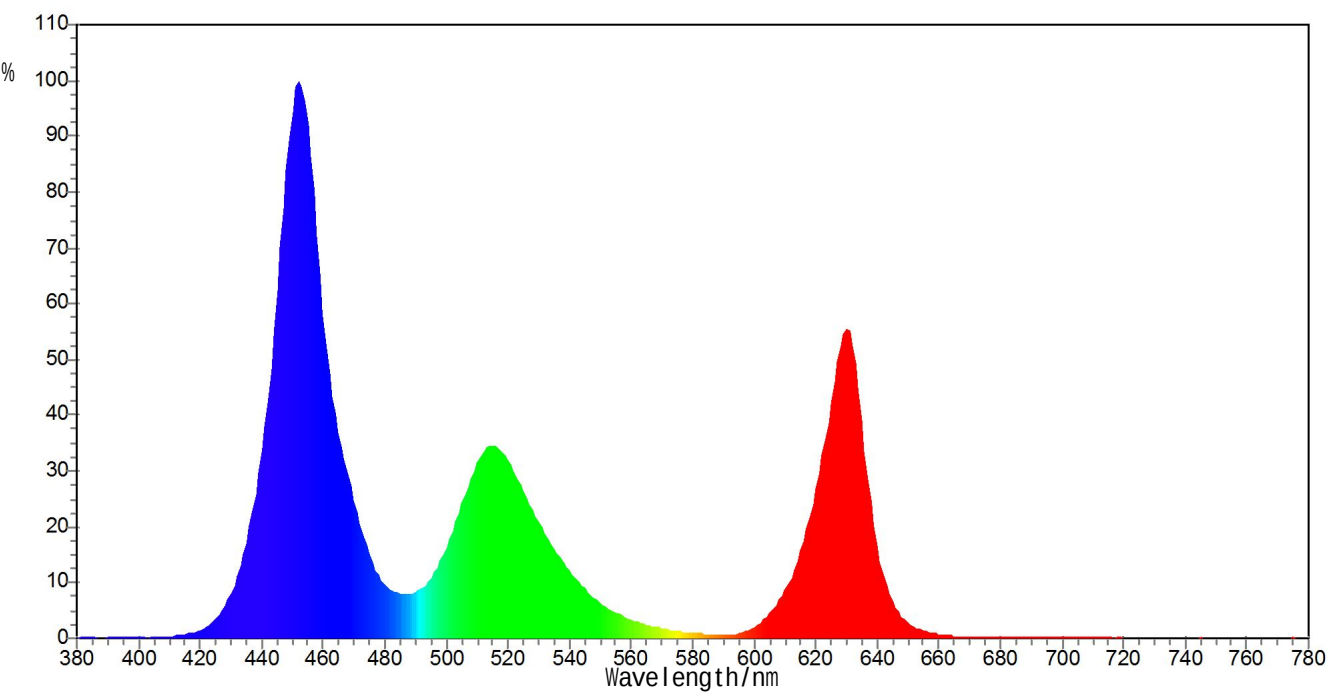
Flux: 12.722 lm E: 18.5 lm/w P: 451.18 mw
I: 208.0 mA V: 24.00 V P: 4.992 w PF:

Memo:

1M

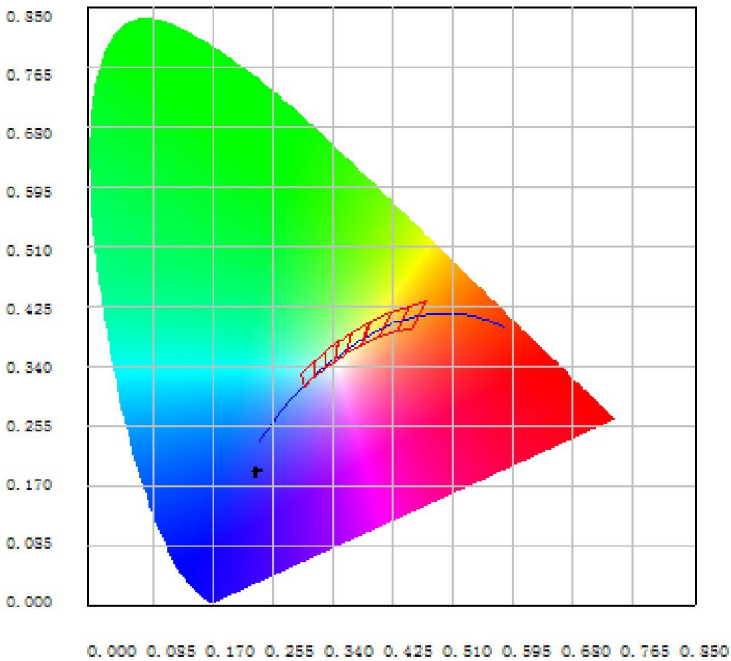
Product Mode:	N012060CC3SF-B	Item No:	51800195
Tester:	FANQIULIAN	Date:	2020-6-20
Temperature:	25 ()	Humidity:	69 (%)
Manufacturer:	iPixel LED Light Co Ltd	organization:	Quality department

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.2360 y: 0.1932
u: 0.1948 v: 0.2392
WD: 466.5 nm WP: 453.2 nm
HW: 18.5 nm Purity: 0.485
CCT: 1667011 K Ra: 37.8
SDCM : 105.73 DUV : -0.0207
Ratio : R%: 23.6 G%: 24.7 B%: 51.7
Kred 24.46% Kgreen 62.84% Kblue 12.70%
R1: 8.3 R2: 50.5 R3: 77.5
R4: 24.8 R5: 36.7 R6: 55.3
R7: 65.6 R8: -16.3 R9: -278.0
R10: -17.6 R11: 29.4 R12: 60.2
R13: 12.0 R14: 80.0 R15: -16.3
Rf : 0.0 Rg : 0.0



Electrical parameters

Flux: 133.494 lm E: 18.5 lm/w P: 845.68 mw
I: 498.7 mA V: 24.00 V P: 11.969 w PF:

Memo:

1M

Product Mode:	N012060CC3SF-混光	Item No:	51800195
Tester:	FANQIULIAN	Date:	2020-6-20
Temperature:	25 ()	Humidity:	69 (%)
Manufacturer:	iPixel LED Light Co Ltd	organization:	Quality department