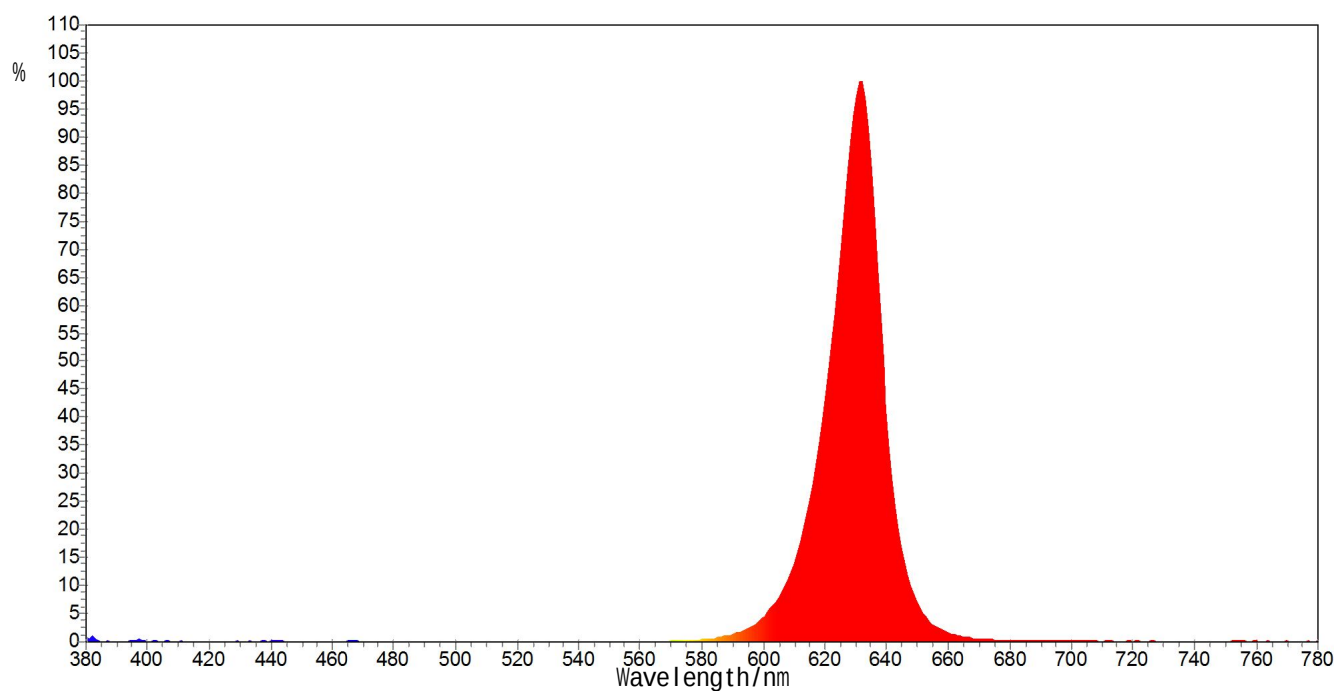
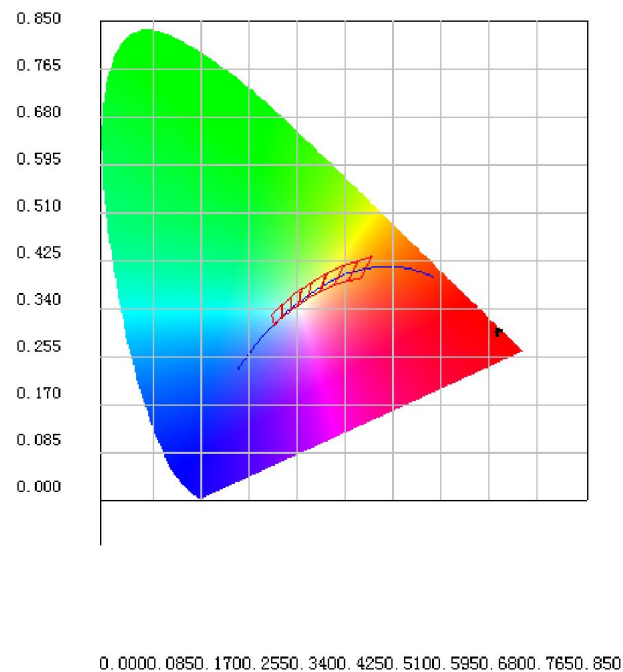


LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x:	0.6918	y:	0.3034			0.850
						0.765
u:	0.5263	v:	0.3463			0.680
						0.595
WD:	622.8 nm	WP:	632.1 nm			0.510
HW:	17.8 nm	Purity:	0.986			0.425
CCT:	4781 K	Ra:	-20.2			0.340
SDCM :	192.97	DUV :	-0.0017			0.255
Ratio :	R%: 97.5	G%: 1.8	B%: 0.7			0.170
						0.085
Kred	93.85%	Kgreen	6.07%	Kblue	0.08%	0.000
R1:	-85.5	R2:	-11.1	R3:	56.4	
R4:	-34.3	R5:	-26.7	R6:	-20.7	
R7:	10.7	R8:	-50.8	R9:	-271.8	
R10:	-83.8	R11:	48.3	R12:	-67.1	
R13:	-89.9	R14:	72.4	R15:	-49.9	
Rf :	0.0	Rg :	0.0			



Electrical parameters

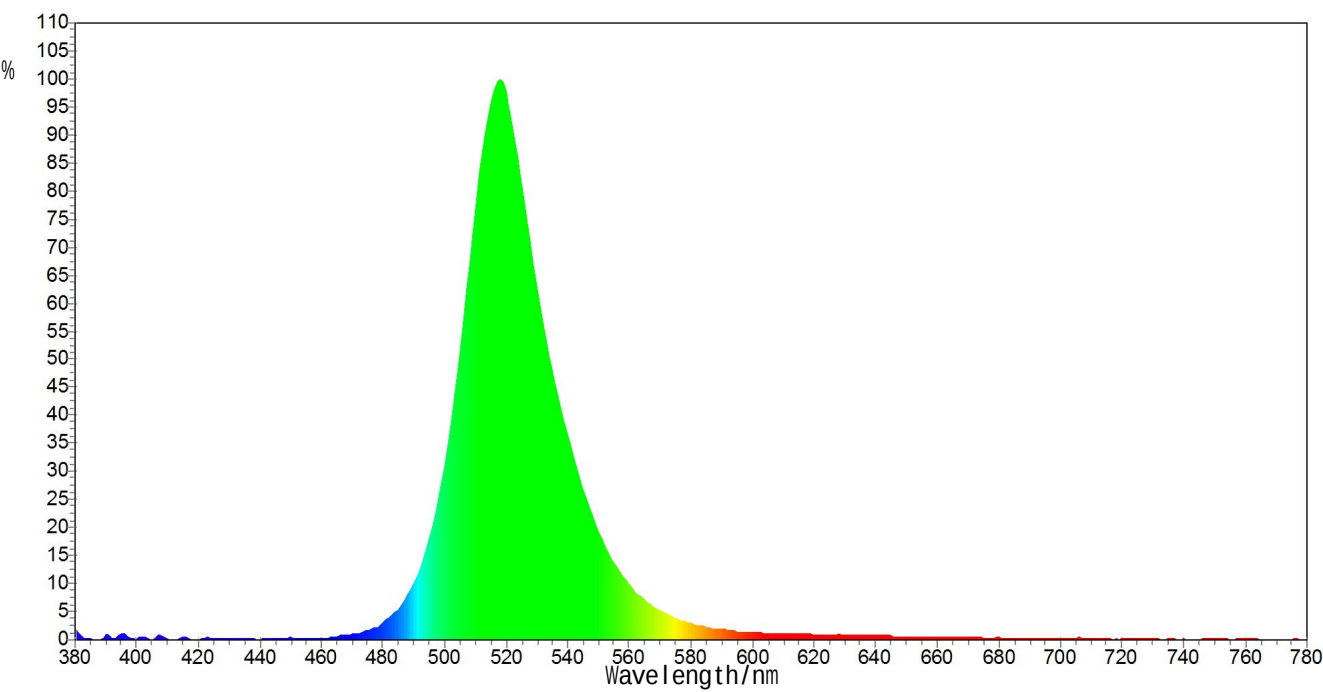
Flux:	93.129 lm	E:	33.865 lm/w	P:	503.94 mw	
I:	114.6 mA	V:	24.00 V	P:	2.750 w	PF:

Memo:

1M

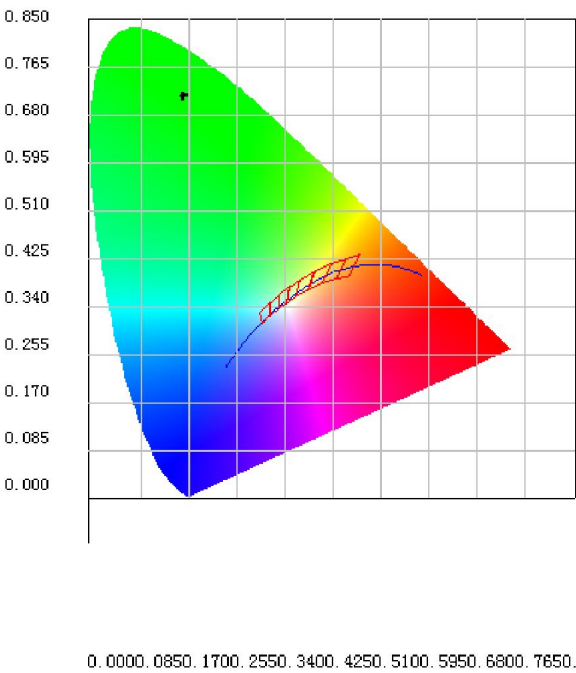
Product Mode:	N016084CC4DC0 RGBW R	Item No:	10305-0321-00
Tester:	DINGNANJUAN	Date:	2022-9-23
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.1636 y: 0.7166
u: 0.0581 v: 0.3814
WD: 525.1 nm WP: 518.5 nm
HW: 30.1 nm Purity: 0.778
CCT: 8054 K Ra: -21.4
SDCM : 301.07 DUV : 0.1583
Ratio: R%: 2.2 G%: 89.3 B%: 8.5
Kred 0.65% Kgreen 95.65% Kblue 3.70%
R1: -30.9 R2: -10.2 R3: -26.4
R4: -60.9 R5: -5.0 R6: -11.4
R7: -1.5 R8: -25.1 R9: -331.3
R10: -107.1 R11: -46.5 R12: -27.7
R13: -39.6 R14: 37.6 R15: -29.9
Rf : 0.0 Rg : 0.0



Electrical parameters

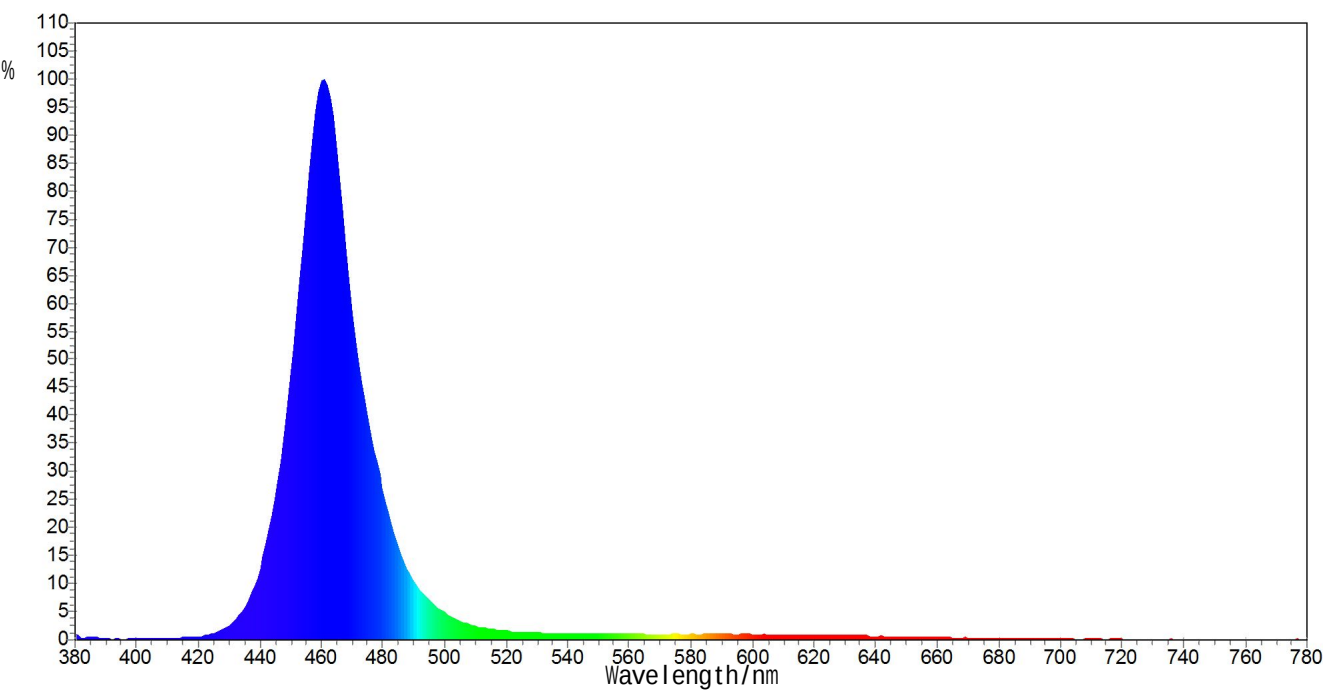
Flux: 180.957 lm E: 39.579 lm/w P: 403.86 mw
I: 190.5 mA V: 24.00 V P: 4.572 w PF:

Memo:

1M

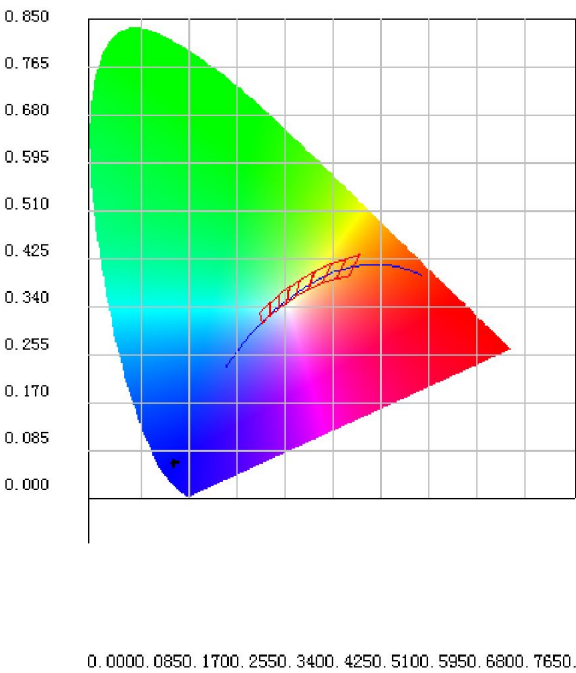
Product Mode:	N016084CC4DC0 RGBW G	Item No:	10305-0321-00
Tester:	DINGNANJUAN	Date:	2022-9-23
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.1495 y: 0.0666
u: 0.1708 v: 0.1142
WD: 466.1 nm WP: 461.4 nm
HW: 21.8 nm Purity: 0.919
CCT: 1725 K Ra: -71.6
SDCM : 161.00 DUV : -0.1226
Ratio : R%: 2.4 G%: 4.8 B%: 92.8
Kred 4.33% Kgreen 31.20% Kblue 64.47%
R1: -11.5 R2: 23.1 R3: -153.7
R4: -134.2 R5: -26.6 R6: 17.6
R7: -99.4 R8: -188.3 R9: -338.2
R10: -121.6 R11: -66.3 R12: -66.1
R13: 31.3 R14: -39.7 R15: -52.3
Rf : 0.0 Rg : 0.0



Electrical parameters

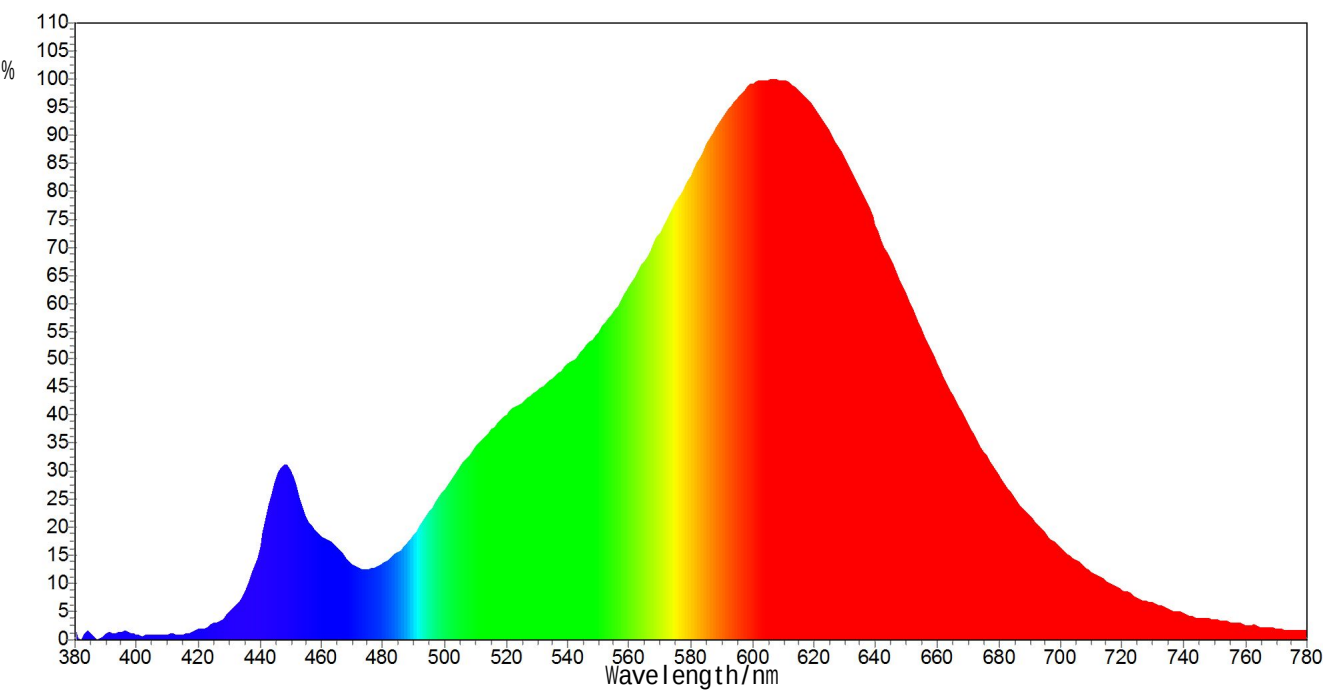
Flux: 41.242 lm E: 5.455 lm/w P: 671.06 mw
I: 315.0 mA V: 24.00 V P: 7.560 w PF:

Memo:

1M

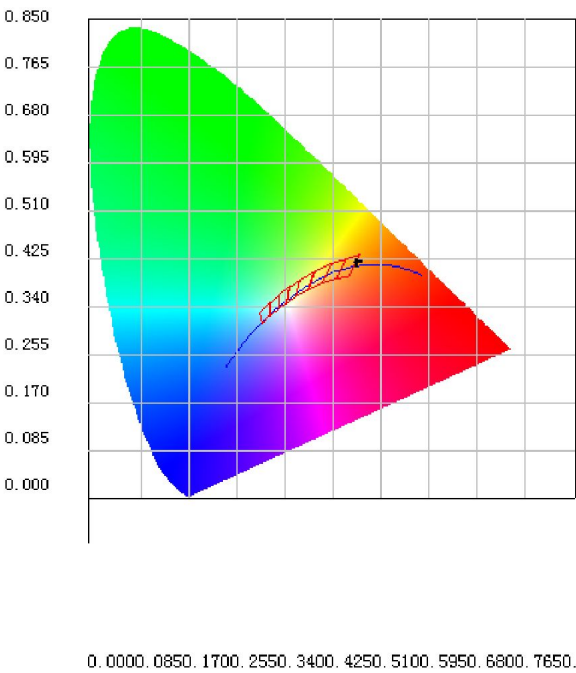
Product Mode:	N016084CC4DC0 RGBW B	Item No:	10305-0321-00
Tester:	DINGNANJUAN	Date:	2022-9-23
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.4669 y: 0.4216
u: 0.2621 v: 0.3550
WD: 583.2 nm WP: 607.5 nm
HW: 117.4 nm Purity: 0.667
CCT: 2686 K Ra: 81.3
SDCM : 13.50 DUV : 0.0034
Ratio: R%: 47.9 G%: 42.4 B%: 9.7
Kred 22.02% Kgreen 75.64% Kblue 2.34%
R1: 78.0 R2: 88.3 R3: 98.2
R4: 80.7 R5: 80.1 R6: 89.1
R7: 81.3 R8: 54.7 R9: 1.5
R10: 75.1 R11: 72.5 R12: 70.4
R13: 79.5 R14: 99.2 R15: 69.1
Rf : 0.0 Rg : 0.0



Electrical parameters

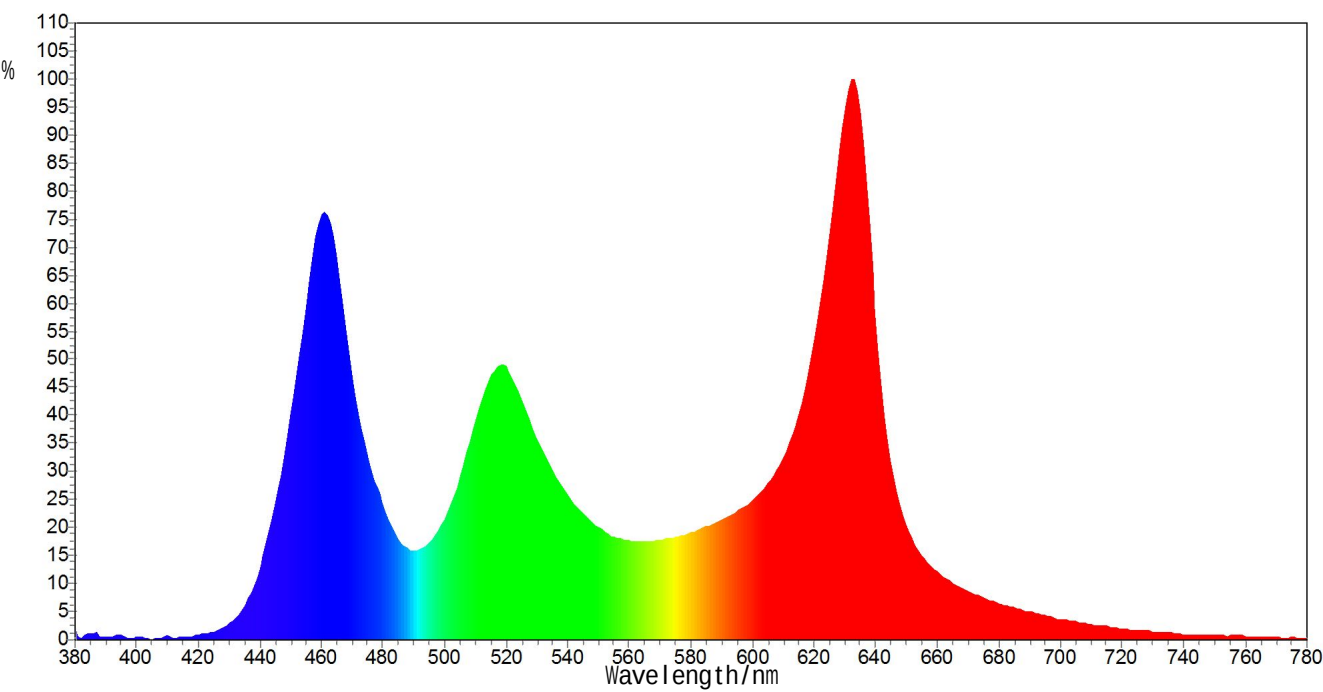
Flux: 240.618 lm E: 31.900 lm/w P: 755.86 mw
I: 314.3 mA V: 24.00 V P: 7.543 w PF:

Memo:

1M

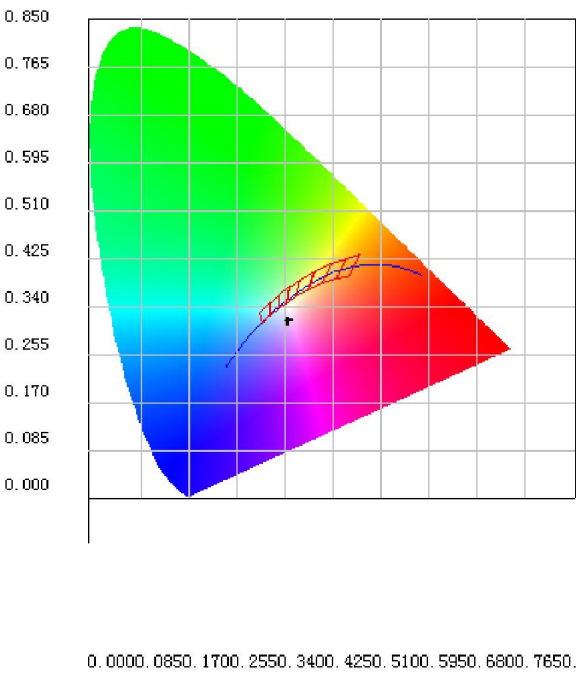
Product Mode:	N016084CC4DC0 RGBW 2800-3200K	Item No:	10305-0321-00
Tester:	DINGNANJUAN	Date:	2022-9-23
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.3483 y: 0.3181
u: 0.2276 v: 0.3118
WD: -505.6 nm WP: 633.1 nm
HW: 22.7 nm Purity: 0.087
CCT: 4731 K Ra: 56.3
SDCM: 47.17 DUV: -0.0193
Ratio: R%: 39.1 G%: 32.6 B%: 28.3
Kred 25.40% Kgreen 67.54% Kblue 7.06%
R1: 39.2 R2: 65.4 R3: 91.0
R4: 47.1 R5: 47.1 R6: 55.5
R7: 78.3 R8: 26.9 R9: -76.1
R10: 25.6 R11: 53.1 R12: 45.8
R13: 41.4 R14: 91.5 R15: 32.8
Rf: 0.0 Rg: 0.0



Electrical parameters

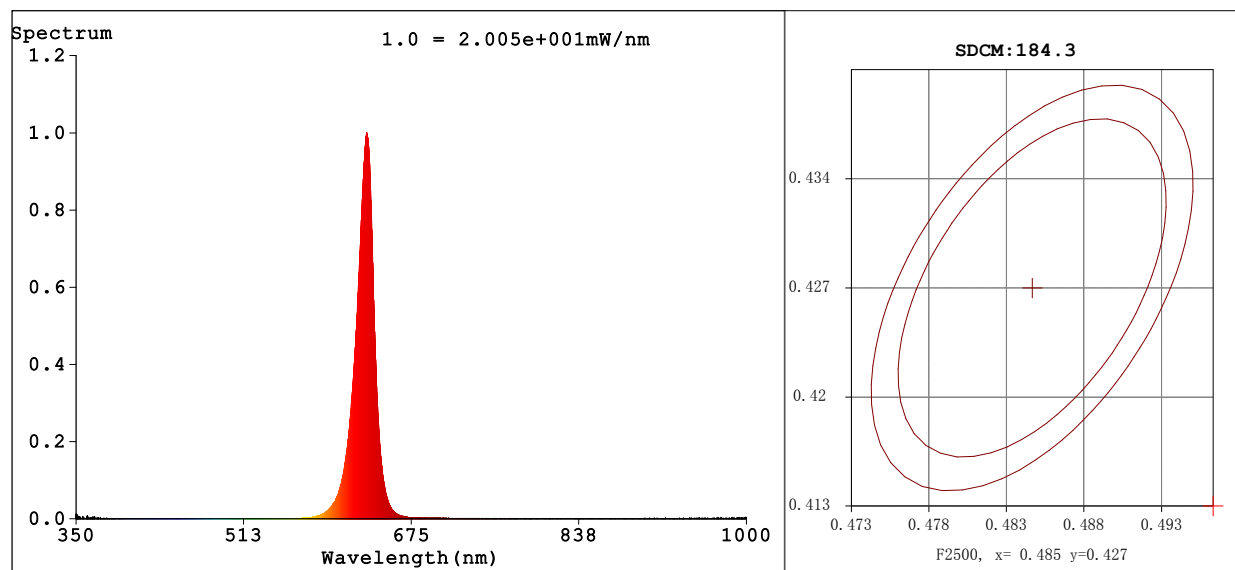
Flux: 540.891 lm E: 23.515 lm/w P: 2239.69 mw
I: 958.4 mA V: 24.00 V P: 23.002 w PF:

Memo:

1M

Product Mode:	N016084CC4DC0 RGBW 混光	Item No:	10305-0321-00
Tester:	DINGNANJUAN	Date:	2022-9-23
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

Spectrum Test Report



Colorimetric Parameters

Chromaticity Coordinate: $x=0.6958$ $y=0.3041$ $u'=0.5293$ $v'=0.5206$

CCT=1001K (Duv=-0.0818) Dominant WL:Ld =622.3nm Purity=100.0%

Peak WL:Lp=631.8nm FWHM=17.4nm

Render Index:Ra=26.1

R1 =6	R2 =77	R3 =32	R4 =0	R5 =0	R6 =86	R7 =8	
R8 =0	R9 =0	R10=69	R11=0	R12=75	R13=28	R14=60	R15=0

Photometric & Radiometric Parameters

Flux=82.28 lm Eff.:8.97 lm/W Fe=424.0 mW

EEI: 0.76347 C

EEC: 9.0 G

Electrical parameters

V=12.00 V I=0.7644 A P=9.172 W PF=1.000

Freq=0.00 Hz

LEVEL:OUT

Status: Integral T = 241 ms Ip = 50492 (77%)

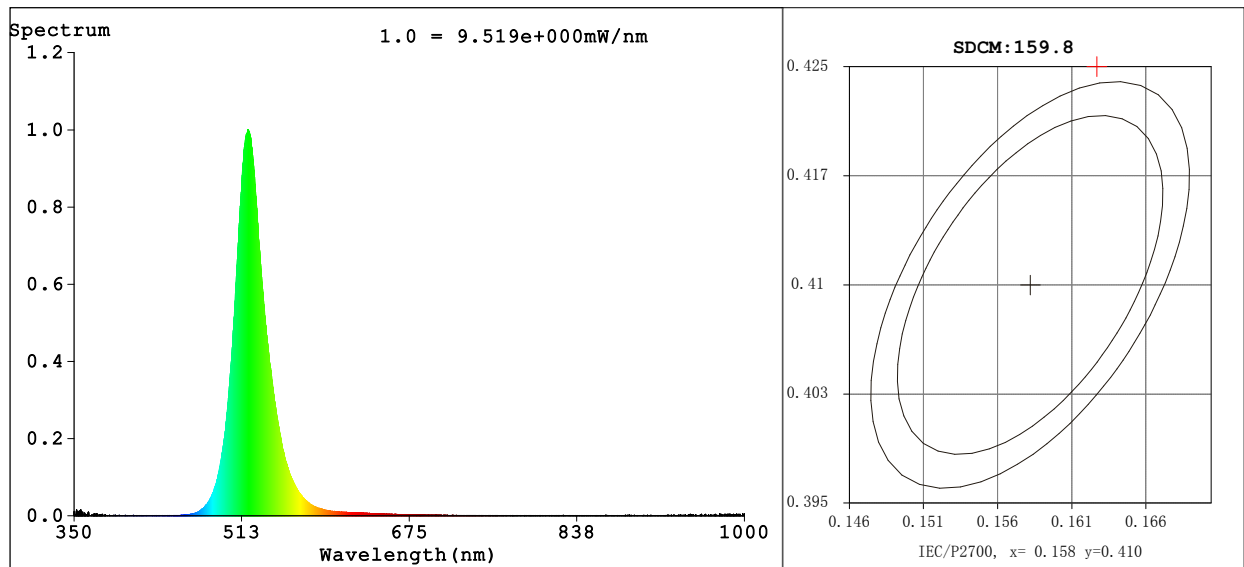
Test Mode: Accuracy Test; Sensitivity = High; Tecool: ON

GBT5702

Model:N016084CB4ST R
Test By:DINGNANJUAN
Temperature:25.3 °C
Manufacturer:iPixel LED

Number:10305-0460-00
Date:2023-08-16
Humidity:65.0%
Remarks:1M

Spectrum Test Report



Colorimetric Parameters

Chromaticity Coordinate:x=0.1625 y=0.7206/u'=0.0574 v'=0.5728

CCT=7968K(Duv=0.1590) Dominant WL:Ld =525.3nm Purity=78.7%

Peak WL:Lp=518.6nm FWHM=30.7nm

Render Index:Ra=0.0

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

Photometric & Radiometric Parameters

Flux=168.0 lm Eff.:18.30 lm/W Fe=358.6 mW

EEI: 0.46734 B

EEC: 18.3 G

Electrical parameters

V=12.00 V I=0.7648 A P=9.177 W PF=1.000

Freq=0.00 Hz

LEVEL:OUT

Status: Integral T = 379 ms Ip = 49499 (76%)

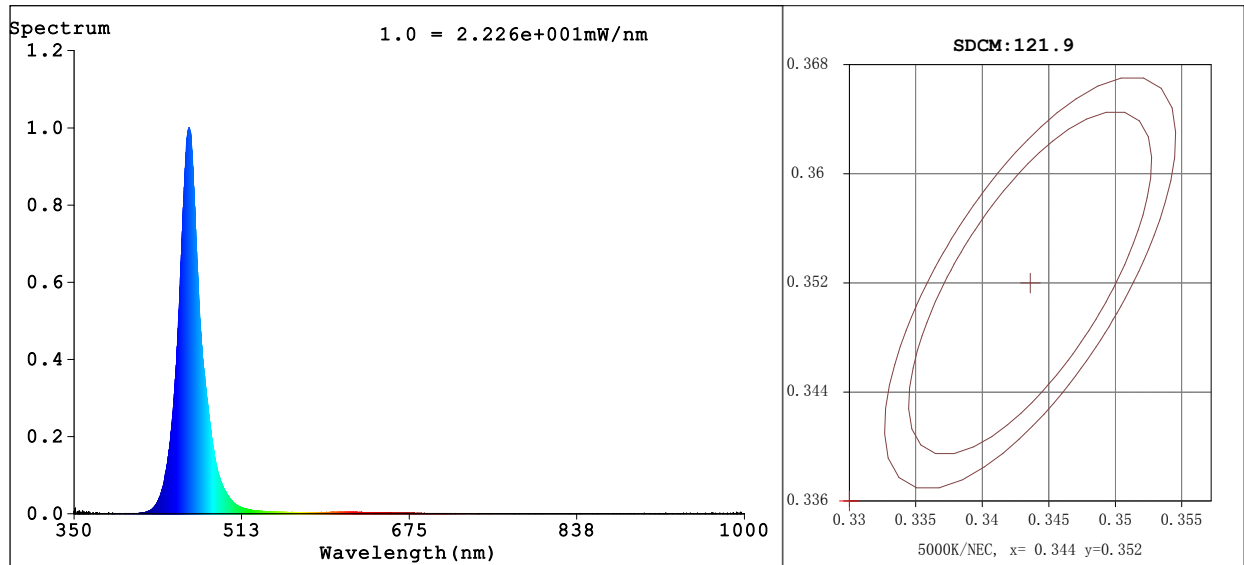
Test Mode: Accuracy Test; Sensitivity = High; Tecool: ON

GBT5702

Model:N016084CB4ST G
Test By:DINGNANJUAN
Temperature:25.3 °C
Manufacturer:iPixel LED

Number:10305-0460-00
Date:2023-08-16
Humidity:65.0%
Remarks:1M

Spectrum Test Report



Colorimetric Parameters

Chromaticity Coordinate: $x=0.1425$ $y=0.0559$ $u'=0.1683$ $v'=0.1486$

CCT=100000K (Duv=-0.1674) Dominant WL:Ld =466.0nm Purity=95.5%

Peak WL:Lp=461.5nm FWHM=20.7nm

Render Index:Ra=5.1

R1 =15	R2 =0	R3 =0	R4 =0	R5 =25	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=0	R15=24

Photometric & Radiometric Parameters

Flux=39.23 lm Eff.:4.26 lm/W Fe=597.0 mW

EEI: 1.23743 E Lowest

EEC: 4.3 G

Electrical parameters

V=12.00 V I=0.7667 A P=9.200 W PF=1.000

Freq=0.00 Hz

LEVEL:OUT

Status: Integral T = 189 ms Ip = 42546 (65%)

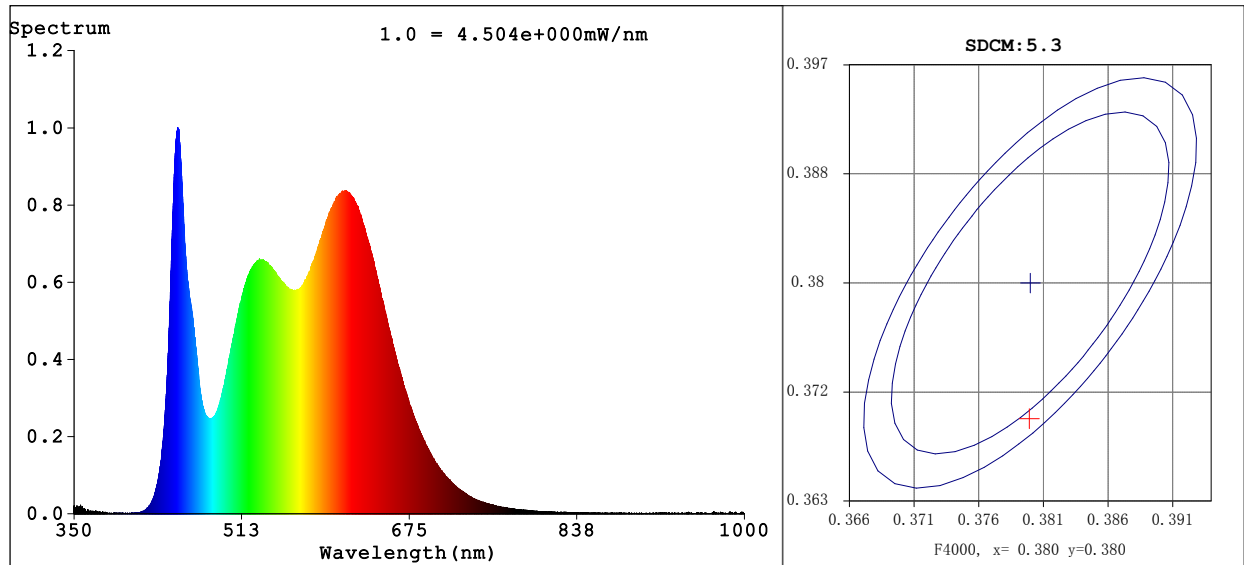
Test Mode: Accuracy Test; Sensitivity = High; Tecool: ON

GBT5702

Model:N016084CB4ST B
Test By:DINGNANJUAN
Temperature:25.3 °C
Manufacturer:iPixel LED

Number:10305-0460-00
Date:2023-08-16
Humidity:65.0%
Remarks:1M

Spectrum Test Report



Colorimetric Parameters

Chromaticity Coordinate: $x=0.3799$ $y=0.3695$ $u'=0.2277$ $v'=0.4983$

CCT=3959K (Duv=-0.0033) Dominant WL:Ld =581.2nm Purity=24.9%

Peak WL:Lp=450.6nm FWHM=22.9nm

Render Index:Ra=95.4

R1 =98	R2 =98	R3 =94	R4 =96	R5 =98	R6 =95	R7 =95	
R8 =89	R9 =70	R10=93	R11=92	R12=74	R13=99	R14=96	R15=96

Photometric & Radiometric Parameters

Flux=206.3 lm Eff.:22.56 lm/W Fe=675.0 mW

EEI: 0.40194 B

EEC: 22.6 G

Electrical parameters

V=12.00 V I=0.7619 A P=9.142 W PF=1.000

Freq=0.00 Hz

LEVEL:OUT

Status: Integral T = 1144 ms Ip = 50942 (78%)

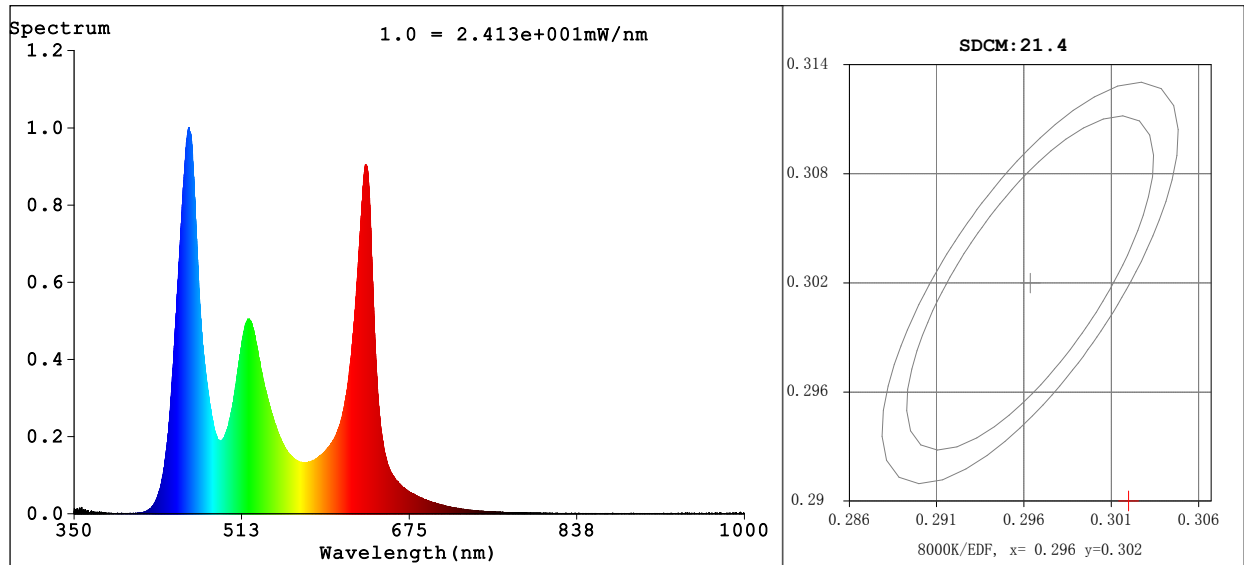
Test Mode: Accuracy Test; Sensitivity = High; Tecool: ON

GBT5702

Model:N016084CB4ST 4000-4300K
Test By:DINGNANJUAN
Temperature:25.3 °C
Manufacturer:iPixel LED

Number:10305-0460-00
Date:2023-08-16
Humidity:65.0%
Remarks:1M

Spectrum Test Report



Colorimetric Parameters

Chromaticity Coordinate: $x=0.3016$ $y=0.2805$ $u'=0.2094$ $v'=0.4381$

CCT=8140K (Duv=-0.0175) Dominant WL:Ld =457.0nm Purity=17.1%

Peak WL:Lp=461.4nm FWHM=24.4nm

Render Index:Ra=48.8

R1 =29 R2 =62 R3 =85 R4 =39 R5 =42 R6 =56 R7 =70

R8 =8 R9 =0 R10=20 R11=24 R12=54 R13=35 R14=86 R15=15

Photometric & Radiometric Parameters

Flux=481.3 lm Eff.:18.06 lm/W Fe=2.003 W

EEI: 0.62126 C

EEC: 18.1 G

Electrical parameters

V=12.00 V I=2.221 A P=26.64 W PF=1.000

Freq=0.00 Hz

LEVEL:OUT

Status: Integral T = 207 ms Ip = 50413 (77%)

Test Mode: Accuracy Test; Sensitivity = High; Tecool: ON

GBT5702

Model:N016084CB4ST 混光
Test By:DINGNANJUAN
Temperature:25.3 °C
Manufacturer:iPixel LEDNumber:10305-0460-00
Date:2023-08-16
Humidity:65.0%
Remarks:1M

Spectrum Test Report

Sample :
Specification : N016084CC4ST R
Sample No. : 10305-0552-00
Manufacturer : iPixel LED

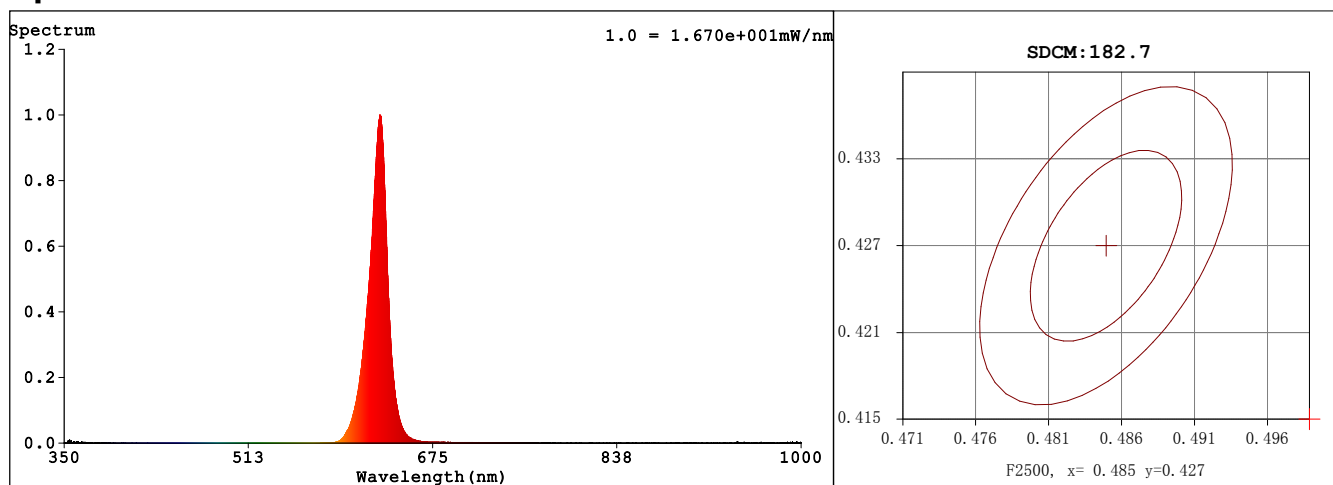
Date : 2023-12-28
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH	: 65.0%
IP	: 48941 (75%)
T	: 335 ms
Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6942$ $y = 0.3056$ / $u' = 0.5260$ $v' = 0.5210$ ($duv = -7.84e-02$)

CCT= 1001K Prcp WL: Ld=621.4nm Purity=100.0%

Peak WL: Lp=629nm FWHM: =16.3nm Ratio:R=98.2% G=1.8% B=-0.0%

Render Index: Ra = 23.7 TM30:Rf=1 Rg=119446853686583490000000000000000000

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: $TLCI = 1.2$

Photometric & Radiometric Parameters

Flux = 69.937 lm Eff. : 8.93 lm/W Fe = 331.20 mW

EEI: 0.72620 C

EEC: 8.9 G

Electrical parameters

V = 24.00 V I = 0.3264 A P = 7.833 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : N016084CC4ST G
Sample No. : 10305-0552-00
Manufacturer : iPixel LED

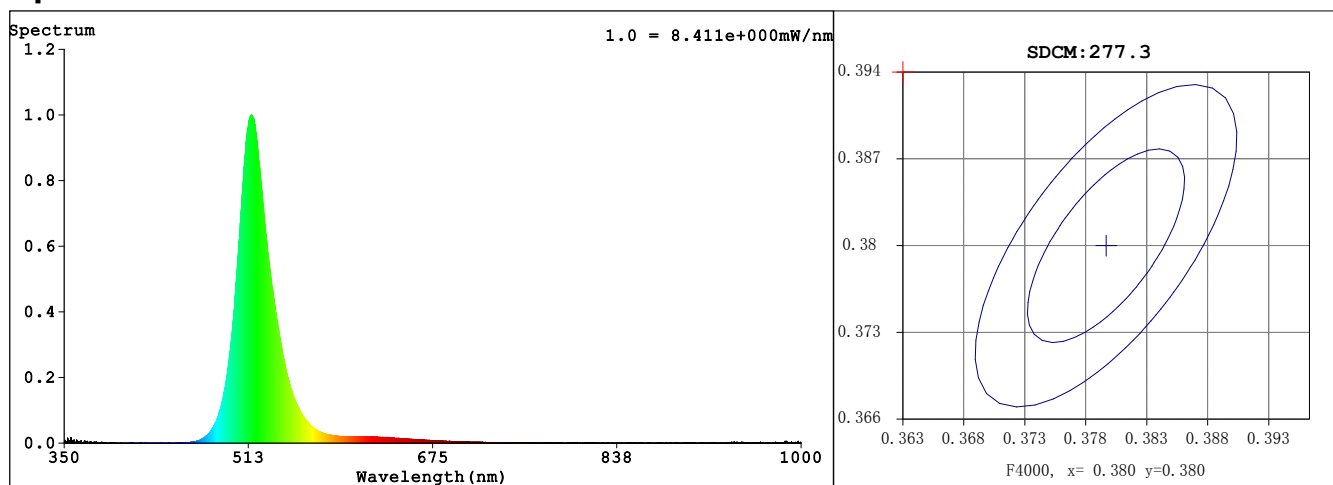
Date : 2023-12-28
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 48733 (74%)
T : 539 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1604$ $y = 0.7038$ / $u' = 0.0577$ $v' = 0.5694$ (duv=1.58e-01)

CCT= 8100K Prpc WL: Ld=523.4nm Purity=74.5%

Peak WL: Lp=515nm FWHM: =30.5nm Ratio:R=1.3% G=95.5% B=3.2%

Render Index: Ra = 0.0 TM30:Rf=4 Rg=12

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=38 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 5.0

Photometric & Radiometric Parameters

Flux = 140.43 lm Eff. : 17.93 lm/W Fe = 320.97 mW

EEI: 0.45254 B

EEC: 17.9 G

Electrical parameters

V = 24.00 V I = 0.3264 A P = 7.833 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : N016084CC4ST B
Sample No. : 10305-0552-00
Manufacturer : iPixel LED

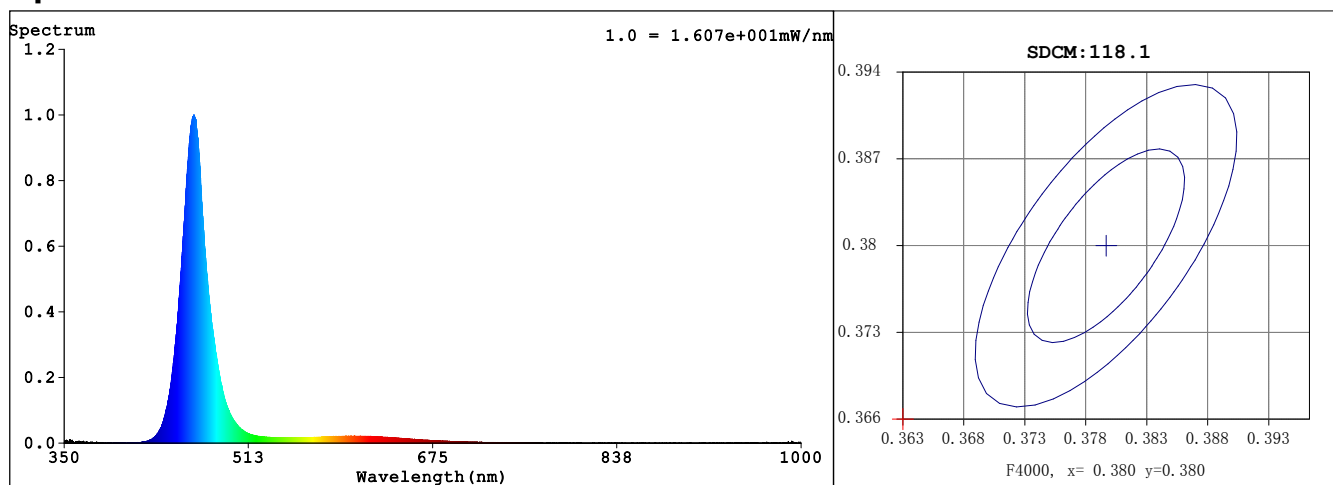
Date : 2023-12-28
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 49297 (75%)
T : 369 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1565$ $y = 0.0858$ / $u' = 0.1684$ $v' = 0.2079$ ($duv = -1.28e-01$)

CCT $\geq 100000K$ Prcp WL: $L_d = 467.7nm$ Purity = 86.9%

Peak WL: $L_p = 465nm$ FWHM: $\approx 23.5nm$ Ratio: R=8.1% G=36.4% B=55.5%

Render Index: $R_a = 20.0$ TM30: $R_f = 27$ $R_g = 164$

$R_1 = 79$ $R_2 = 0$ $R_3 = 0$ $R_4 = 0$ $R_5 = 81$ $R_6 = 0$ $R_7 = 0$

$R_8 = 0$ $R_9 = 29$ $R_{10} = 0$ $R_{11} = 0$ $R_{12} = 0$ $R_{13} = 33$ $R_{14} = 0$ $R_{15} = 58$

LEVEL:OUT

TLCI Parameters: TLCI = 9.0

Photometric & Radiometric Parameters

Flux = 47.250 lm Eff. : 6.03 lm/W Fe = 504.41 mW

EEL: 0.93619 D

EEC: 6.0 G

Electrical parameters

V = 24.00 V I = 0.3263 A P = 7.831 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : N016084CC4ST 3000±300K
Sample No. : 10305-0552-00
Manufacturer : iPixel LED

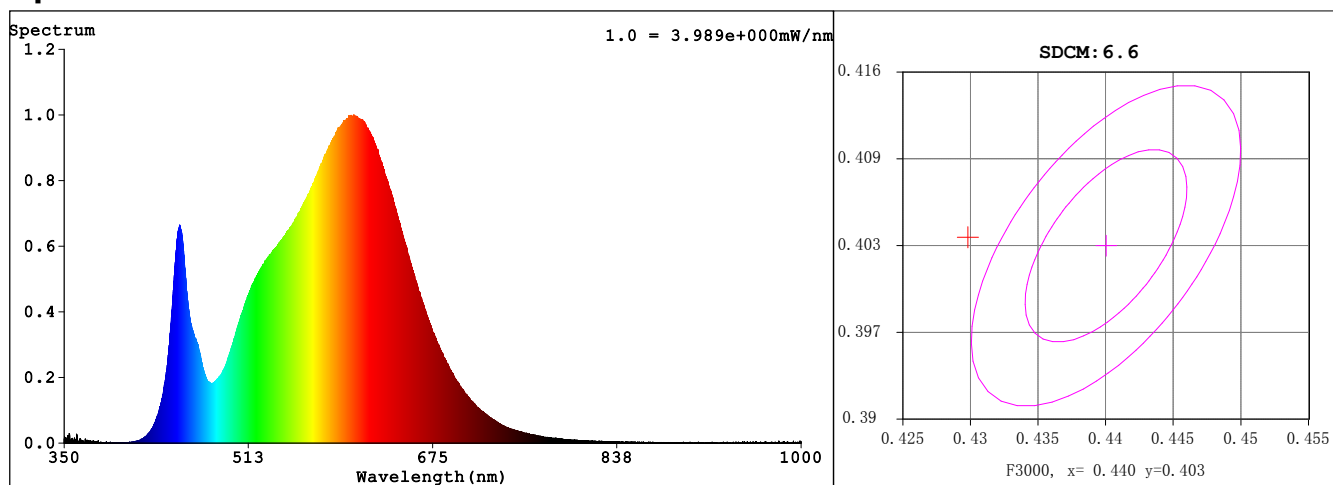
Date : 2023-12-28
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 48183 (74%)
T : 1220 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4298$ $y = 0.4036$ / $u' = 0.2462$ $v' = 0.5201$ ($duv=8.70e-04$)

CCT= 3121K Prpc WL: $L_d=582.0nm$ Purity=50.2%

Peak WL: $L_p=606nm$ FWHM: $=141.3nm$ Ratio: $R=22.3\%$ $G=75.1\%$ $B=2.5\%$

Render Index: $R_a = 84.0$ TM30: $R_f=85$ $R_g=97$

$R_1 = 83$ $R_2 = 90$ $R_3 = 97$ $R_4 = 83$ $R_5 = 82$ $R_6 = 88$ $R_7 = 86$

$R_8 = 64$ $R_9 = 16$ $R_{10} = 77$ $R_{11} = 82$ $R_{12} = 66$ $R_{13} = 84$ $R_{14} = 98$ $R_{15} = 76$

LEVEL:OUT

TLCI Parameters: $TLCI = 73.2$

Photometric & Radiometric Parameters

Flux = 203.04 lm Eff. : 26.10 lm/W $Fe = 623.39 mW$

EEI: 0.34597 B

EEC: 26.1 G

Electrical parameters

$V = 24.00 V$ $I = 0.3242 A$ $P = 7.780 W$ $PF = 1.000$

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : N016084CC4ST Mixed
Sample No. : 10305-0552-00
Manufacturer : iPixel LED

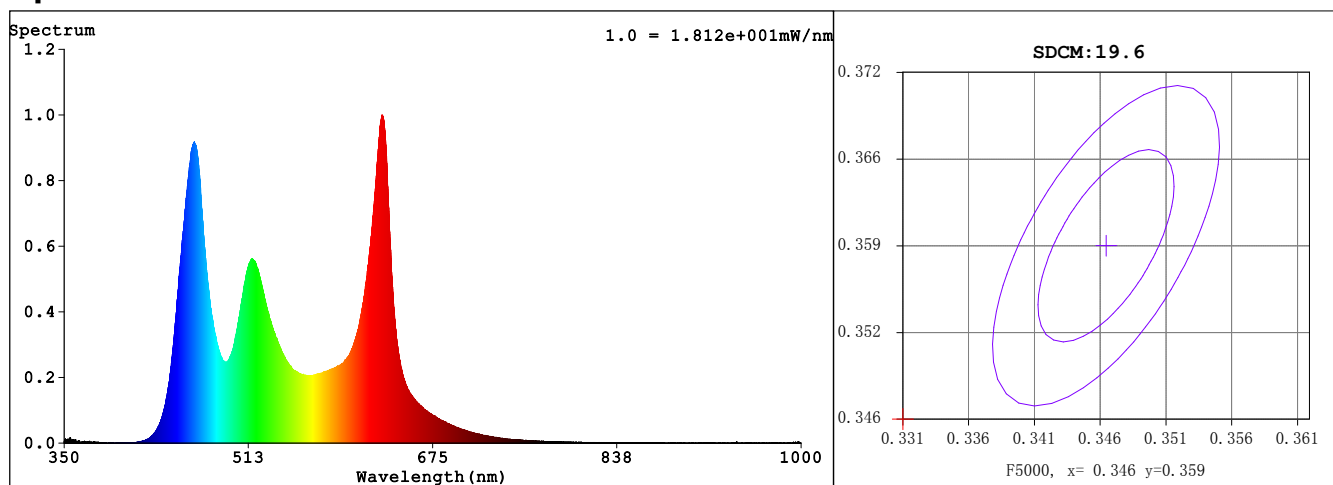
Date : 2023-12-28
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 48386 (74%)
T : 305 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3269$ $y = 0.3113$ / $u' = 0.2150$ $v' = 0.4607$ ($duv = -1.35e-02$)

CCT= 5799K Prpc WL: $L_d = -564.9\text{nm}$ Purity=8.6%

Peak WL: $L_p = 631\text{nm}$ FWHM: $=22.5\text{nm}$ Ratio: R=24.6% G=67.4% B=8.0%

Render Index: $R_a = 57.6$ TM30: $R_f = 71$ $R_g = 113$

$R_1 = 43$ $R_2 = 65$ $R_3 = 87$ $R_4 = 52$ $R_5 = 49$ $R_6 = 53$ $R_7 = 78$

$R_8 = 35$ $R_9 = 0$ $R_{10} = 22$ $R_{11} = 37$ $R_{12} = 47$ $R_{13} = 46$ $R_{14} = 91$ $R_{15} = 37$

LEVEL:OUT

TLCI Parameters: TLCI = 52.8

Photometric & Radiometric Parameters

Flux = 438.66 lm Eff. : 19.29 lm/W $F_e = 1.7006\text{ W}$

EEL: 0.56946 B

EEC: 19.3 G

Electrical parameters

$V = 24.00\text{ V}$ $I = 0.9474\text{ A}$ $P = 22.74\text{ W}$ PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

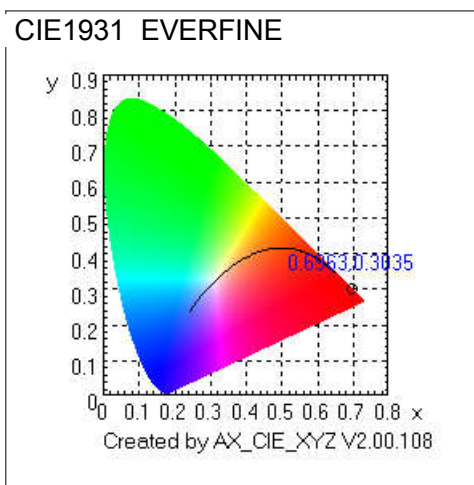
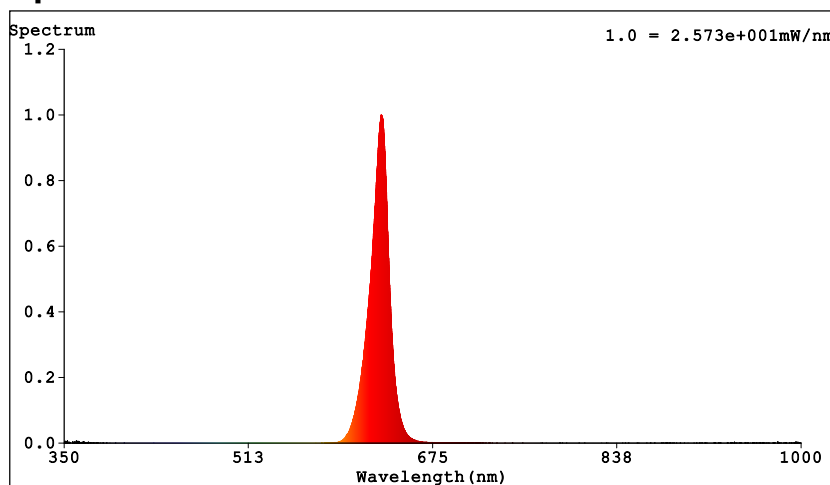
Spectrum Test Report

Sample	:		Date	:	2025-03-02
Specification	:	N016084CC3DE1 R	Sam. Status	:	1M
Sample No.	:	10305-0482-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LINZINA

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	50170 (77%)
Test Mode	:	Accuracy Test	T	:	235 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6963$ $y = 0.3035$ / $u' = 0.5305$ $v' = 0.5204$ ($duv = -8.30e-02$)

CCT= 1001K Prcp WL: $L_d = 622.5nm$ Purity=100.0%

Peak WL: $L_p = 630nm$ FWHM: $= 16.6nm$ Ratio: $R = 98.8\%$ $G = 1.2\%$ $B = -0.0\%$

Render Index: $R_a = 23.7$ TM30: $R_f = 1$ $R_g = 0$

$R_1 = 0$ $R_2 = 77$ $R_3 = 23$ $R_4 = 0$ $R_5 = 0$ $R_6 = 89$ $R_7 = 0$

$R_8 = 0$ $R_9 = 0$ $R_{10} = 70$ $R_{11} = 0$ $R_{12} = 79$ $R_{13} = 26$ $R_{14} = 55$ $R_{15} = 0$

LEVEL:OUT

TLCI Parameters: TLCI = 1.4

Photometric & Radiometric Parameters

Flux = 104.48 lm Eff. : 13.81 lm/W $F_e = 512.34 mW$

EEL: 0.53609 B

EEC: 13.8 G

Electrical parameters

$V = 24.00 V$ $I = 0.3153 A$ $P = 7.567 W$ PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

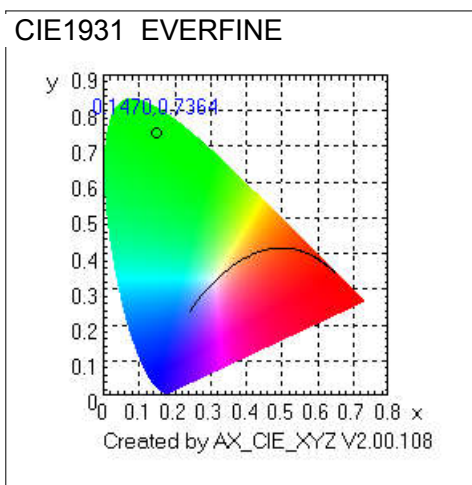
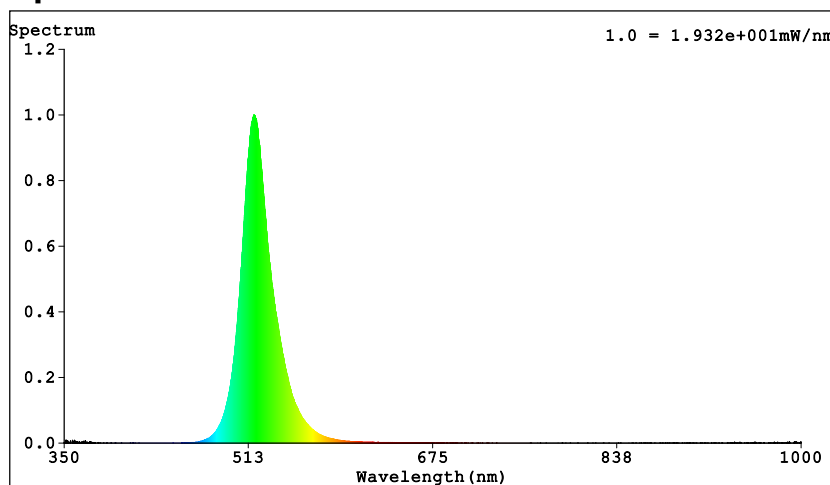
Spectrum Test Report

Sample	:		Date	:	2025-03-02
Specification	:	N016084CC3DE1 G	Sam. Status	:	1M
Sample No.	:	10305-0482-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LINZINA

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	45750 (70%)
Test Mode	:	Accuracy Test	T	:	235 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1470$ $y = 0.7364$ / $u' = 0.0509$ $v' = 0.5742$ ($duv=1.65e-01$)

CCT= 8145K Prcp WL: $L_d=523.7nm$ Purity=81.2%

Peak WL: $L_p=517nm$ FWHM: $=27.3nm$ Ratio:R=0.2% G=97.7% B=2.1%

Render Index: $R_a = 0.0$ 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=33 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 2.5

Photometric & Radiometric Parameters

Flux = 303.47 lm Eff. : 40.16 lm/W Fe = 647.36 mW

EEL: 0.25023 B

EEC: 40.2 G

Electrical parameters

V = 24.00 V I = 0.3149 A P = 7.557 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

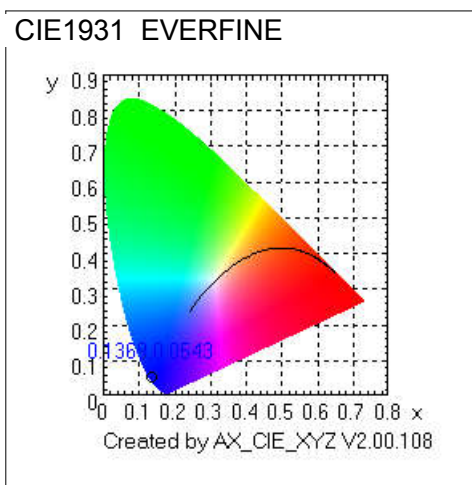
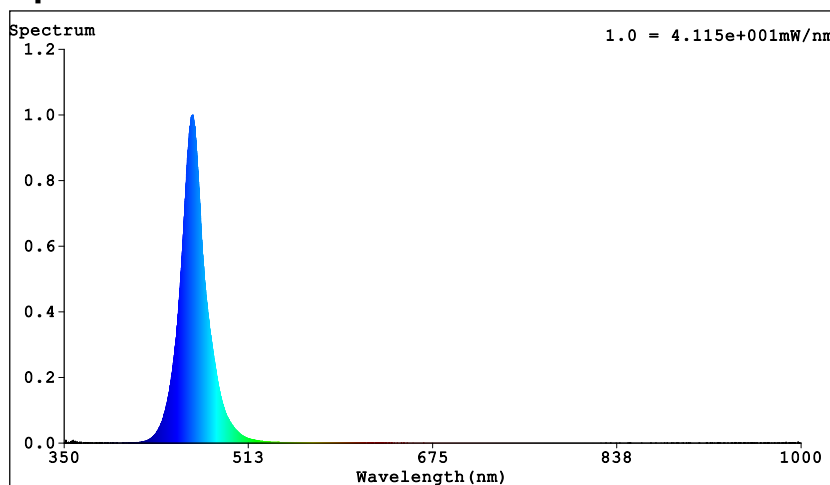
Spectrum Test Report

Sample	:		Date	:	2025-03-02
Specification	:	N016084CC3DE1 B	Sam. Status	:	1M
Sample No.	:	10305-0482-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LINZINA

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	51094 (78%)
Test Mode	:	Accuracy Test	T	:	161 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1369$ $y = 0.0543$ / $u' = 0.1621$ $v' = 0.1446$ ($duv = -1.71e-01$)

CCT>=100000K Prcp WL: Ld=467.1nm Purity=97.2%

Peak WL: Lp=464nm FWHM: =21.1nm Ratio:R=0.4% G=13.4% B=86.2%

Render Index: Ra = 0.2 TM30:Rf=0 Rg=-36

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 = 0.7

Photometric & Radiometric Parameters

Flux = 68.633 lm Eff. : 9.08 lm/W Fe = 1.0936 W

EEL: 0.70958 C

EEC: 9.1 G

Electrical parameters

V = 24.00 V I = 0.3150 A P = 7.559 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

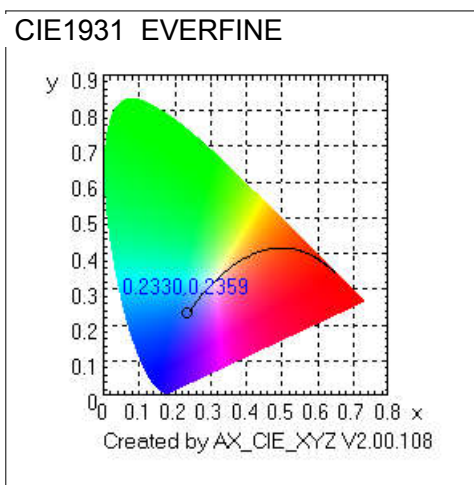
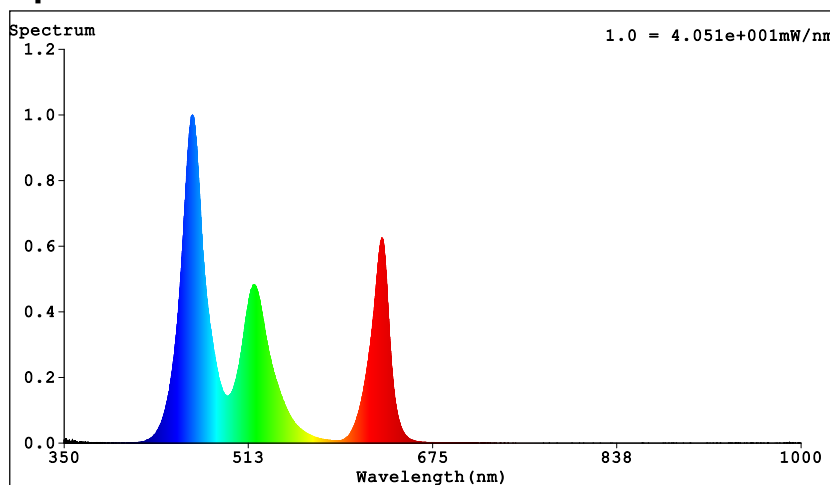
Spectrum Test Report

Sample	:		Date	:	2025-03-02
Specification	:	N016084CC3DE1 Mixed	Sam. Status	:	1M
Sample No.	:	10305-0482-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LINZINA

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	50261 (77%)
Test Mode	:	Accuracy Test	T	:	161 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2330$ $y = 0.2359$ / $u' = 0.1737$ $v' = 0.3957$ ($duv = -7.23e-03$)

CCT $\geq 100000K$ Prcp WL: $L_d = 477.5nm$ Purity = 43.2%

Peak WL: $L_p = 463nm$ FWHM: $= 21.4nm$ Ratio: R=21.5% G=64.7% B=13.8%

Render Index: $R_a = 47.1$ TM30: $R_f = 48$ $R_g = 114$

R1 = 31 R2 = 56 R3 = 69 R4 = 53 R5 = 54 R6 = 55 R7 = 57

R8 = 2 R9 = 0 R10 = 0 R11 = 41 R12 = 61 R13 = 33 R14 = 78 R15 = 10

LEVEL: OUT

TLCI Parameters: TLCI = 16.0

Photometric & Radiometric Parameters

Flux = 473.57 lm Eff. : 31.79 lm/W $Fe = 2.2367 W$

EEL: 0.35168 B

EEC: 31.8 G

Electrical parameters

V = 24.00 V I = 0.6207 A P = 14.90 W PF = 1.000

Freq = 0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : N016120BC1DE1 2600-2800K
Sample No. : 10305-0789-00
Manufacturer : iPixel LED

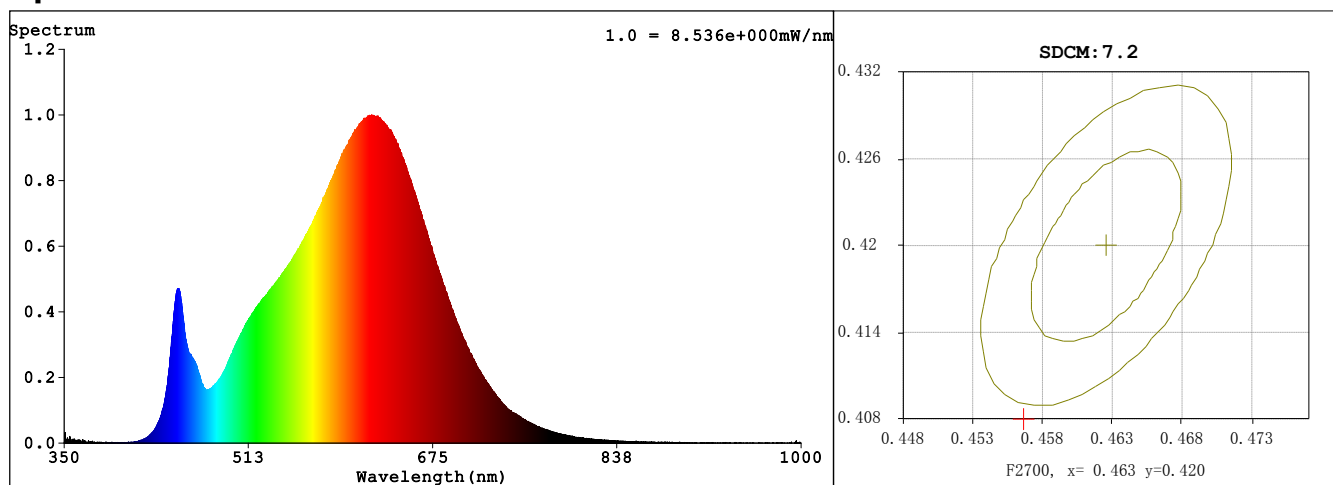
Date : 2025-10-08
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WHL

Test Condition

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

RH : 65.0%
IP : 53520 (82%)
T : 787 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4571 y = 0.4035 / u' = 0.2639 v' = 0.5242 (duv=-2.40e-03)

CCT= 2683K Prpc WL: Ld=585.1nm Purity=58.3%

Peak WL: Lp=621nm FWHM: =143.9nm Ratio:R=26.5% G=71.1% B=2.4%

Render Index: Ra = 91.5 TM30:Rf=90 Rg=101

R1 =92 R2 =96 R3 =98 R4 =91 R5 =92 R6 =95 R7 =90

R8 =78 R9 =54 R10=91 R11=92 R12=84 R13=93 R14=99 R15=88

LEVEL:OUT

TLCI Parameters: TLCI = 87.0

Photometric & Radiometric Parameters

Flux = 390.64 lm Eff. : 32.57 lm/W Fe = 1.3997 W

EEL: 0.32830 B

EEC: 32.6 G

Electrical parameters

V = 24.00 V I = 0.4998 A P = 11.99 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>