

Spectrum Test Report

Sample :
Specification : S012240DC3PZ R
Sample No. : 10103-0159-00
Manufacturer : iPixel LED

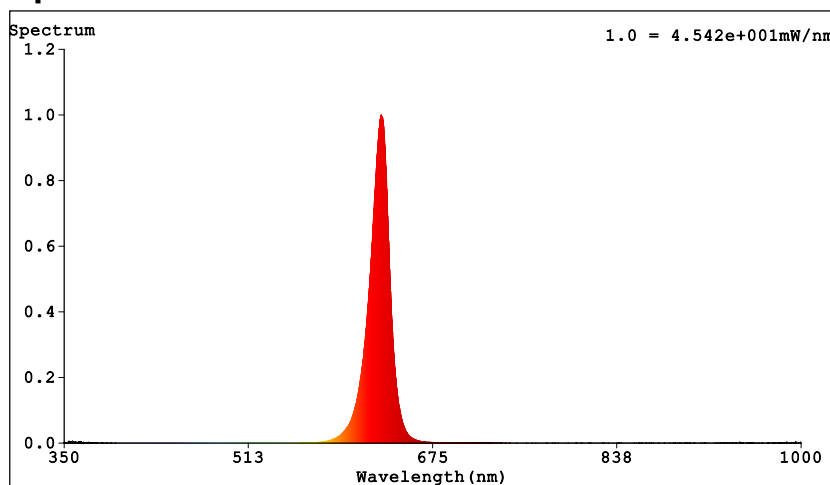
Date : 2025-03-04
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WANGHUALAN

Test Condition

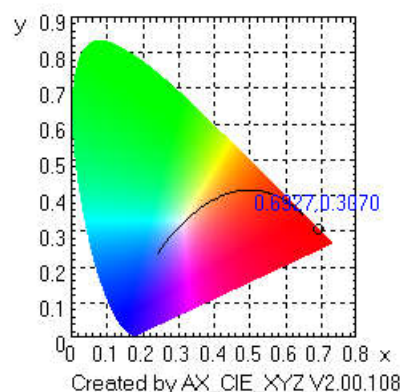
Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Accuracy Test

RH : 65.0%
IP : 49764 (76%)
T : 132 ms
Sensitivity : High

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6927$ $y = 0.3070$ / $u' = 0.5230$ $v' = 0.5215$ ($duv = -7.54e-02$)

CCT= 1001K Prcp WL: $L_d = 620.7nm$ Purity=100.0%

Peak WL: $L_p = 630nm$ FWHM: $= 17.8nm$ Ratio: R=95.4% G=4.6% B=0.0%

Render Index: $R_a = 26.8$ TM30: $R_f = 1$ $R_g = 0$

R1 = 7 R2 = 78 R3 = 31 R4 = 0 R5 = 2 R6 = 89 R7 = 7
R8 = 0 R9 = 0 R10 = 71 R11 = 0 R12 = 79 R13 = 30 R14 = 60 R15 = 0

LEVEL:OUT

TLCI Parameters: TLCI = 4.3

Photometric & Radiometric Parameters

Flux = 201.70 lm Eff. : 21.82 lm/W Fe = 969.78 mW

EEL: 0.41302 B

EEC: 21.8 G

Electrical parameters

V = 24.00 V I = 0.3852 A P = 9.244 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S012240DC3PZ G
Sample No. : 10103-0159-00
Manufacturer : iPixel LED

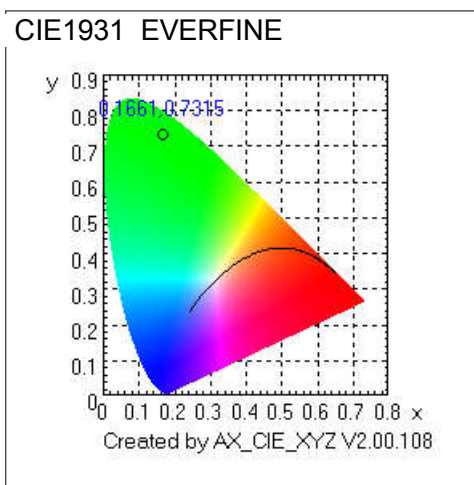
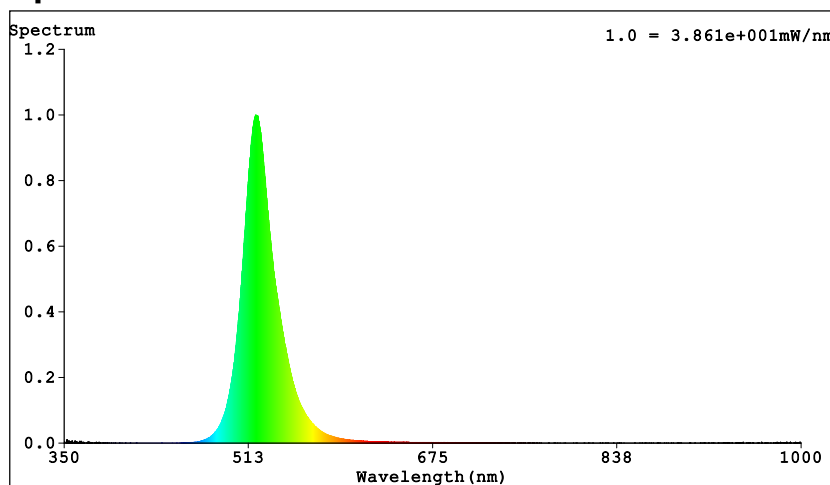
Date : 2025-03-04
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WANGHUALAN

Test Condition

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

RH : 65.0%
IP : 51894 (79%)
T : 132 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1661$ $y = 0.7315$ / $u' = 0.0580$ $v' = 0.5752$ ($duv=1.59e-01$)

CCT= 7852K Prcp WL: $L_d=526.8nm$ Purity=81.9%

Peak WL: $L_p=519nm$ FWHM: $=29.2nm$ Ratio:R=0.4% G=97.8% B=1.8%

Render Index: $R_a = 0.0$ TM30:Rf=1 Rg=7

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=36 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 3.1

Photometric & Radiometric Parameters

Flux = 669.42 lm Eff. : 61.25 lm/W Fe = 1.3822 W

EEL: 0.19667 A

EEC: 61.3 G

Electrical parameters

V = 24.00 V I = 0.4554 A P = 10.93 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

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Spectrum Test Report

Sample :
Specification : S012240DC3PZ B
Sample No. : 10103-0159-00
Manufacturer : iPixel LED

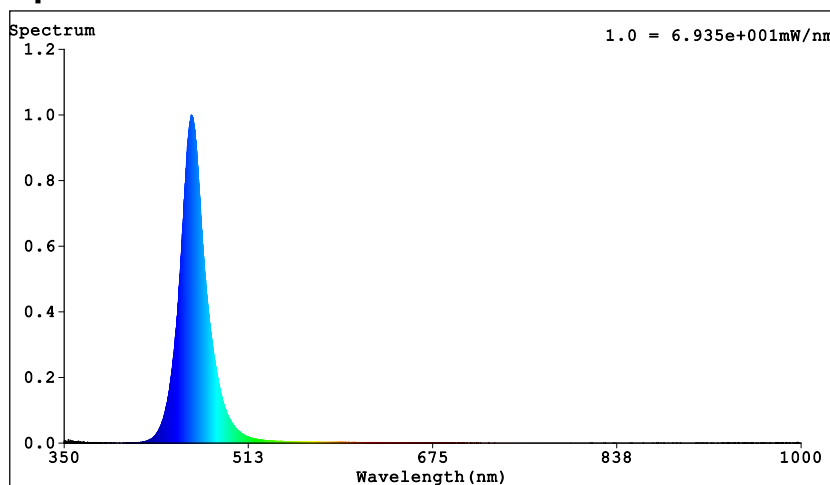
Date : 2025-03-04
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WANGHUALAN

Test Condition

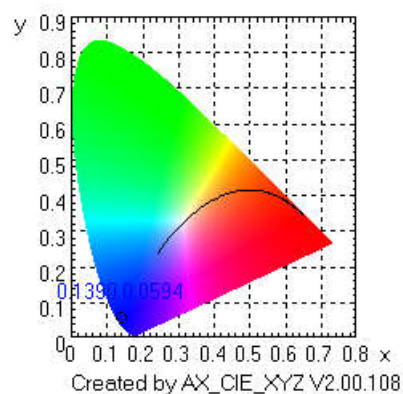
Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Accuracy Test

RH : 65.0%
IP : 50996 (78%)
T : 96 ms
Sensitivity : High

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1390$ $y = 0.0594$ / $u' = 0.1619$ $v' = 0.1557$ ($duv = -1.63e-01$)

CCT>=100000K Prcp WL: Ld=467.4nm Purity=95.8%

Peak WL: Lp=462nm FWHM: =22.6nm Ratio:R=1.2% G=20.2% B=78.5%

Render Index: Ra = 2.0 TM30:Rf=0 Rg=-206

R1 =1 R2 =0 R3 =0 R4 =0 R5 =16 R6 =0 R7 =0
R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=11

LEVEL:OUT

TLCI Parameters: TLCI = 1.6

Photometric & Radiometric Parameters

Flux = 132.44 lm Eff. : 12.58 lm/W Fe = 1.9406 W

EEL: 0.63356 C

EEC: 12.6 G

Electrical parameters

V = 24.00 V I = 0.4387 A P = 10.53 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

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Spectrum Test Report

Sample :
Specification : S012240DC3PZ Mixed
Sample No. : 10103-0159-00
Manufacturer : iPixel LED

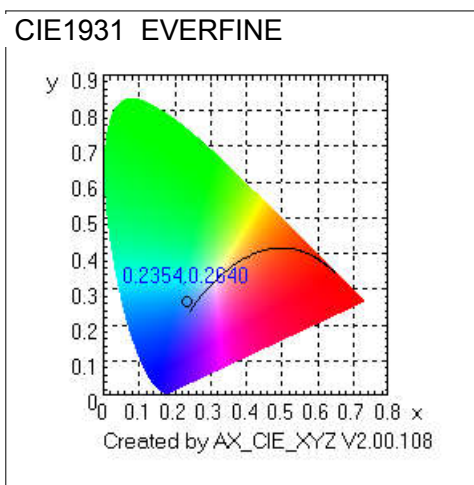
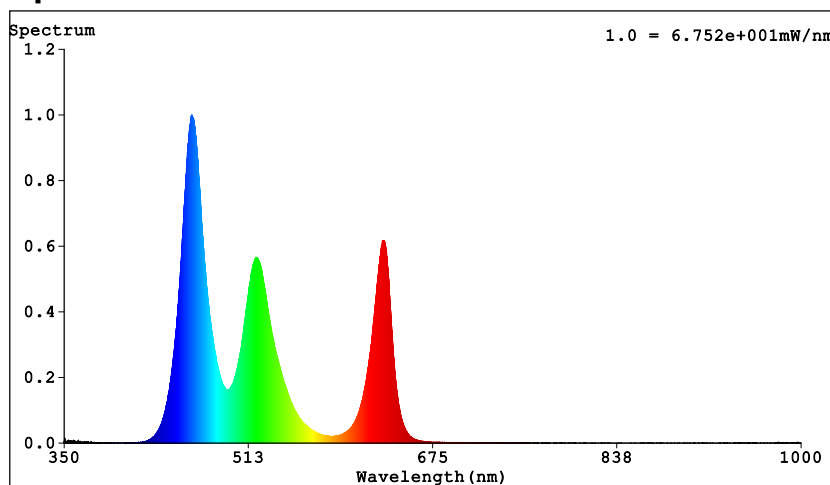
Date : 2025-03-04
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WANGHUALAN

Test Condition

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

RH : 65.0%
IP : 49738 (76%)
T : 96 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2354$ $y = 0.2640$ / $u' = 0.1653$ $v' = 0.4170$ ($duv=1.80e-02$)

CCT= 27920K Prcp WL: $L_d=481.9nm$ Purity=39.1%

Peak WL: $L_p=463nm$ FWHM: $=22.9nm$ Ratio:R=18.2% G=69.9% B=11.9%

Render Index: $R_a = 63.5$ TM30:Rf=58 Rg=108

R1 =55 R2 =73 R3 =78 R4 =72 R5 =73 R6 =71 R7 =64

R8 =22 R9 =0 R10=37 R11=60 R12=66 R13=54 R14=84 R15=36

LEVEL:OUT

TLCI Parameters: TLCI = 19.7

Photometric & Radiometric Parameters

Flux = 973.26 lm Eff. : 31.43 lm/W $Fe = 4.1850 W$

EEL: 0.41214 B

EEC: 31.4 G

Electrical parameters

V = 24.00 V I = 1.291 A P = 30.97 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

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