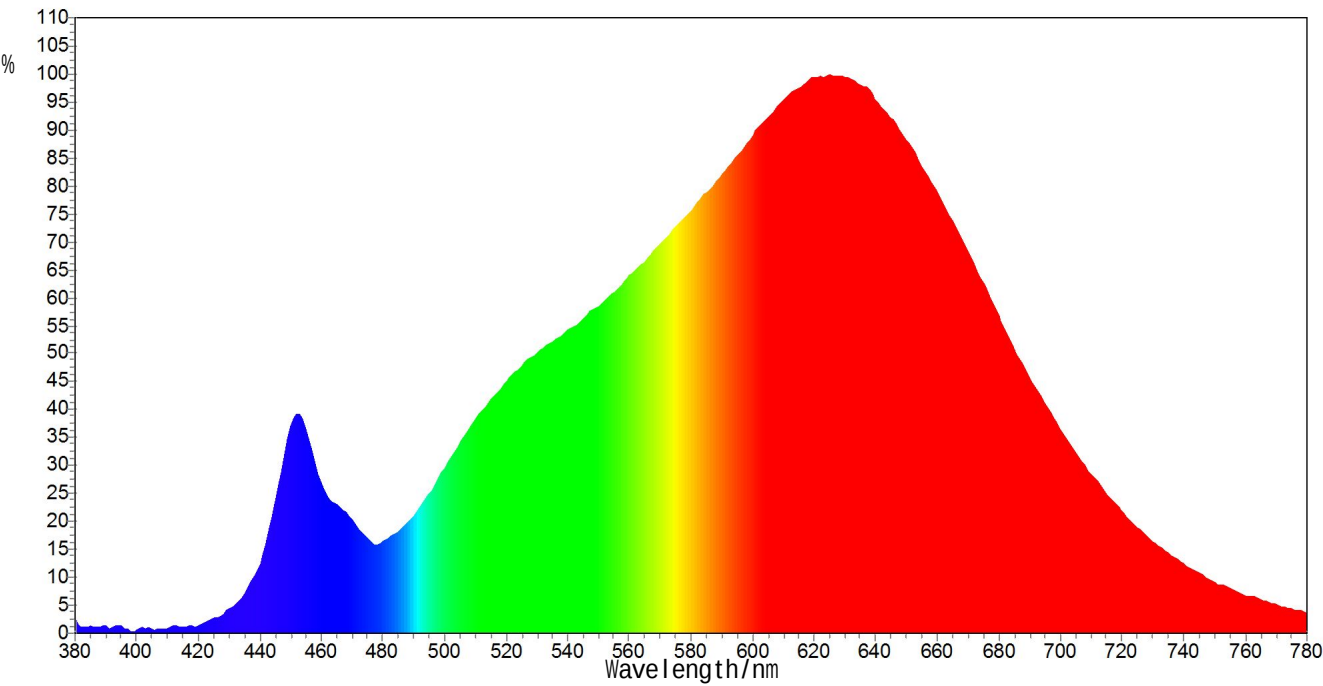
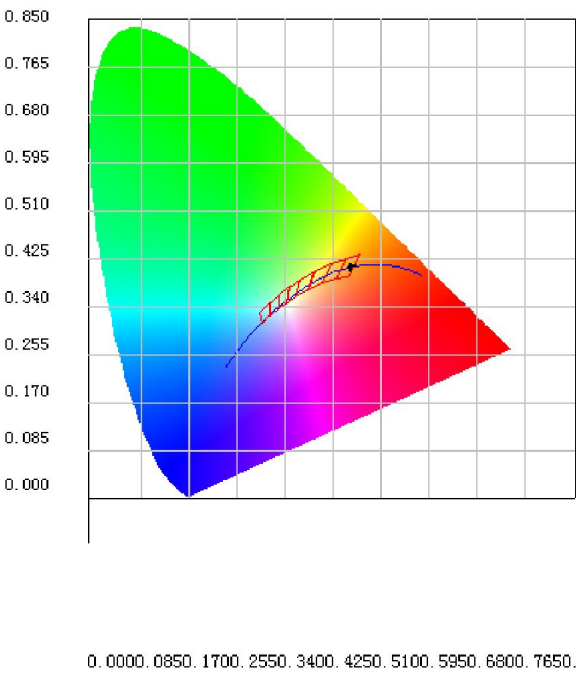


LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.4587 y: 0.4143
u: 0.2601 v: 0.3524
WD: 583.5 nm WP: 625.8 nm
HW: 156.5 nm Purity: 0.620
CCT: 2744 K Ra: 92.0
SDCM : 2.79 DUV : 0.0015
Ratio: R%: 55.0 G%: 35.4 B%: 9.6
Kred 23.38% Kgreen 73.92% Kblue 2.71%
R1: 91.7 R2: 94.5 R3: 96.4
R4: 93.4 R5: 92.0 R6: 94.3
R7: 92.1 R8: 81.7 R9: 59.7
R10: 86.9 R11: 87.8 R12: 77.2
R13: 92.0 R14: 97.1 R15: 87.6
Rf : 0.0 Rg : 0.0



Electrical parameters

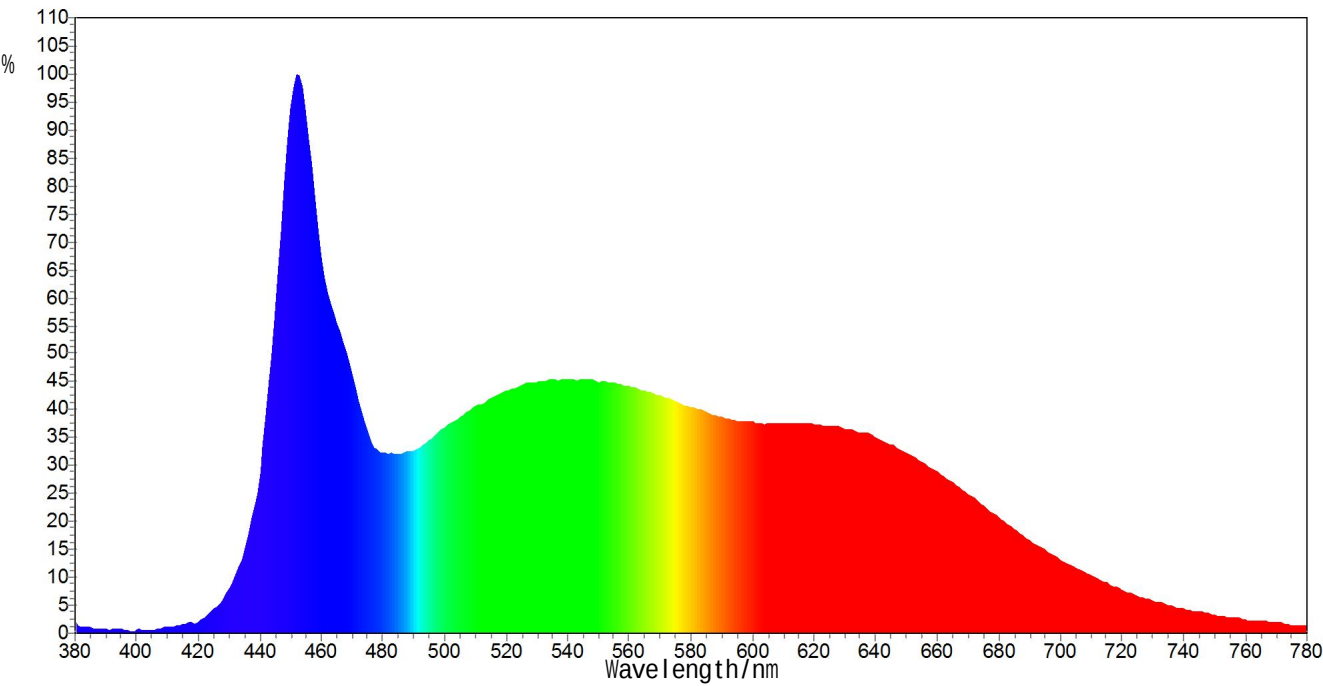
Flux: 782.852 lm E: 80.202 lm/w P: 2890.92 mw
I: 406.7 mA V: 24.00 V P: 9.761 w PF:

Memo:

1M

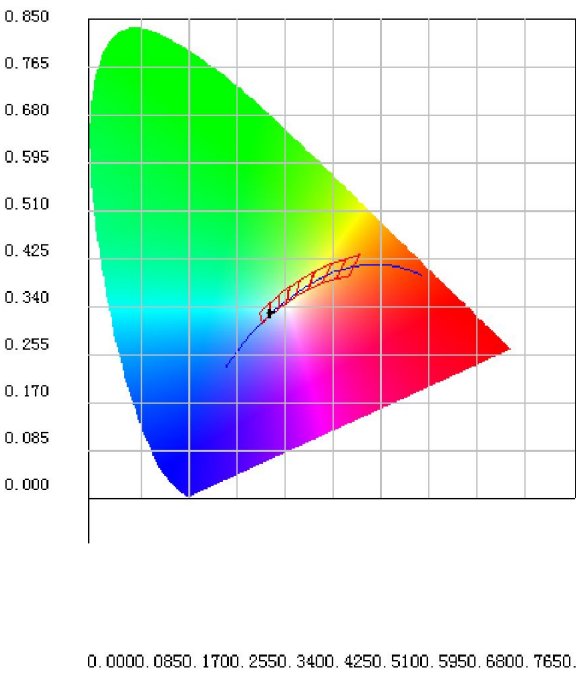
Product Mode:	S010240XC2PZ 双色温 2700K	Item No:	10102-0083-00
Tester:	DINGNANJUAN	Date:	2023-4-18
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.3177 y: 0.3325
u: 0.2000 v: 0.3140
WD: 491.0 nm WP: 453.2 nm
HW: 24.4 nm Purity: 0.053
CCT: 6220 K Ra: 94.2
SDCM : 6.71 DUV : 0.0025
Ratio : R%: 31.1 G%: 38.3 B%: 30.6
Kred 13.84% Kgreen 78.85% Kblue 7.31%
R1: 95.2 R2: 97.0 R3: 95.4
R4: 93.1 R5: 92.6 R6: 91.3
R7: 96.1 R8: 93.2 R9: 83.4
R10: 90.5 R11: 93.6 R12: 61.2
R13: 96.1 R14: 97.4 R15: 93.8
Rf : 0.0 Rg : 0.0



Electrical parameters

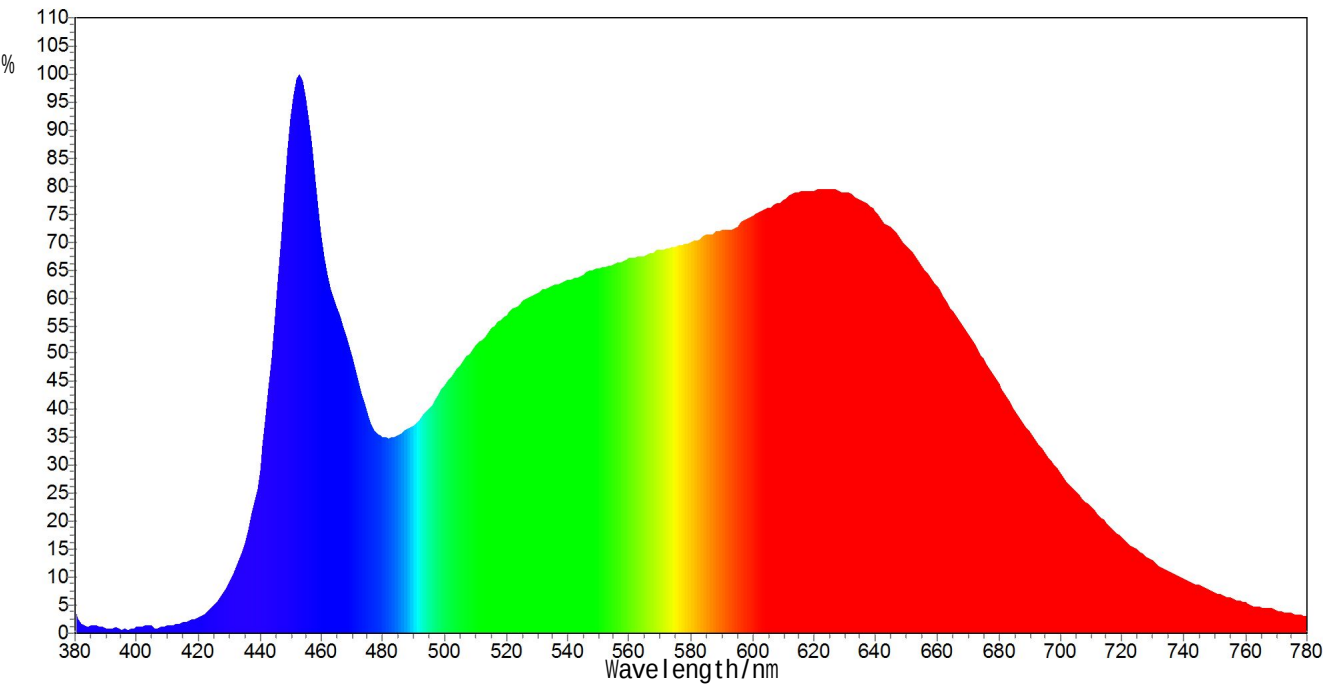
Flux: 832.389 lm E: 84.592 lm/w P: 3246.69 mw
I: 410.0 mA V: 24.00 V P: 9.840 w PF:

Memo:

1M

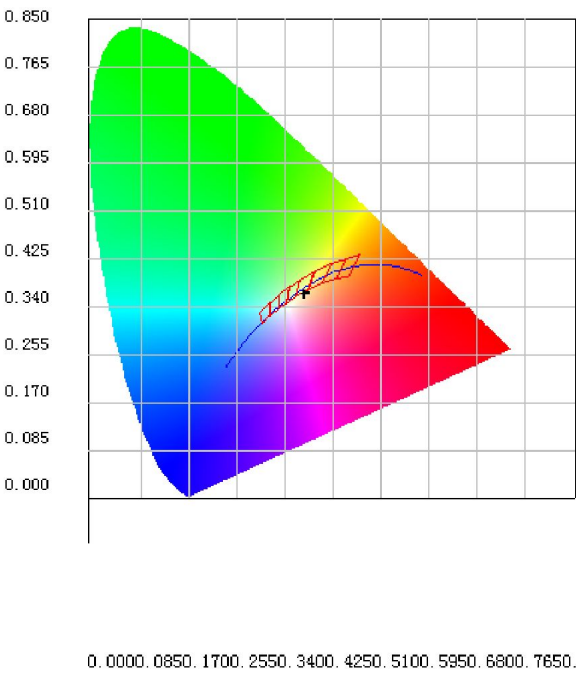
Product Mode:	S010240XC2PZ 双色温 6500K	Item No:	10102-0083-00
Tester:	DINGNANJUAN	Date:	2023-4-18
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.3777 y: 0.3662
u: 0.2275 v: 0.3309
WD: 581.8 nm WP: 453.6 nm
HW: 25.9 nm Purity: 0.232
CCT: 4012 K Ra: 96.2
SDCM : 49.72 DUV : -0.0042
Ratio: R%: 42.5 G%: 36.8 B%: 20.7
Kred 18.51% Kgreen 76.34% Kblue 5.14%
R1: 98.0 R2: 98.8 R3: 96.6
R4: 96.6 R5: 96.2 R6: 94.1
R7: 95.6 R8: 94.1 R9: 87.5
R10: 95.5 R11: 91.0 R12: 69.5
R13: 99.0 R14: 97.5 R15: 97.3
Rf : 0.0 Rg : 0.0



Electrical parameters

Flux: 1588.434 lm E: 80.771 lm/w P: 6053.49 mw
I: 819.4 mA V: 24.00 V P: 19.666 w PF:

Memo:

1M

Product Mode:	S010240XC2PZ 双色温 混光	Item No:	10102-0083-00
Tester:	DINGNANJUAN	Date:	2023-4-18
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

Spectrum Test Report

Sample :
Specification : S008224XC2PZ 1800±100K
Sample No. :
Manufacturer : iPixel LED

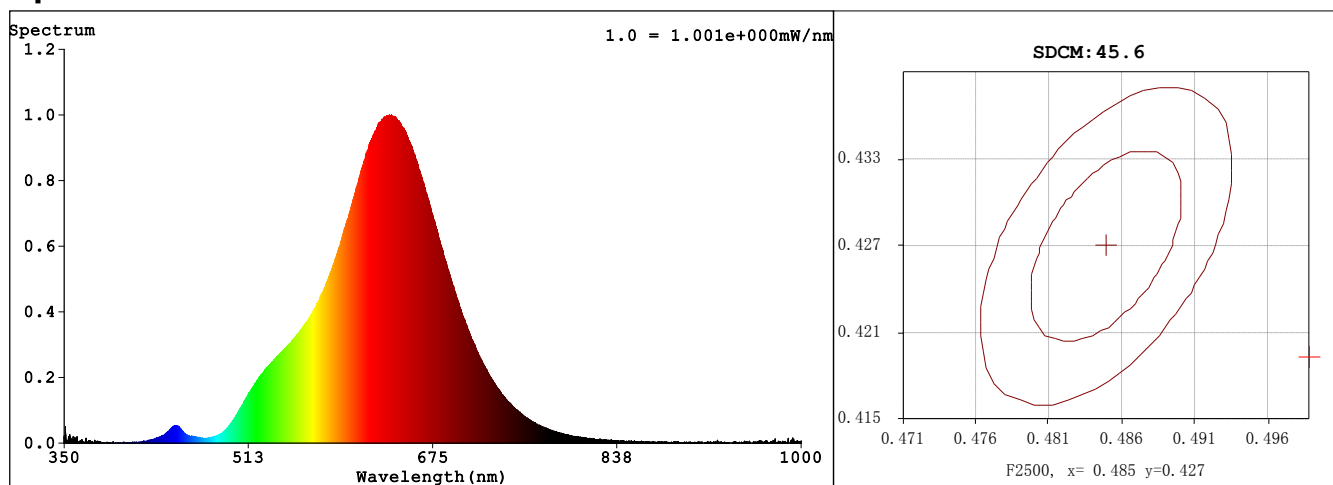
Date : 2025-04-01
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LZN

Test Condition

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

RH : 65.0%
IP : 47699 (73%)
T : 6307 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5494$ $y = 0.4194$ / $u' = 0.3169$ $v' = 0.5443$ ($duv=2.99e-03$)

CCT= 1862K Prpc WL: Ld=589.3nm Purity=90.8%

Peak WL: Lp=637nm FWHM: =108.1nm Ratio:R=36.9% G=62.6% B=0.5%

Render Index: Ra = 91.9 TM30:Rf=89 Rg=90

R1 =92 R2 =94 R3 =93 R4 =95 R5 =91 R6 =95 R7 =93

R8 =81 R9 =59 R10=85 R11=98 R12=83 R13=93 R14=94 R15=87

LEVEL:OUT

TLCI Parameters: TLCI = 83.3

Photometric & Radiometric Parameters

Flux = 30.016 lm Eff. : 38.97 lm/W Fe = 129.56 mW

EEL: 0.12243 A+

EEC: 39.0 G

Electrical parameters

V = 24.00 V I = 0.03210 A P = 0.7703 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S008224XC2PZ 4500±100k
Sample No. :
Manufacturer : iPixel LED

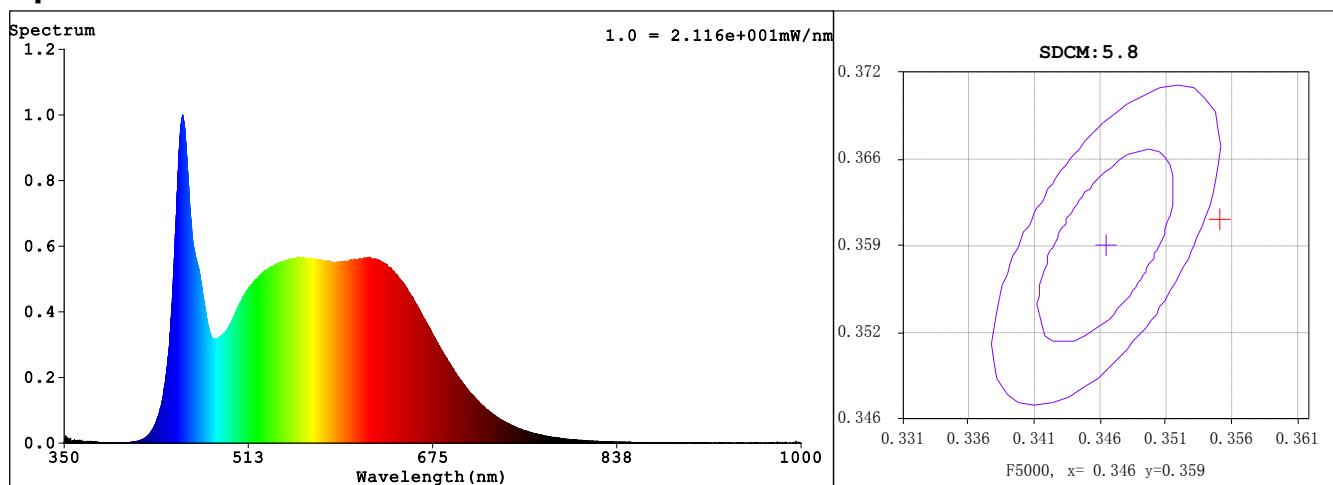
Date : 2025-04-01
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LZN

Test Condition

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

RH : 65.0%
IP : 48683 (74%)
T : 365 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3546$ $y = 0.3610$ / $u' = 0.2142$ $v' = 0.4906$ ($duv=9.82e-04$)

CCT= 4691K Prpc WL: Ld=574.9nm Purity=14.7%

Peak WL: Lp=455nm FWHM: =24.2nm Ratio:R=18.0% G=76.9% B=5.1%

Render Index: Ra = 93.5 TM30:Rf=91 Rg=99

R1 =94 R2 =97 R3 =97 R4 =91 R5 =92 R6 =93 R7 =94

R8 =90 R9 =77 R10=91 R11=91 R12=64 R13=96 R14=98 R15=92

LEVEL:OUT

TLCI Parameters: TLCI = 94.2

Photometric & Radiometric Parameters

Flux = 818.09 lm Eff. : 101.18 lm/W Fe = 2.8683 W

EEL: 0.12390 A+

EEC: 101.2 F

Electrical parameters

V = 24.00 V I = 0.3369 A P = 8.085 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>