

## Spectrum Test Report

Sample :  
Specification : B013012BB1LZ 6500K  
Sample No. :  
Manufacturer : iPixel LED

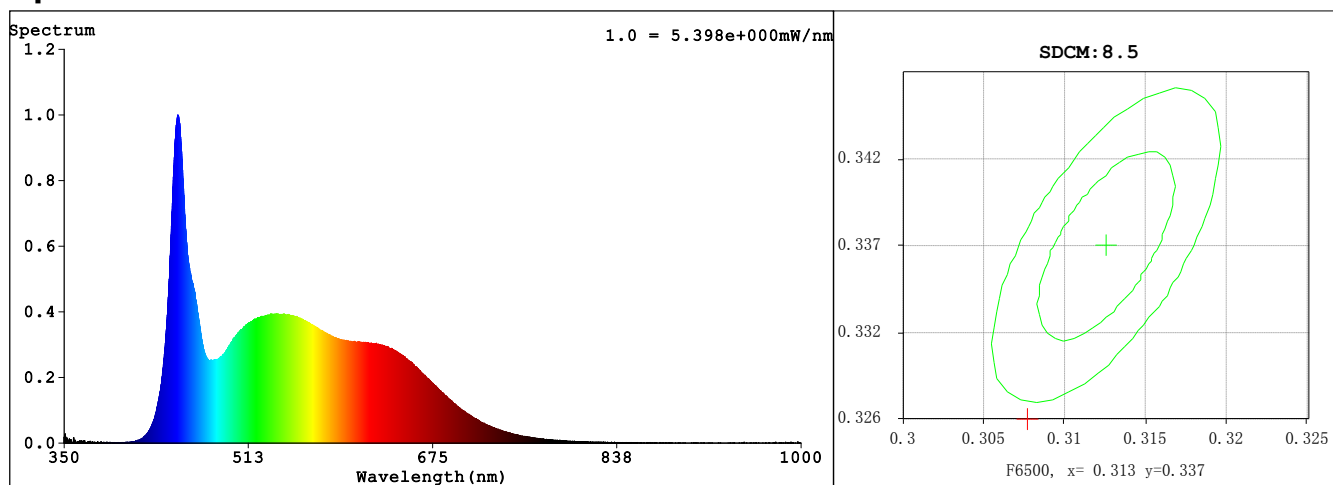
Date : 2025-12-03  
Sam. Status : 274MM  
Instrument : HAAS-2000(EVERFINE)  
Test by : LZN

### Test Condition

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

RH : 65.0%  
IP : 51980 (79%)  
T : 1598 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate: x = 0.3081 y = 0.3211 / u' = 0.1976 v' = 0.4633 (duv=1.44e-03)

CCT= 6839K Prpc WL: Ld=485.2nm Purity=9.5%

Peak WL: Lp=450nm FWHM: =19.7nm Ratio:R=14.9% G=78.7% B=6.5%

Render Index: Ra = 93.8 TM30:Rf=91 Rg=100

R1 =95 R2 =95 R3 =91 R4 =95 R5 =93 R6 =90 R7 =97

R8 =95 R9 =85 R10=86 R11=93 R12=65 R13=95 R14=95 R15=95

LEVEL:OUT

TLCI Parameters: TLCI = 95.2

### Photometric & Radiometric Parameters

Flux = 138.01 lm Eff. : 121.46 lm/W Fe = 505.13 mW

EEL: 0.06645 A++ Highest

EEC: 121.5 E

### Electrical parameters

V = 12.00 V I = 0.09470 A P = 1.136 W PF = 1.000

Freq=0.00 Hz

**GBT5702**

**iPixel LED**

<https://www.ipixelleds.com>

## Spectrum Test Report

Sample :  
Specification : B015012BB1LZ 3000K  
Sample No. :  
Manufacturer : iPixel LED

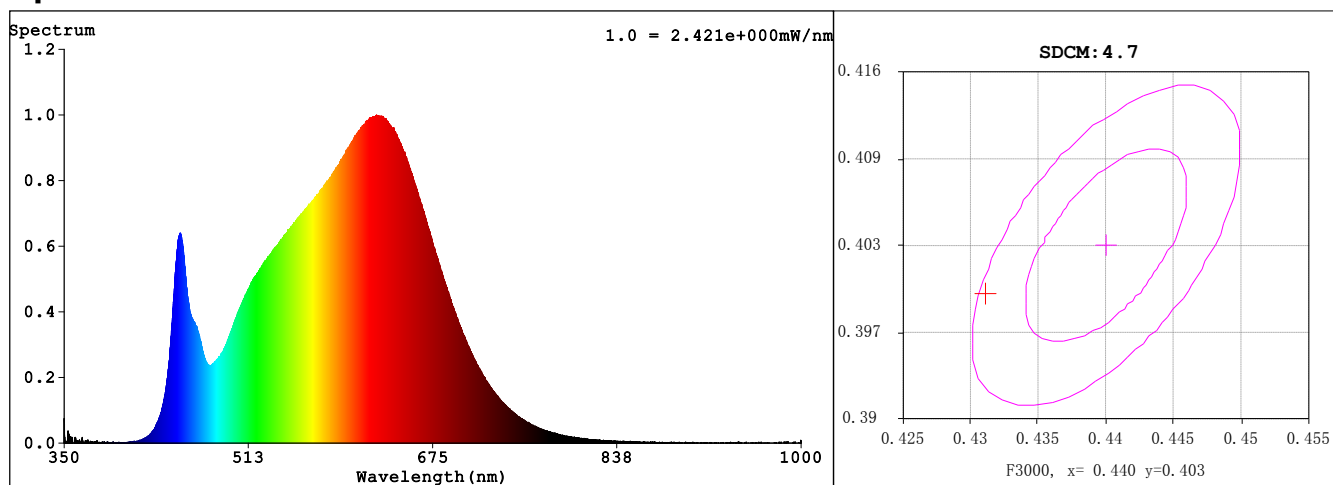
Date : 2025-12-03  
Sam. Status : 268MM  
Instrument : HAAS-2000(EVERFINE)  
Test by : LZN

### Test Condition

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

RH : 65.0%  
IP : 52104 (80%)  
T : 2766 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate: x = 0.4311 y = 0.3995 / u' = 0.2488 v' = 0.5187 (duv=-1.03e-03)

CCT= 3063K Prpc WL: Ld=582.9nm Purity=49.3%

Peak WL: Lp=626nm FWHM: =167.8nm Ratio:R=24.0% G=73.0% B=3.0%

Render Index: Ra = 94.0 TM30:Rf=92 Rg=101

R1 =95 R2 =97 R3 =97 R4 =94 R5 =94 R6 =95 R7 =94

R8 =87 R9 =70 R10=91 R11=94 R12=78 R13=95 R14=98 R15=92

LEVEL:OUT

TLCI Parameters: TLCI = 94.2

### Photometric & Radiometric Parameters

Flux = 121.72 lm Eff. : 110.63 lm/W Fe = 432.40 mW

EEI: 0.07020 A++ Highest

EEC: 110.6 E

### Electrical parameters

V = 12.00 V I = 0.09170 A P = 1.100 W PF = 1.000

Freq=0.00 Hz

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Sample :  
Specification : B015012BB1LZ 6500K  
Sample No. :  
Manufacturer : iPixel LED

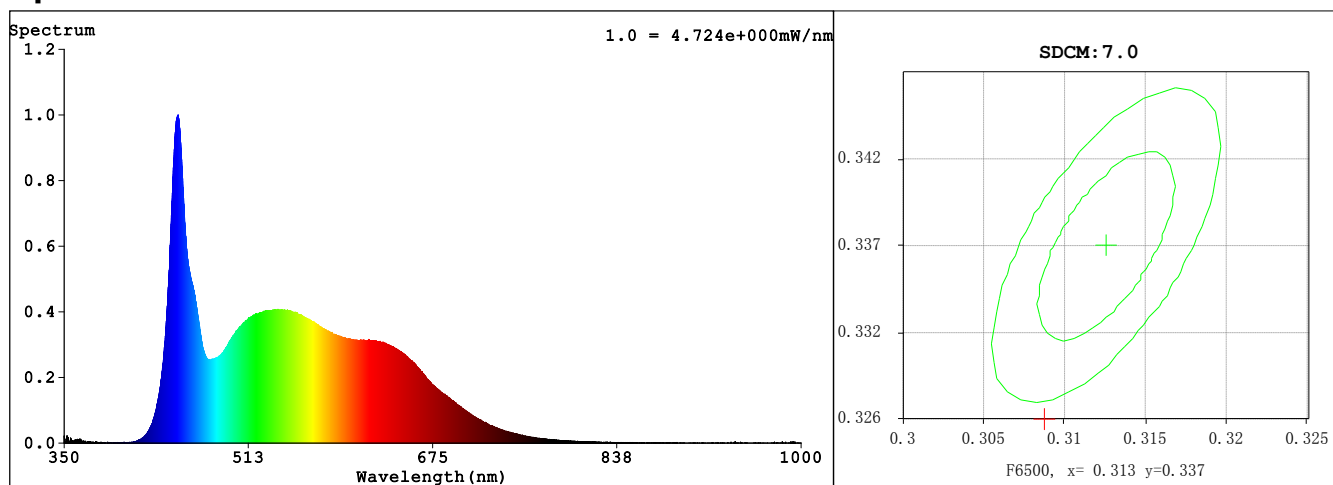
Date : 2025-12-03  
Sam. Status : 268MM  
Instrument : HAAS-2000(EVERFINE)  
Test by : LZN

### Test Condition

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

RH : 65.0%  
IP : 50081 (76%)  
T : 1755 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate: x = 0.3092 y = 0.3240 / u' = 0.1973 v' = 0.4651 (duv=2.40e-03)

CCT= 6747K Prpc WL: Ld=486.6nm Purity=8.9%

Peak WL: Lp=451nm FWHM: =19.7nm Ratio:R=14.8% G=78.9% B=6.4%

Render Index: Ra = 93.4 TM30:Rf=91 Rg=100

R1 =94 R2 =94 R3 =91 R4 =94 R5 =93 R6 =89 R7 =97

R8 =94 R9 =82 R10=84 R11=93 R12=65 R13=94 R14=95 R15=94

LEVEL:OUT

TLCI Parameters: TLCI = 95.6

### Photometric & Radiometric Parameters

Flux = 124.32 lm Eff. : 109.76 lm/W Fe = 452.34 mW

EEL: 0.07122 A++ Highest

EEC: 109.8 F

### Electrical parameters

V = 12.00 V I = 0.09440 A P = 1.133 W PF = 1.000

Freq=0.00 Hz

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## Spectrum Test Report

Sample :  
Specification : B023012BB1LZ 6500K  
Sample No. :  
Manufacturer : iPixel LED

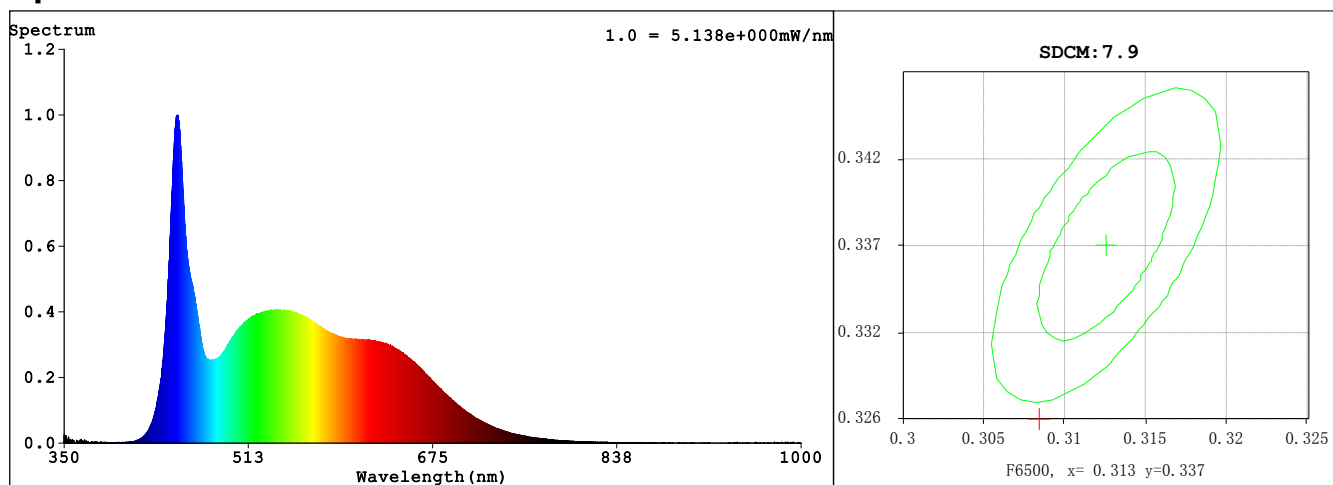
Date : 2025-12-03  
Sam. Status : 252MM  
Instrument : HAAS-2000(EVERFINE)  
Test by : LZN

### Test Condition

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

RH : 65.0%  
IP : 49340 (75%)  
T : 1598 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate: x = 0.3089 y = 0.3224 / u' = 0.1976 v' = 0.4642 (duv=1.76e-03)

CCT= 6780K Prpc WL: Ld=485.8nm Purity=9.1%

Peak WL: Lp=450nm FWHM: =19.9nm Ratio:R=14.8% G=78.8% B=6.3%

Render Index: Ra = 93.4 TM30:Rf=91 Rg=100

R1 =94 R2 =94 R3 =91 R4 =94 R5 =93 R6 =89 R7 =97

R8 =95 R9 =83 R10=84 R11=93 R12=66 R13=95 R14=95 R15=95

LEVEL:OUT

TLCI Parameters: TLCI = 95.5

### Photometric & Radiometric Parameters

Flux = 135.18 lm Eff. : 120.88 lm/W Fe = 493.89 mW

EEL: 0.06635 A++ Highest

EEC: 120.9 E

### Electrical parameters

V = 12.00 V I = 0.09320 A P = 1.118 W PF = 1.000

Freq=0.00 Hz

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Specification : B023012BB1LZ 6500K  
Sample No. :  
Manufacturer : iPixel LED

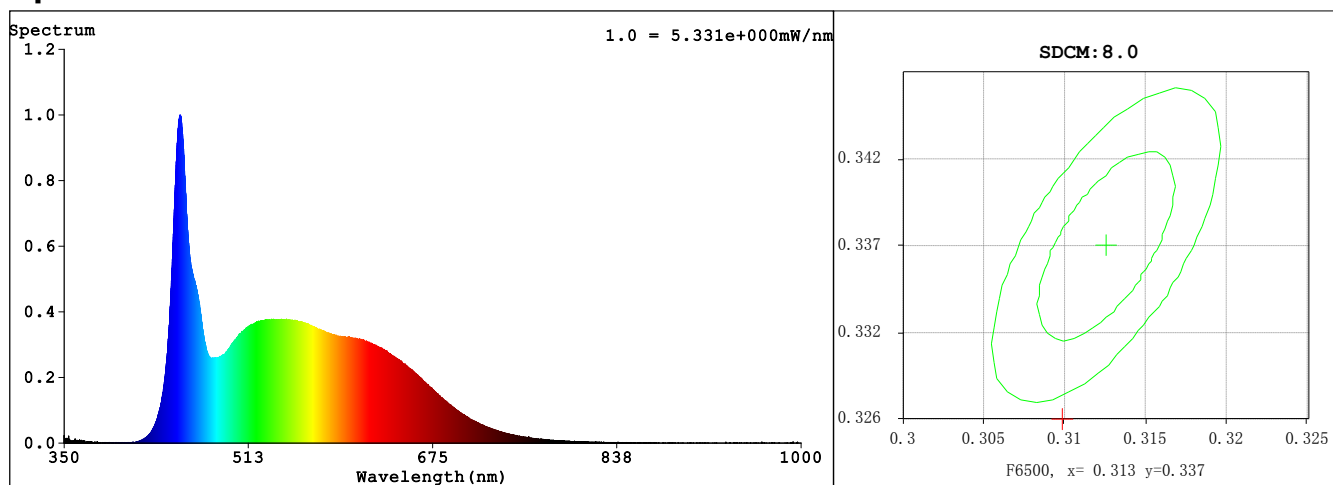
Date : 2025-12-03  
Sam. Status : 252MM  
Instrument : HAAS-2000(EVERFINE)  
Test by : LZN

### Test Condition

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

RH : 65.0%  
IP : 52334 (80%)  
T : 1598 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate: x = 0.3103 y = 0.3231 / u' = 0.1984 v' = 0.4648 (duv=1.36e-03)

CCT= 6690K Prpc WL: Ld=485.8nm Purity=8.6%

Peak WL: Lp=452nm FWHM: =20.0nm Ratio:R=15.0% G=78.3% B=6.7%

Render Index: Ra = 93.5 TM30:Rf=90 Rg=99

R1 =94 R2 =97 R3 =95 R4 =93 R5 =92 R6 =91 R7 =95

R8 =91 R9 =76 R10=90 R11=93 R12=64 R13=96 R14=97 R15=94

LEVEL:OUT

TLCI Parameters: TLCI = 94.0

### Photometric & Radiometric Parameters

Flux = 134.27 lm Eff. : 109.28 lm/W Fe = 483.19 mW

EEL: 0.07324 A++ Highest

EEC: 109.3 F

### Electrical parameters

V = 12.00 V I = 0.1024 A P = 1.229 W PF = 1.000

Freq=0.00 Hz

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