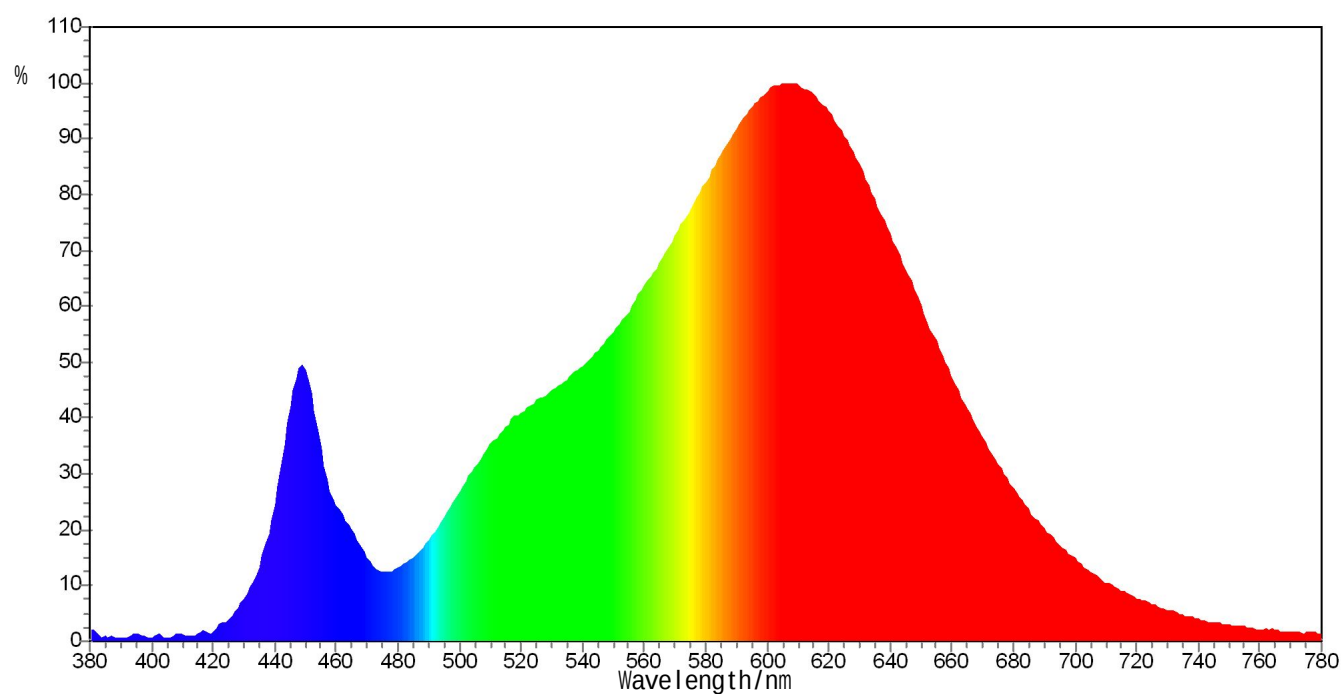
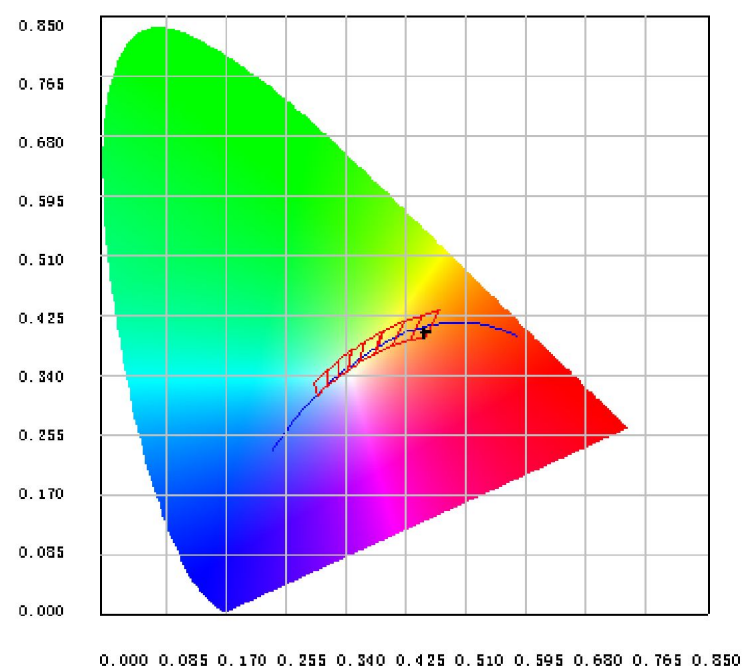


LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x:	0.4518	y:	0.4045		
u:	0.2600	v:	0.3492		
WD:	584.4 nm	WP:	607.9 nm		
HW:	116.8 nm	Purity:	0.570		
CCT:	2766 K	Ra:	82.0		
SDCM :	10.79	DUV :	-0.0016		
Ratio :	R%: 46.0	G%: 41.9	B%: 12.1		
Kred	21.88%	Kgreen	75.60%	Kblue	2.52%
R1:	80.0	R2:	89.8	R3:	96.7
R4:	81.1	R5:	81.7	R6:	89.9
R7:	80.4	R8:	56.4	R9:	5.9
R10:	77.7	R11:	71.3	R12:	73.1
R13:	81.7	R14:	98.7	R15:	72.2
Rf :	0.0	Rg :	0.0		



Electrical parameters

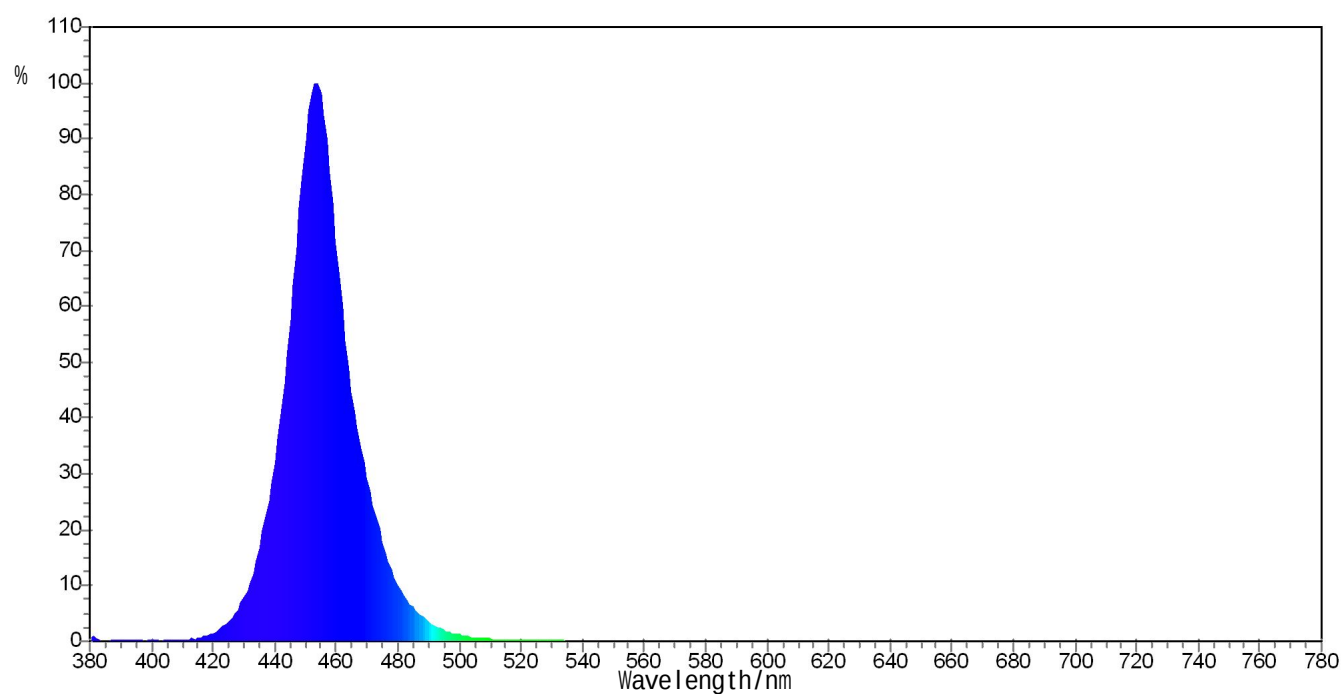
Flux:	211.222 lm	E:	51.568 lm/w	P:	627.53 mw	
I:	341.4 mA	V:	12.00 V	P:	4.096 w	PF:

Memo:

0.5M

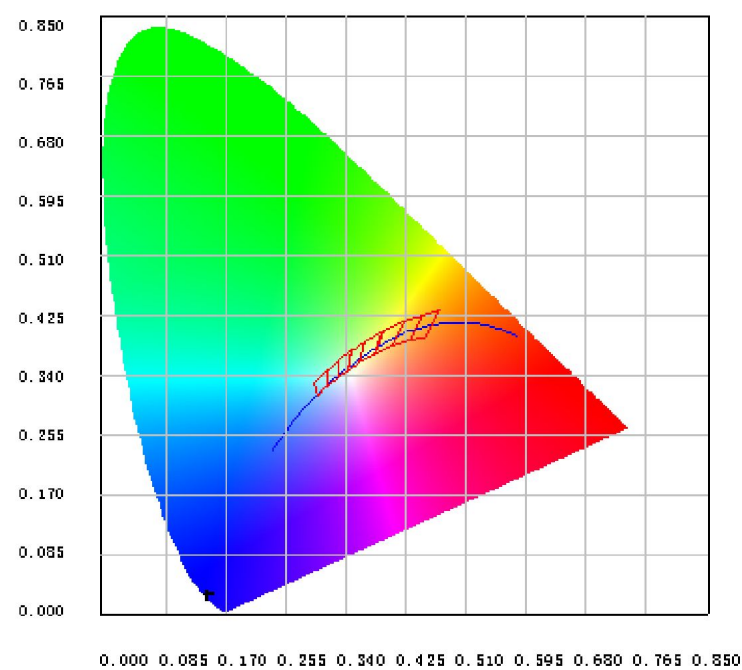
Product Mode:	N006120BB1LZ V12 WW	Item No:	61300043
Tester:	liu yuan fen	Date:	2019-8-27
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	iPixel LED Light Co Ltd	organization:	Quality department

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x:	0.1492	y:	0.0314		
u:	0.1939	v:	0.0612		
WD:	458.3 nm	WP:	454.0 nm		
HW:	20.0 nm	Purity:	0.986		
CCT:	1638 K	Ra:	-77.7		
SDCM :	168.28	DUV :	-0.1036		
Ratio :	R%: 0.2	G%: 0.8	B%: 99.0		
Kred	0.51%	Kgreen	7.86%	Kblue	91.64%
R1:	-70.0	R2:	14.3	R3:	-94.0
R4:	-140.5	R5:	-73.8	R6:	-2.1
R7:	-66.5	R8:	-189.1	R9:	-489.1
R10:	-91.1	R11:	-63.1	R12:	-109.5
R13:	-38.7	R14:	-8.5	R15:	-102.2
Rf :	0.0	Rg :	0.0		



Electrical parameters

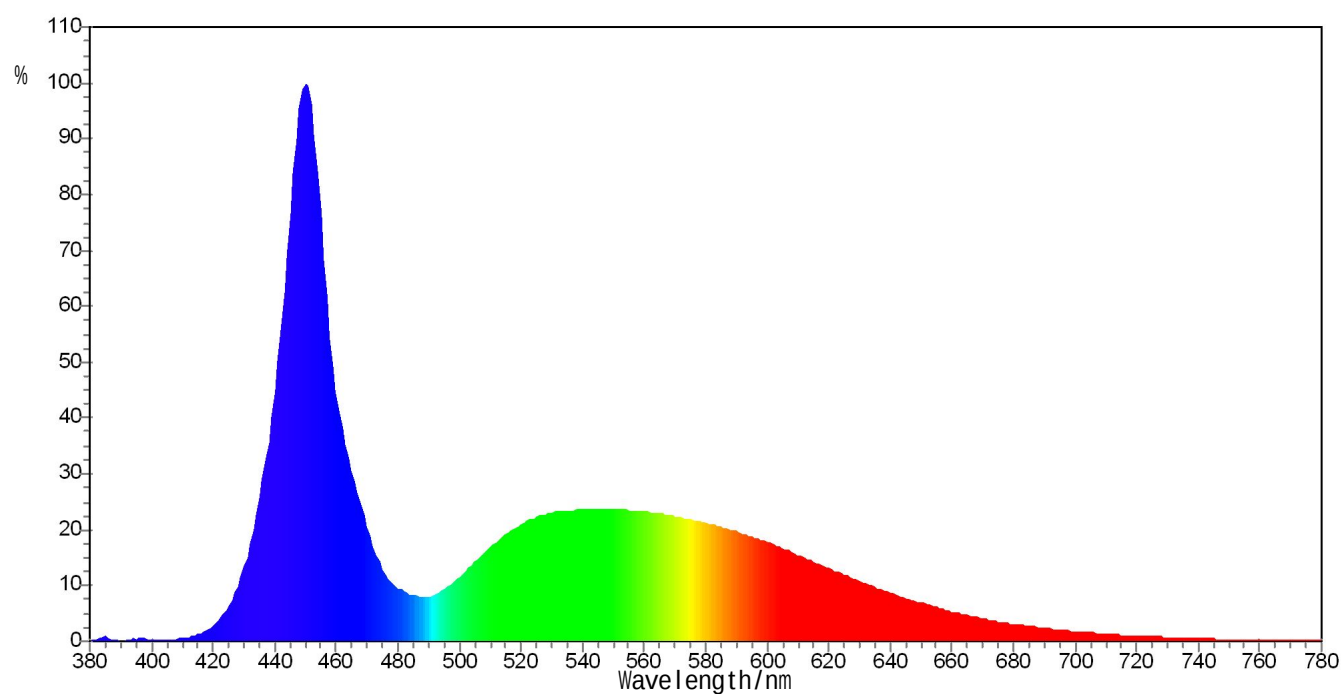
Flux:	18.054 lm	E:	4.566 lm/w	P:	558.62 mw	
I:	329.5 mA	V:	12.00 V	P:	3.954 w	PF:

Memo:

0.5M

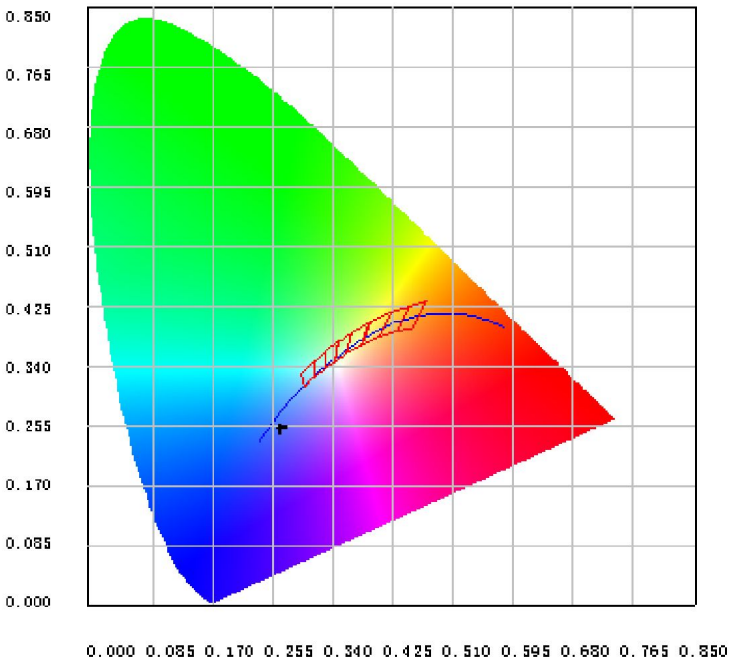
Product Mode:	N006120BB1LZ V12 B	Item No:	61300043
Tester:	liu yuan fen	Date:	2019-8-27
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	iPixel LED Light Co Ltd	organization:	Quality department

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.2694 y: 0.2559
u: 0.1948 v: 0.2775
WD: 472.6 nm WP: 451.4 nm
HW: 18.2 nm Purity: 0.296
CCT: 14755 K Ra: 79.6
SDCM: 84.02 DUV: -0.0102
Ratio: R%: 15.9 G%: 38.2 B%: 45.9
Kred 9.89% Kgreen 83.03% Kblue 7.09%
R1: 83.8 R2: 81.3 R3: 71.8
R4: 85.8 R5: 81.8 R6: 69.7
R7: 83.3 R8: 79.1 R9: 25.9
R10: 48.5 R11: 85.9 R12: 37.4
R13: 82.6 R14: 83.8 R15: 86.5
Rf: 0.0 Rg: 0.0



Electrical parameters

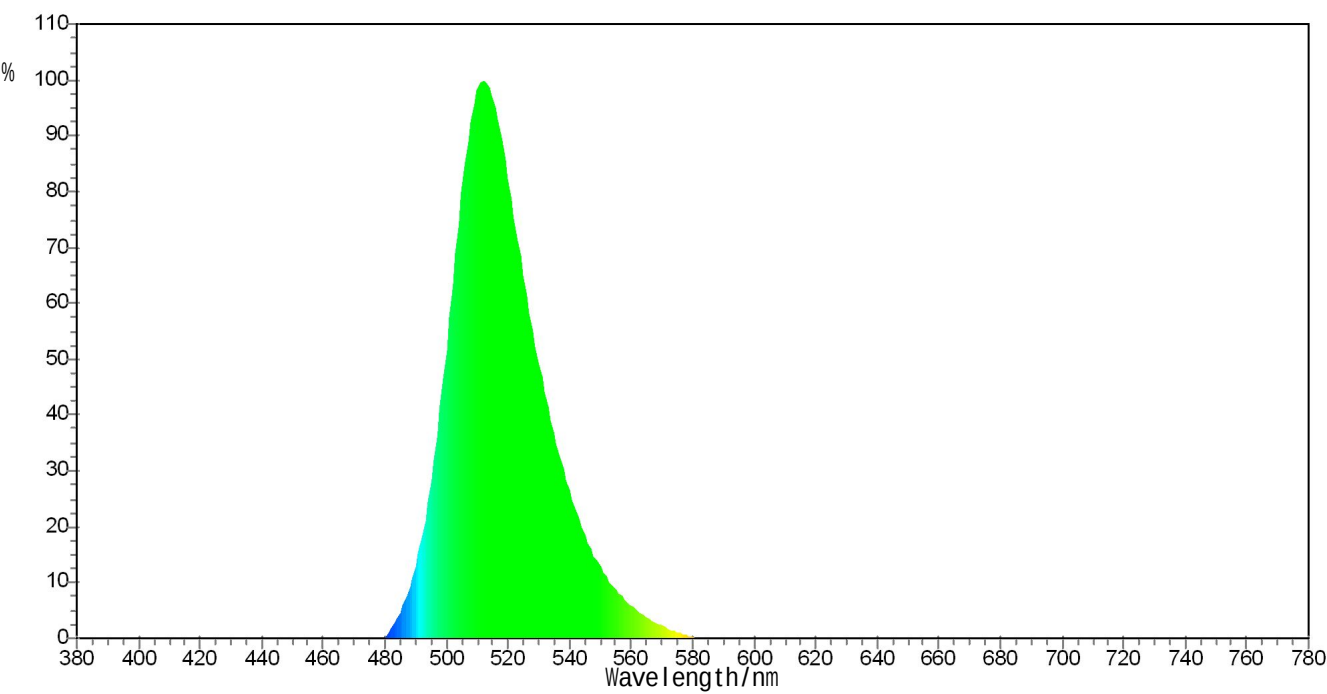
Flux: 147.297 lm E: 36.147 lm/w P: 576.52 mw
I: 339.6 mA V: 12.00 V P: 4.075 w PF:

Memo:

0.5M

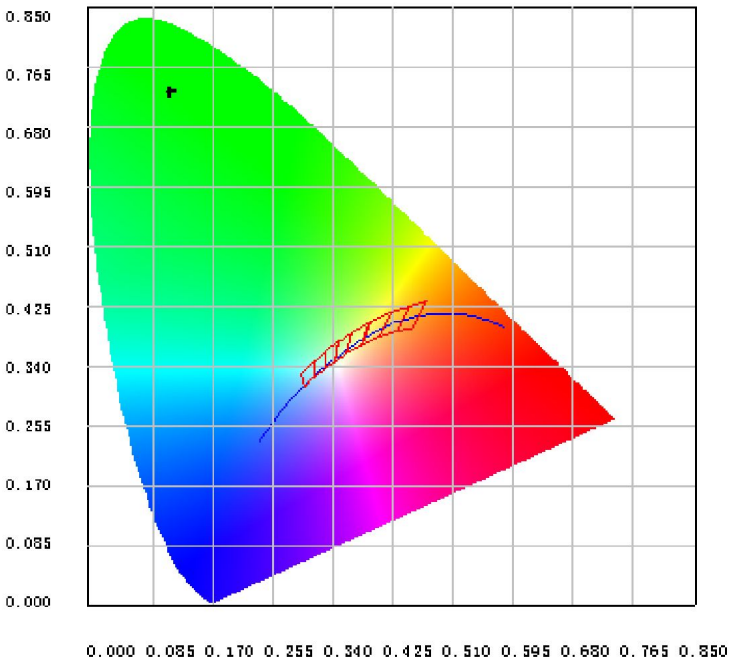
Product Mode:	N006120BB1LZ V12 CW	Item No:	61300043
Tester:	liu yuan fen	Date:	2019-8-27
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	iPixel LED Light Co Ltd	organization:	Quality department

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.1157 y: 0.7336
u: 0.0400 v: 0.3804
WD: 518.5 nm WP: 512.3 nm
HW: 30.5 nm Purity: 0.805
CCT: 8792 K Ra: -36.4
SDCM : 332.47 DUV : 0.1735
Ratio : R%: 0.0 G%: 89.1 B%: 10.9
Kred 0.00% Kgreen 93.63% Kblue 6.37%
R1: -41.5 R2: -24.2 R3: -51.1
R4: -79.4 R5: -11.7 R6: -26.1
R7: -20.8 R8: -36.5 R9: -363.6
R10: -136.6 R11: -68.3 R12: -44.9
R13: -53.4 R14: 25.6 R15: -35.7
Rf : 0.0 Rg : 0.0



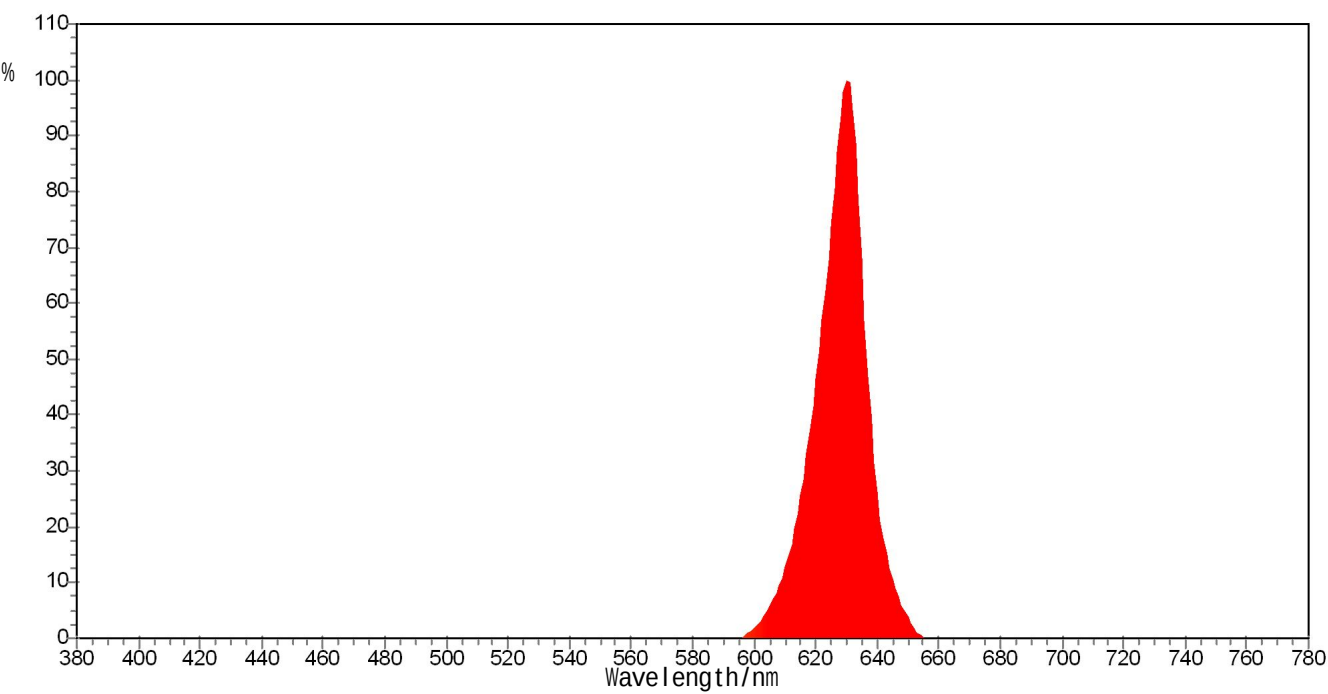
Electrical parameters

Flux: 63.666 lm E: 19.584 lm/w P: 146.60 mw
I: 270.9 mA V: 12.00 V P: 3.251 w PF:

Memo:
0.5M

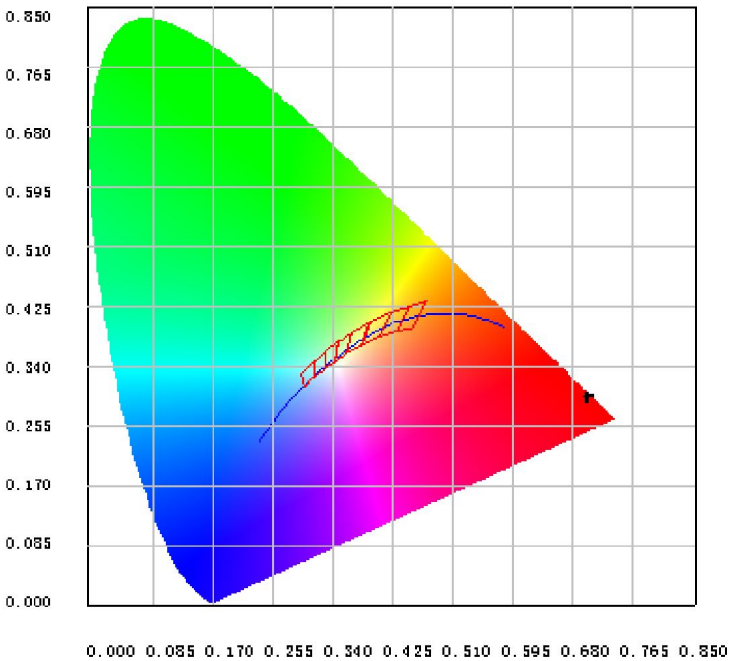
Product Mode:	N006120BB1LZ V12 G	Item No:	61300043
Tester:	liu yuan fen	Date:	2019-8-27
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	iPixel LED Light Co Ltd	organization:	Quality department

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.6988 y: 0.3011
u: 0.5359 v: 0.3464
WD: 623.9 nm WP: 631.0 nm
HW: 16.4 nm Purity: 1.000
CCT: 5031 K Ra: -45.2
SDCM : 201.93 DUV : -0.0008
Ratio: R%: 99.8 G%: 0.2 B%: 0.0
Kred 98.90% Kgreen 1.10% Kblue 0.00%
R1: -78.0 R2: -27.1 R3: -42.9
R4: -71.5 R5: -30.5 R6: -53.3
R7: -16.6 R8: -41.6 R9: -351.6
R10: -147.4 R11: -2.1 R12: -122.6
R13: -81.4 R14: 20.1 R15: -56.0
Rf : 0.0 Rg : 0.0



Electrical parameters

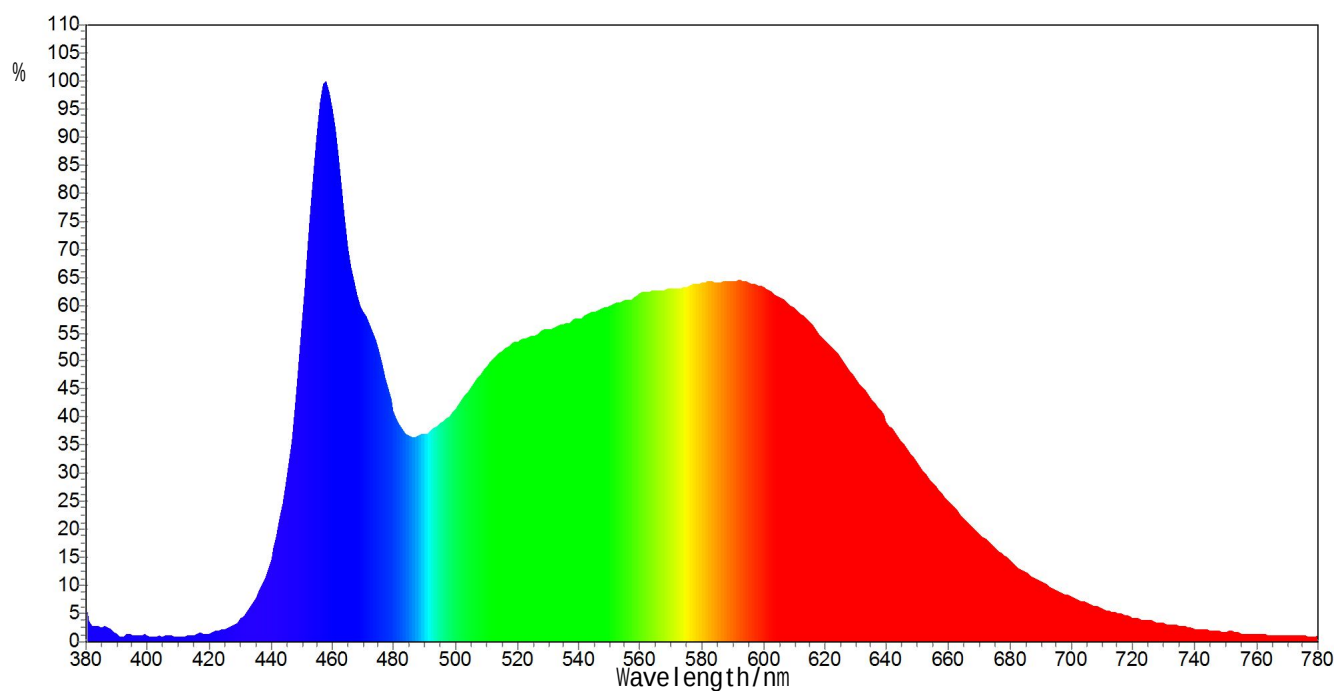
Flux: 16.142 lm E: 4.093 lm/w P: 84.51 mw
I: 328.7 mA V: 12.00 V P: 3.944 w PF:

Memo:

0.5M

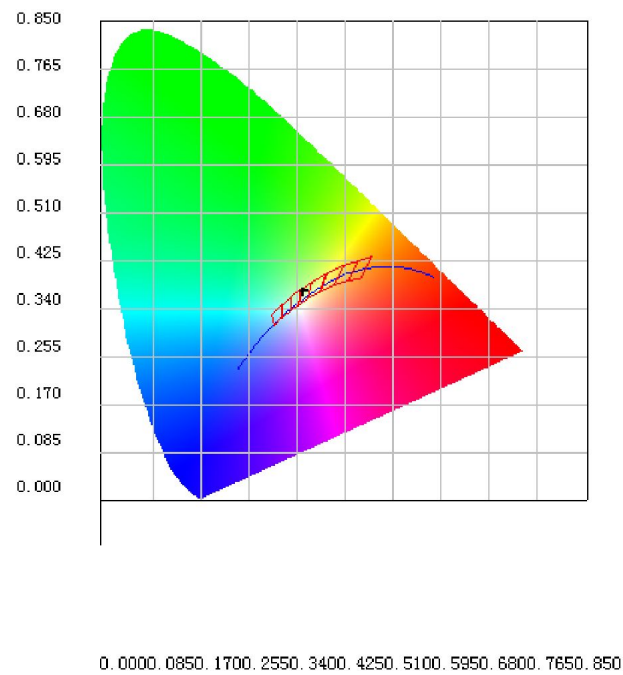
Product Mode:	N006120BB1LZ V12 R	Item No:	61300043
Tester:	liu yuan fen	Date:	2019-8-27
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	iPixel LED Light Co Ltd	organization:	Quality department

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

					0.850		
x:	0.3526		y:	0.3745		0.765	
u:	0.2078		v:	0.3310		0.680	
WD:	569.3 nm		WP:	458.8 nm		0.595	
HW:	27.0 nm		Purity:	0.182		0.510	
CCT:	4817 K		Ra:	83.4		0.425	
SDCM :	43.50		DUV :	0.0082		0.340	
Ratio :	R%:	28.5	G%:	45.2	B%:	26.3	0.170
Kred	14.02%	Kgreen	79.96%	Kblue	6.02%	0.085	
						0.000	
R1:	82.3	R2:	92.8	R3:	95.0		
R4:	76.7	R5:	81.1	R6:	90.0		
R7:	83.9	R8:	65.0	R9:	12.4		
R10:	82.9	R11:	78.7	R12:	49.5		
R13:	85.2	R14:	97.4	R15:	74.4		
Rf :	0.0	Rg :	0.0				



Electrical parameters

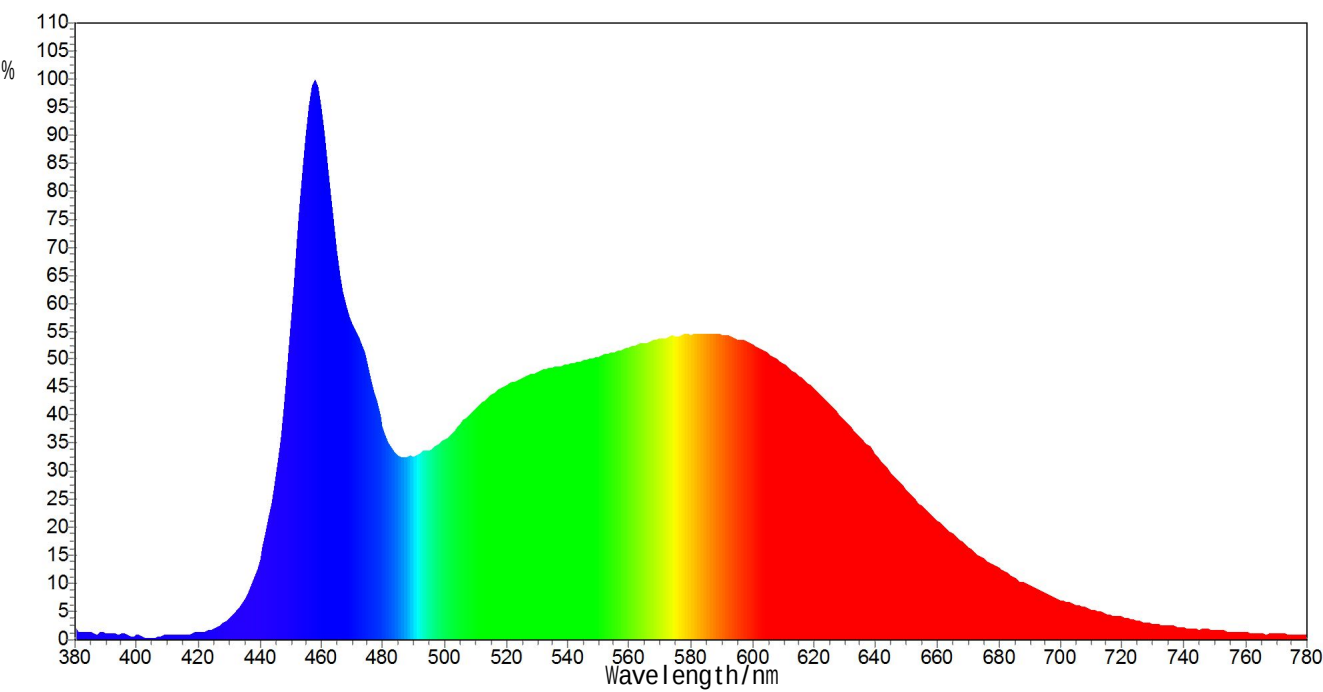
Flux:	208.575 lm	E:	33.788 lm/w	P:	698.59 mw		
I:	257.2 mA	V:	24.00 V	P:	6.173 w	PF:	

Memo:

1M

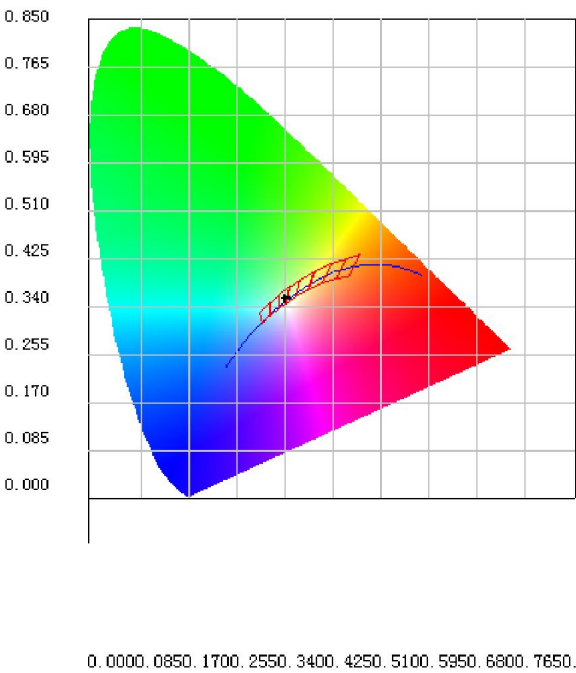
Product Mode:	N004120BC1LZ 6000-6500K	Item No:	10301-0298-00
Tester:	liuyuanfen	Date:	2021-12-16
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:		organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.3418 y: 0.3596
u: 0.2062 v: 0.3254
WD: 565.8 nm WP: 458.4 nm
HW: 25.9 nm Purity: 0.105
CCT: 5146 K Ra: 84.8
SDCM : 20.55 DUV : 0.0053
Ratio : R%: 27.6 G%: 43.8 B%: 28.6
Kred 13.73% Kgreen 79.76% Kblue 6.51%
R1: 84.7 R2: 95.0 R3: 94.2
R4: 79.2 R5: 83.6 R6: 90.5
R7: 83.9 R8: 67.0 R9: 18.1
R10: 86.8 R11: 80.4 R12: 56.2
R13: 88.0 R14: 97.4 R15: 78.2
Rf : 0.0 Rg : 0.0



Electrical parameters

Flux: 209.967 lm E: 26.871 lm/w P: 720.52 mw
I: 1562.8 mA V: 5.00 V P: 7.814 w PF:

Memo:

1M

Product Mode:	N006120BA1LZ 6000-6500K	Item No:	10301-0241-00
Tester:	LEIXIAOLAN	Date:	2022-10-17
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

Spectrum Test Report

Sample :
Specification : N004120BB1LZ 3000±300K
Sample No. : 10301-0846-00
Manufacturer : iPixel LED

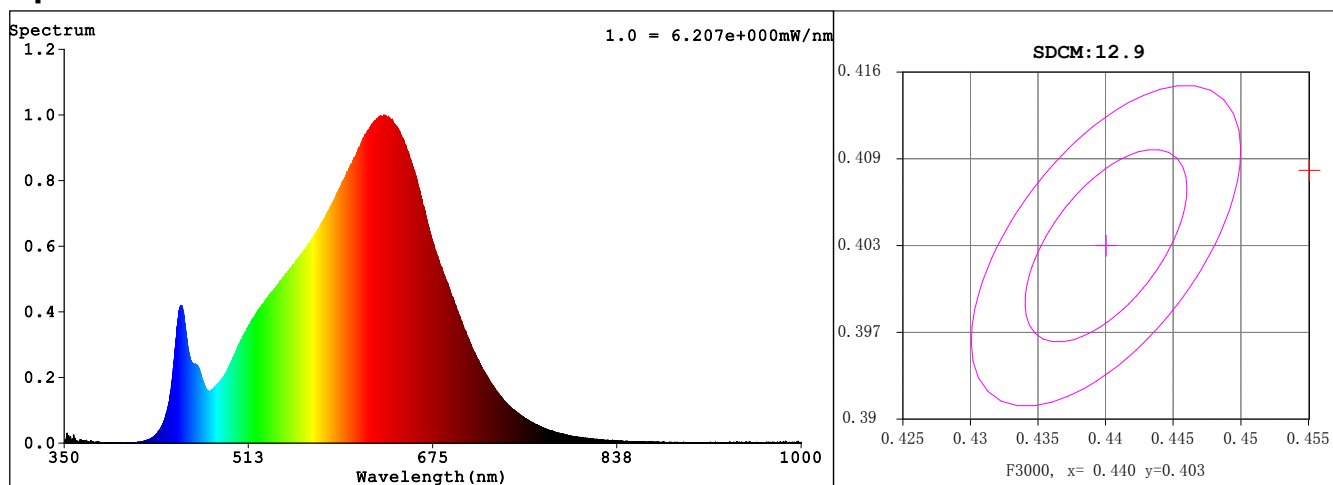
Date : 2023-12-14
Sam. Status : 5M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 47338 (72%)
T : 855 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4630$ $y = 0.4086$ / $u' = 0.2655$ $v' = 0.5270$ ($duv = -9.96e-04$)

CCT= 2641K Prpc WL: $L_d = 584.8nm$ Purity=61.6%

Peak WL: $L_p = 632nm$ FWHM: $= 144.2nm$ Ratio: $R = 27.2\%$ $G = 70.5\%$ $B = 2.4\%$

Render Index: $R_a = 94.8$ TM30: $R_f = 93$ $R_g = 101$

$R_1 = 96$ $R_2 = 98$ $R_3 = 98$ $R_4 = 95$ $R_5 = 95$ $R_6 = 97$ $R_7 = 94$

$R_8 = 87$ $R_9 = 72$ $R_{10} = 93$ $R_{11} = 96$ $R_{12} = 83$ $R_{13} = 96$ $R_{14} = 98$ $R_{15} = 93$

LEVEL:OUT

TLCI Parameters: $TLCI = 93.7$

Photometric & Radiometric Parameters

Flux = 268.46 lm Eff. : 13.29 lm/W $F_e = 998.28 mW$

EEI: 0.73278 C

EEC: 13.3 G

Electrical parameters

$V = 12.00 V$ $I = 1.684 A$ $P = 20.21 W$ $PF = 1.000$

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : N008232XC1LZ 3000±300K
Sample No. : 10301-1223-00
Manufacturer : iPixel LED

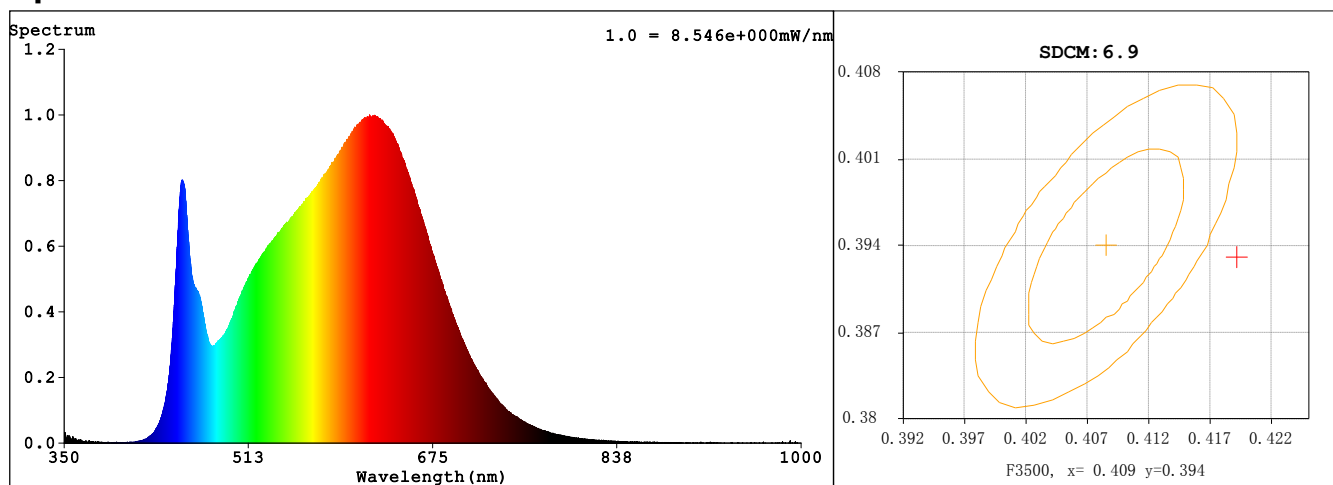
Date : 2025-09-23
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WHL

Test Condition

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

RH : 65.0%
IP : 41886 (64%)
T : 613 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4196$ $y = 0.3931$ / $u' = 0.2441$ $v' = 0.5144$ ($duv = -1.83e-03$)

CCT= 3222K Prcp WL: $L_d = 582.7nm$ Purity=43.9%

Peak WL: $L_p = 620nm$ FWHM: $= 169.5nm$ Ratio: R=23.2% G=73.3% B=3.4%

Render Index: $R_a = 94.0$ TM30: $R_f = 91$ $R_g = 99$

R1 =95 R2 =98 R3 =98 R4 =93 R5 =94 R6 =96 R7 =92

R8 =86 R9 =69 R10=94 R11=93 R12=76 R13=96 R14=99 R15=92

LEVEL:OUT

TLCI Parameters: TLCI = 93.8

Photometric & Radiometric Parameters

Flux = 446.66 lm Eff. : 57.77 lm/W $Fe = 1.5648 W$

EEL: 0.19099 A

EEC: 57.8 G

Electrical parameters

V = 24.00 V I = 0.3222 A P = 7.732 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : N003240UC1LZ 3500±300K
Sample No. : 10301-1245-00
Manufacturer : iPixel LED

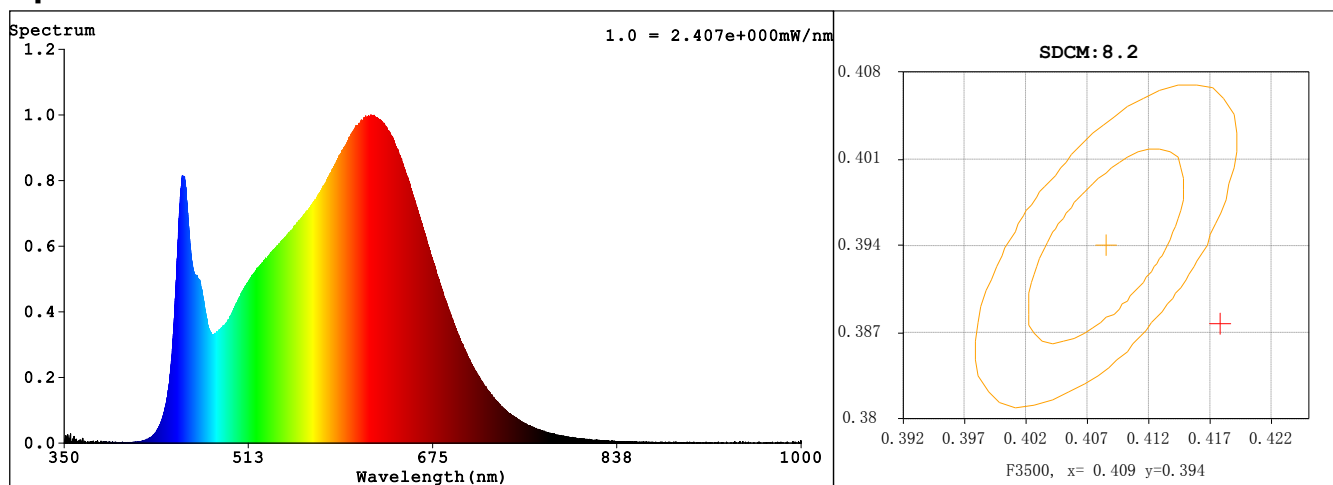
Date : 2025-10-09
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LZN

Test Condition

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

RH : 65.0%
IP : 53627 (82%)
T : 2783 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4183 y = 0.3877 / u' = 0.2455 v' = 0.5119 (duv=-3.91e-03)

CCT= 3202K Prpc WL: Ld=583.6nm Purity=41.9%

Peak WL: Lp=621nm FWHM: =166.5nm Ratio:R=23.8% G=72.4% B=3.8%

Render Index: Ra = 94.2 TM30:Rf=91 Rg=100

R1 =97 R2 =98 R3 =96 R4 =94 R5 =96 R6 =94 R7 =91

R8 =86 R9 =73 R10=98 R11=95 R12=78 R13=99 R14=99 R15=95

LEVEL:OUT

TLCI Parameters: TLCI = 94.1

Photometric & Radiometric Parameters

Flux = 122.34 lm Eff. : 18.44 lm/W Fe = 433.06 mW

EEL: 0.42173 B

EEC: 18.4 G

Electrical parameters

V = 24.00 V I = 0.2764 A P = 6.633 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : N006120BC1LZ R
Sample No. : 10301-0710-00
Manufacturer : iPixel LED

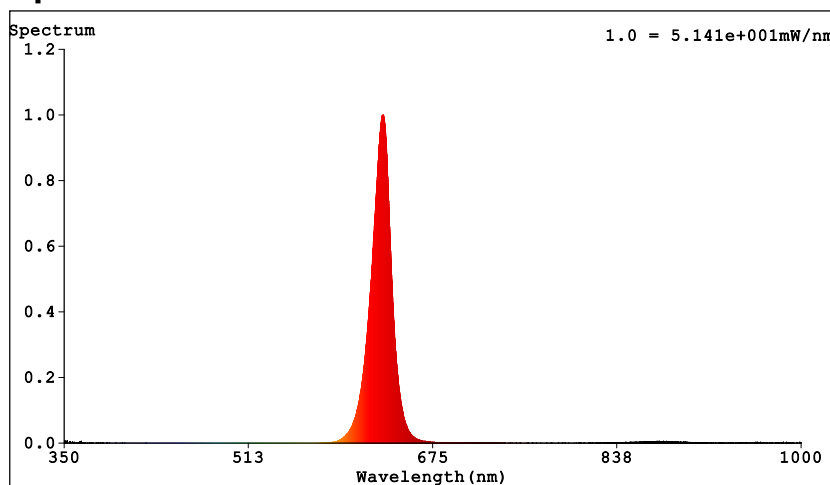
Date : 2026-02-03
Sam. Status : 5M
Instrument : HAAS-2000(EVERFINE)
Test by : LZN

Test Condition

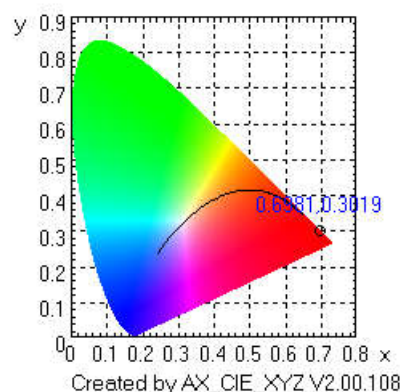
Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 39566 (60%)
T : 106 ms
Sensitivity : High

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6981$ $y = 0.3019$ / $u' = 0.5343$ $v' = 0.5198$ ($duv = -8.68e-02$)

CCT= 1001K Prcp WL: $L_d = 623.5nm$ Purity=100.0%

Peak WL: $L_p = 632nm$ FWHM: $= 18.0nm$ Ratio: $R = 98.1\%$ $G = 1.9\%$ $B = -0.0\%$

Render Index: $R_a = 24.1$ TM30: $R_f = 1$ $R_g = 0$

$R_1 = 2$ $R_2 = 78$ $R_3 = 23$ $R_4 = 0$ $R_5 = 0$ $R_6 = 89$ $R_7 = 0$

$R_8 = 0$ $R_9 = 0$ $R_{10} = 72$ $R_{11} = 0$ $R_{12} = 76$ $R_{13} = 28$ $R_{14} = 55$ $R_{15} = 0$

LEVEL:OUT

TLCI Parameters: TLCI = 2.1

Photometric & Radiometric Parameters

Flux = 211.42 lm Eff. : 5.60 lm/W $F_e = 1.1089 W$

EEL: 1.63093 E Lowest

EEC: 5.6 G

Electrical parameters

$V = 24.00 V$ $I = 1.574 A$ $P = 37.76 W$ PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>