

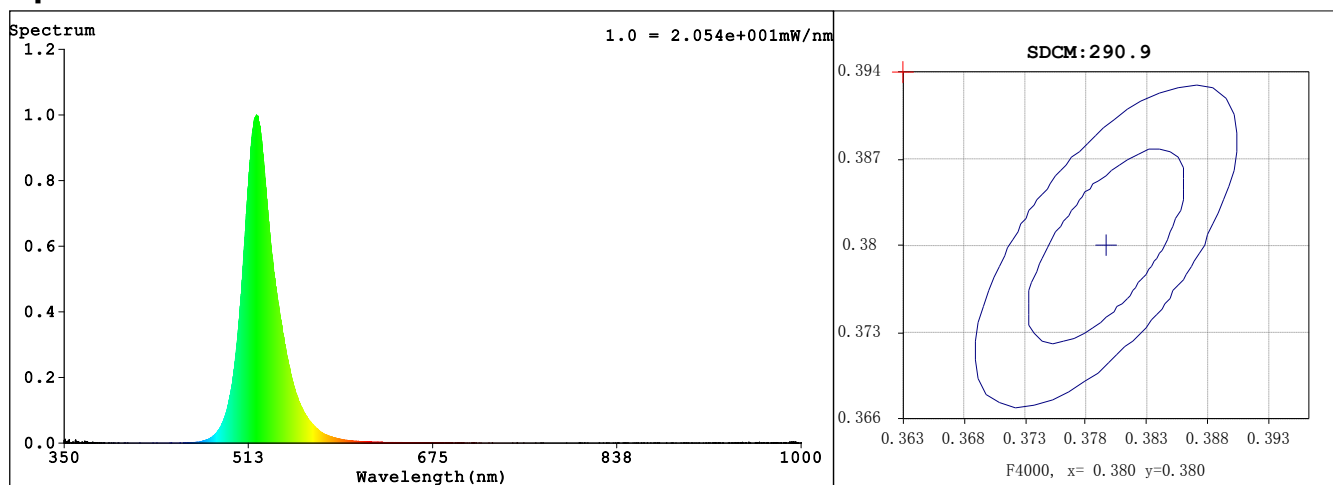
Spectrum Test Report

Sample	:		Date	:	2025-04-11
Specification	:	S012060CB4SA1 G	Sam. Status	:	1M
Sample No.	:	10104-1359-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	50793 (78%)
Test Mode	:	Accuracy Test	T	:	273 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1644$ $y = 0.7370$ / $u' = 0.0571$ $v' = 0.5760$ ($duv=1.60e-01$)

CCT= 7854K Prpc WL: Ld=526.9nm Purity=83.1%

Peak WL: Lp=520nm FWHM: =28.7nm Ratio:R=0.3% G=98.1% B=1.6%

Render Index: Ra = 0.0 TM30:Rf=1 Rg=6

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=34 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 2.6

Photometric & Radiometric Parameters

Flux = 350.95 lm Eff. : 60.80 lm/W Fe = 717.05 mW

EEL: 0.17139 A

EEC: 60.8 G

Electrical parameters

V = 12.00 V I = 0.4811 A P = 5.773 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S012060CB4SA1 R
Sample No. : 10104-1359-00
Manufacturer : iPixel LED

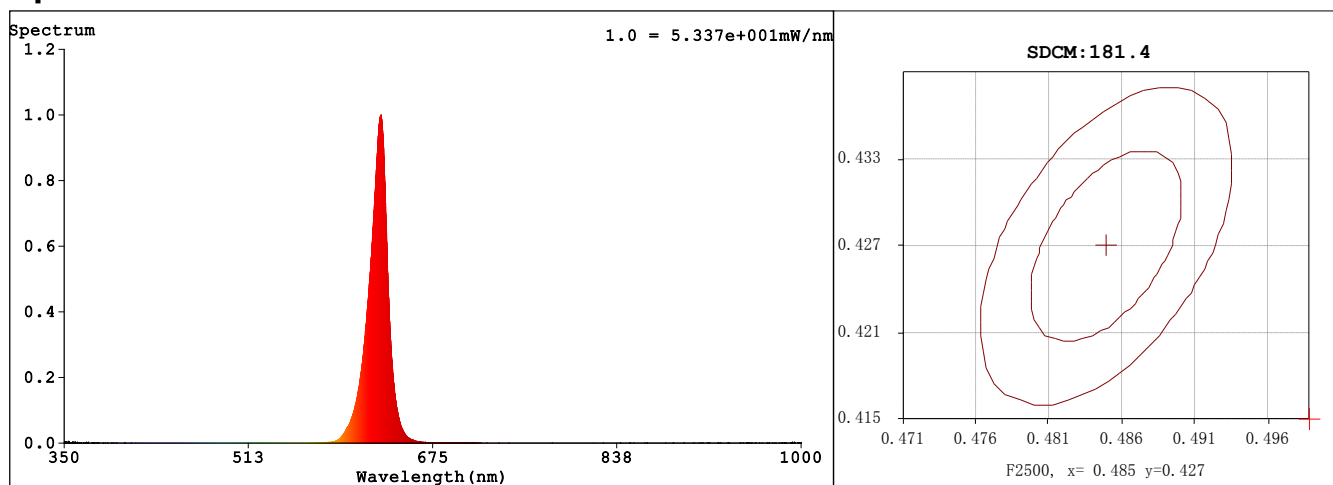
Date : 2025-04-11
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LZN

Test Condition

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

RH	: 65.0%
IP	: 54129 (83%)
T	: 136 ms
Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6930$ $y = 0.3067$ / $u' = 0.5235$ $v' = 0.5214$ ($duv = -7.59e-02$)

CCT= 1001K Prcp WL: Ld=620.8nm Purity=99.9%

Peak WL: Lp=630nm FWHM: =16.1nm Ratio:R=97.0% G=3.0% B=0.0%

Render Index: Ra = 24.5 TM30:Rf=1 Rg=1164044922460357400000000000000000

R1 =3 R2 =77 R3 =26 R4 =0 R5 =0 R6 =89 R7 =0

R8 = 0 R9 = 0 R10=71 R11=0 R12=79 R13=27 R14=57 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 2.0

Photometric & Radiometric Parameters

Flux = 222.59 lm Eff. : 38.58 lm/W Fe = 1.0375 W

EEI: 0.24007 B

EEC: 38.6 G

Electrical parameters

V = 12.00 V I = 0.4809 A P = 5.770 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S012060CB4SA1 B
Sample No. : 10104-1359-00
Manufacturer : iPixel LED

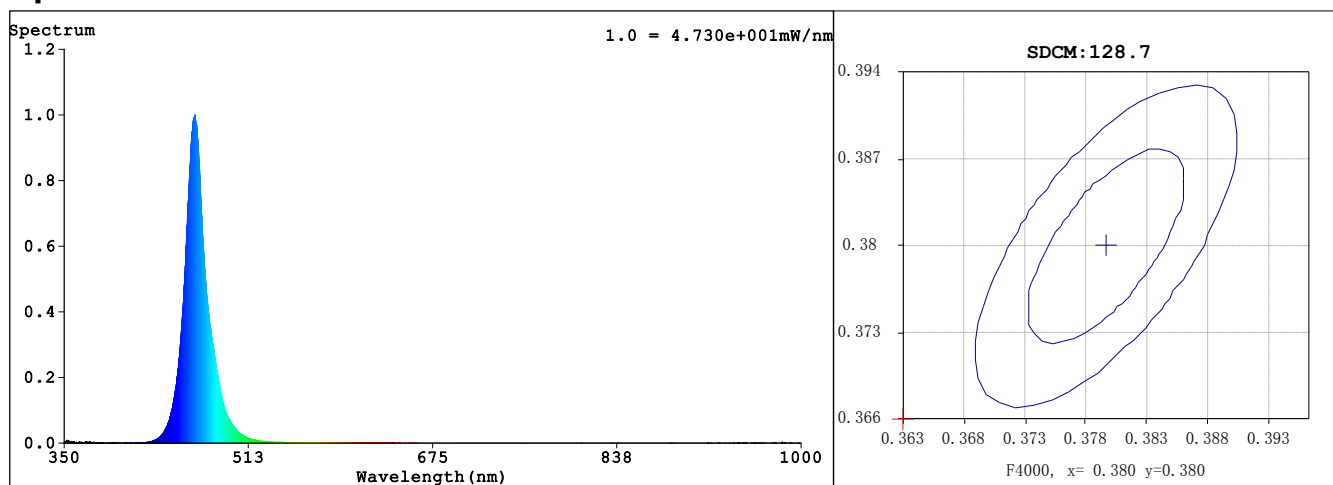
Date : 2025-04-11
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LZN

Test Condition

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

RH : 65.0%
IP : 44264 (68%)
T : 136 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1328$ $y = 0.0630$ / $u' = 0.1521$ $v' = 0.1624$ ($duv = -1.60e-01$)

CCT $\geq 100000K$ Prcp WL: $L_d = 469.2nm$ Purity = 96.9%

Peak WL: $L_p = 466nm$ FWHM: $= 18.5nm$ Ratio: $R = 0.5\%$ $G = 14.8\%$ $B = 84.7\%$

Render Index: $R_a = 0.5$ TM30: $R_f = 0$ $R_g = -84$

R1 = 0 R2 = 0 R3 = 0 R4 = 0 R5 = 4 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 = 0.9

Photometric & Radiometric Parameters

Flux = 78.702 lm Eff. : 13.70 lm/W Fe = 1.1288 W

EEL: 0.49248 B

EEC: 13.7 G

Electrical parameters

V = 12.00 V I = 0.4787 A P = 5.744 W PF = 1.000

Freq = 0.00 Hz

GBT5702

Spectrum Test Report

Sample :
Specification : S012060CB4SA1 6500±400K
Sample No. : 10104-1359-00
Manufacturer : iPixel LED

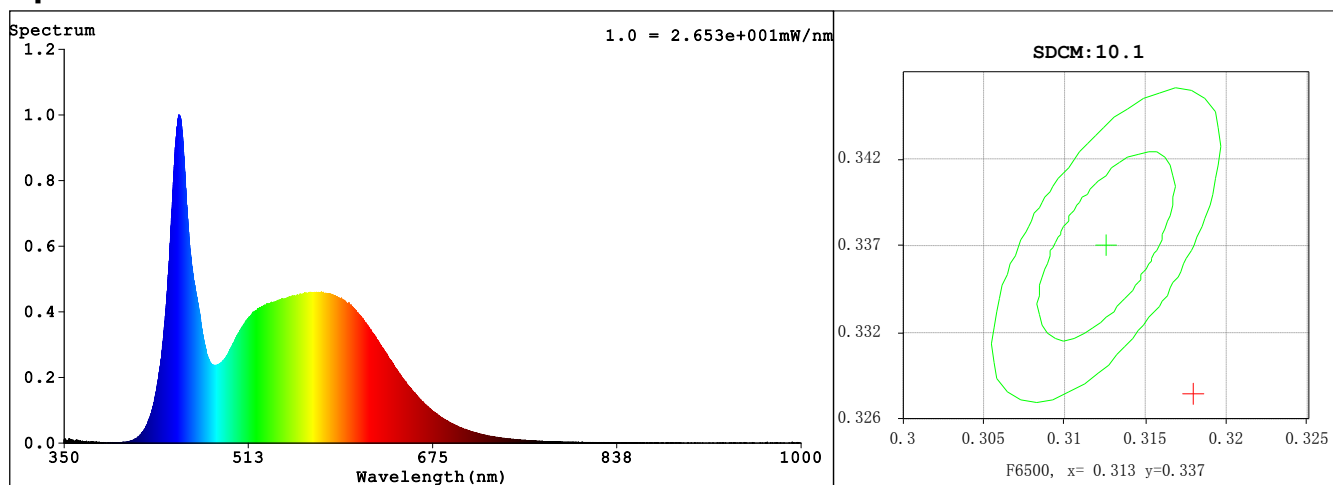
Date : 2025-04-11
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LZN

Test Condition

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

RH : 65.0%
IP : 49655 (76%)
T : 304 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.3184 y = 0.3278 / u' = 0.2022 v' = 0.4685 (duv=-2.47e-04)

CCT= 6206K Prcp WL: Ld=486.9nm Purity=5.5%

Peak WL: Lp=451nm FWHM: =22.6nm Ratio:R=14.3% G=80.1% B=5.6%

Render Index: Ra = 85.1 TM30:Rf=84 Rg=96

R1 =84 R2 =90 R3 =92 R4 =85 R5 =85 R6 =84 R7 =88

R8 =72 R9 =18 R10=74 R11=85 R12=61 R13=86 R14=96 R15=81

LEVEL:OUT

TLCI Parameters: TLCI = 71.8

Photometric & Radiometric Parameters

Flux = 792.96 lm Eff. : 71.88 lm/W Fe = 2.5900 W

EEL: 0.17336 A

EEC: 71.9 G

Electrical parameters

V = 12.00 V I = 0.9194 A P = 11.03 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

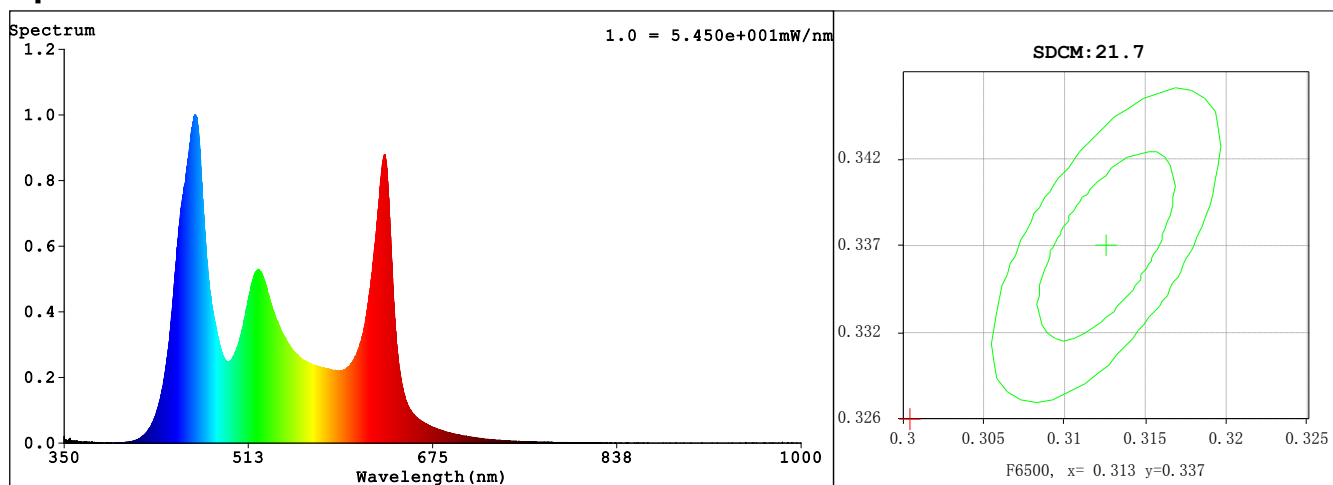
Spectrum Test Report

Sample	:		Date	:	2025-04-11
Specification	:	S012060CB4SA1 Mixed	Sam. Status	:	1M
Sample No.	:	10104-1359-01	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	LZN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	46606 (71%)
Test Mode	:	Accuracy Test	T	:	124 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3009$ $y = 0.2965$ / $u' = 0.2020$ $v' = 0.4480$ ($duv = -7.78e-03$)

CCT= 7751K Prpc WL: Ld=474.3nm Purity=14.6%

Peak WL: Lp=466nm FWHM: =29.8nm Ratio:R=20.4% G=71.0% B=8.6%

Render Index: Ra = 70.7 TM30:Rf=78 Rg=111

R1 =59 R2 =77 R3 =92 R4 =69 R5 =68 R6 =74 R7 =81

R8 =46 R9 =0 R10=54 R11=63 R12=67 R13=62 R14=92 R15=50

LEVEL:OUT

TLCI Parameters: TLCI = 69.1

Photometric & Radiometric Parameters

Flux = 1337.8 lm Eff. : 57.14 lm/W Fe = 5.1147 W

EEI: 0.23840 A

EEC: 57.1 G

Electrical parameters

V = 12.00 V I = 1.951 A P = 23.41 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>