

Spectrum Test Report

Sample :
Specification : S006120BC3PZ B
Sample No. : 10103-0228-00
Manufacturer : iPixel LED

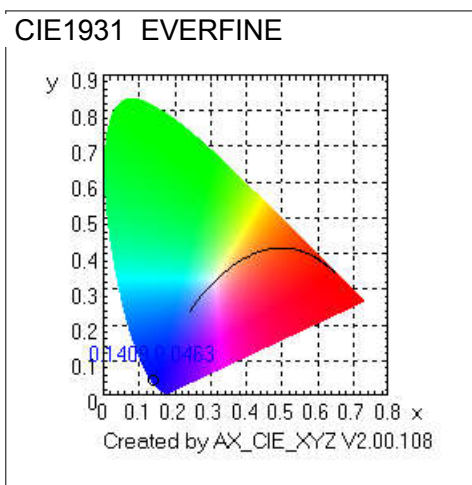
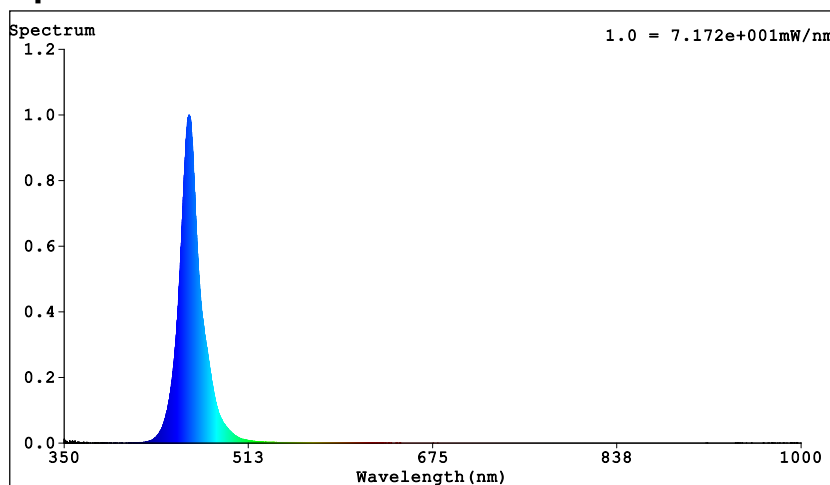
Date : 2026-06-30
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WXX

Test Condition

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

RH : 65.0%
IP : 53287 (81%)
T : 120 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1409$ $y = 0.0463$ / $u' = 0.1722$ $v' = 0.1274$ ($duv = -1.81e-01$)

CCT>=100000K Prcp WL: Ld=464.7nm Purity=97.5%

Peak WL: Lp=460nm FWHM: =17.2nm Ratio:R=0.6% G=12.5% B=86.9%

Render Index: Ra = 0.7 TM30:Rf=0 Rg=62

R1 =0 R2 =0 R3 =0 R4 =0 R5 =6 R6 =0 R7 =0
R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=2

LEVEL:OUT

TLCI Parameters: TLCI = 0.8

Photometric & Radiometric Parameters

Flux = 91.380 lm Eff. : 15.66 lm/W Fe = 1.6174 W

EEL: 0.45278 B

EEC: 15.7 G

Electrical parameters

V = 24.00 V I = 0.2432 A P = 5.836 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S006120BC3PZ R
Sample No. : 10103-0228-00
Manufacturer : iPixel LED

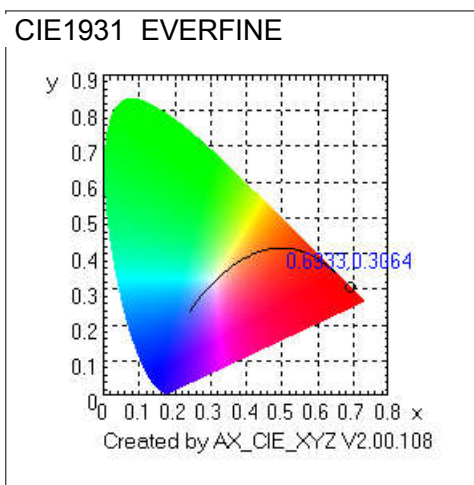
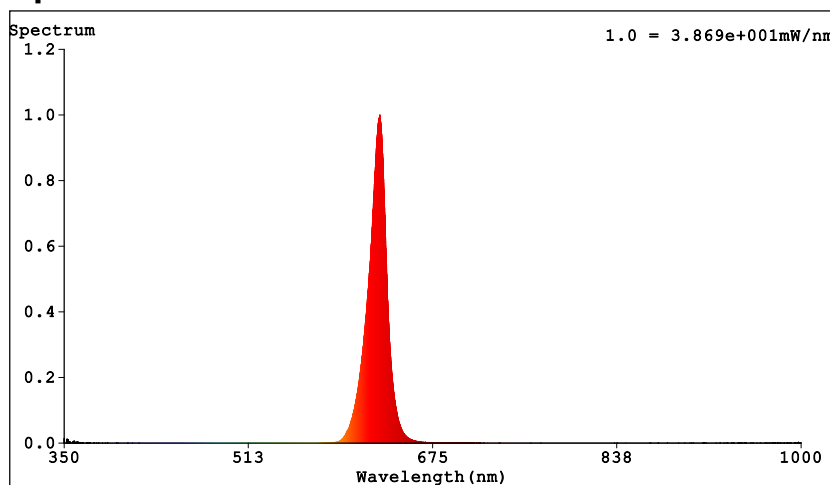
Date : 2026-06-30
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WXX

Test Condition

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

RH : 65.0%
IP : 53456 (82%)
T : 194 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6933$ $y = 0.3064$ / $u' = 0.5242$ $v' = 0.5213$ ($duv = -7.66e-02$)

CCT= 1001K Prcp WL: Ld=621.0nm Purity=99.9%

Peak WL: Lp=628nm FWHM: =15.9nm Ratio:R=98.3% G=1.7% B=0.0%

Render Index: Ra = 23.9 TM30:Rf=1 Rg=0

R1 =1 R2 =77 R3 =23 R4 =0 R5 =0 R6 =90 R7 =0

R8 =0 R9 =0 R10=71 R11=0 R12=79 R13=27 R14=55 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 1.7

Photometric & Radiometric Parameters

Flux = 160.78 lm Eff. : 34.27 lm/W Fe = 740.40 mW

EEL: 0.24646 B

EEC: 34.3 G

Electrical parameters

V = 24.00 V I = 0.1955 A P = 4.692 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

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Spectrum Test Report

Sample :
Specification : S006120BC3PZ G
Sample No. : 10103-0228-00
Manufacturer : iPixel LED

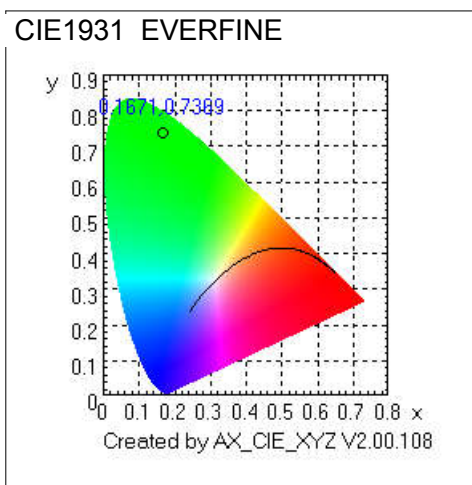
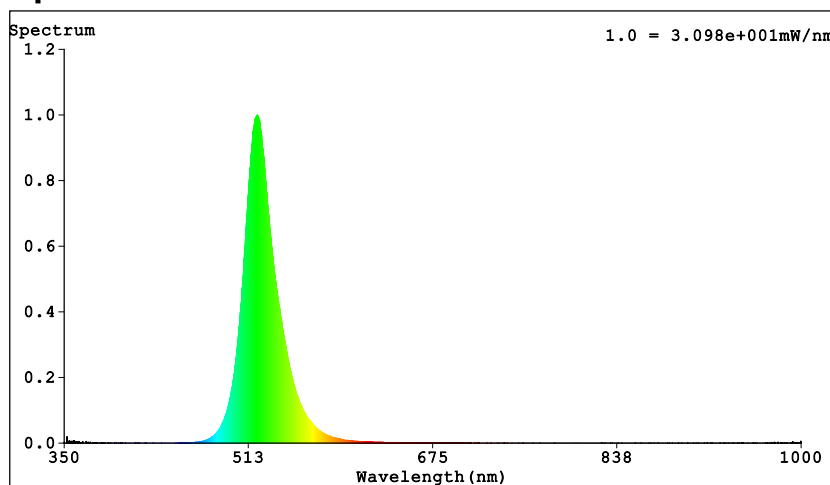
Date : 2026-06-30
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WXX

Test Condition

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

RH : 65.0%
IP : 50104 (76%)
T : 194 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1671$ $y = 0.7369$ / $u' = 0.0581$ $v' = 0.5763$ ($duv=1.60e-01$)

CCT= 7811K Prcp WL: $L_d=527.4nm$ Purity=83.4%

Peak WL: $L_p=520nm$ FWHM: $=28.7nm$ Ratio:R=0.3% G=98.2% B=1.5%

Render Index: $R_a = 0.0$ 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 = 2.7

Photometric & Radiometric Parameters

Flux = 535.16 lm Eff. : 87.94 lm/W $Fe = 1.0842 W$

EEL: 0.13065 A+

EEC: 87.9 F

Electrical parameters

V = 24.00 V I = 0.2536 A P = 6.086 W PF = 1.000

Freq=0.00 Hz

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Spectrum Test Report

Sample :
Specification : S006120BC3PZ Mixed
Sample No. : 10103-0228-00
Manufacturer : iPixel LED

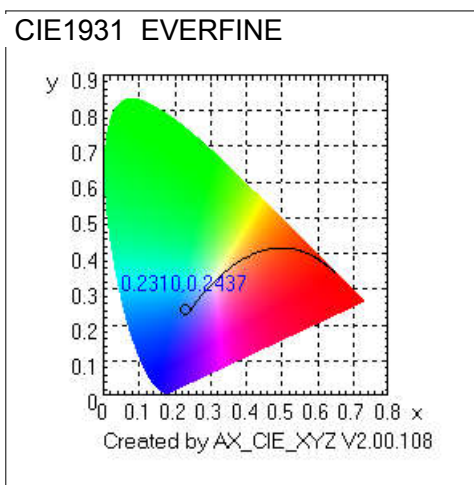
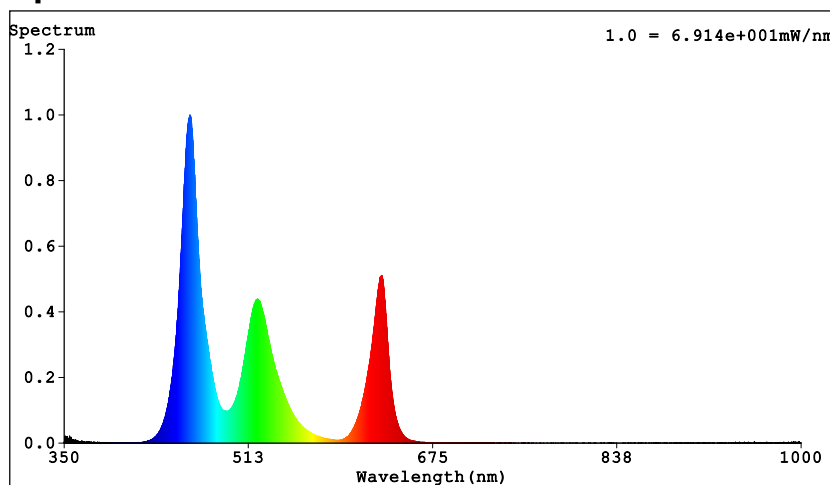
Date : 2026-06-30
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WXX

Test Condition

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

RH : 65.0%
IP : 41703 (64%)
T : 97 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2310$ $y = 0.2437$ / $u' = 0.1691$ $v' = 0.4016$ ($duv=1.16e-02$)

CCT>=100000K Prpc WL: Ld=479.2nm Purity=42.8%

Peak WL: Lp=461nm FWHM: =17.9nm Ratio:R=18.9% G=69.6% B=11.6%

Render Index: Ra = 64.5 TM30:Rf=60 Rg=112

R1 =52 R2 =75 R3 =80 R4 =70 R5 =72 R6 =75 R7 =67

R8 =24 R9 =0 R10=44 R11=55 R12=60 R13=53 R14=84 R15=32

LEVEL:OUT

TLCI Parameters: TLCI = 21.1

Photometric & Radiometric Parameters

Flux = 766.48 lm Eff. : 46.02 lm/W Fe = 3.3851 W

EEL: 0.26901 B

EEC: 46.0 G

Electrical parameters

V = 24.00 V I = 0.6941 A P = 16.66 W PF = 1.000

Freq=0.00 Hz

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