

Spectrum Test Report

Sample :
Specification : S005528ZC1LZ 4000K
Sample No. : 10106-0268-00
Manufacturer : iPixel LED

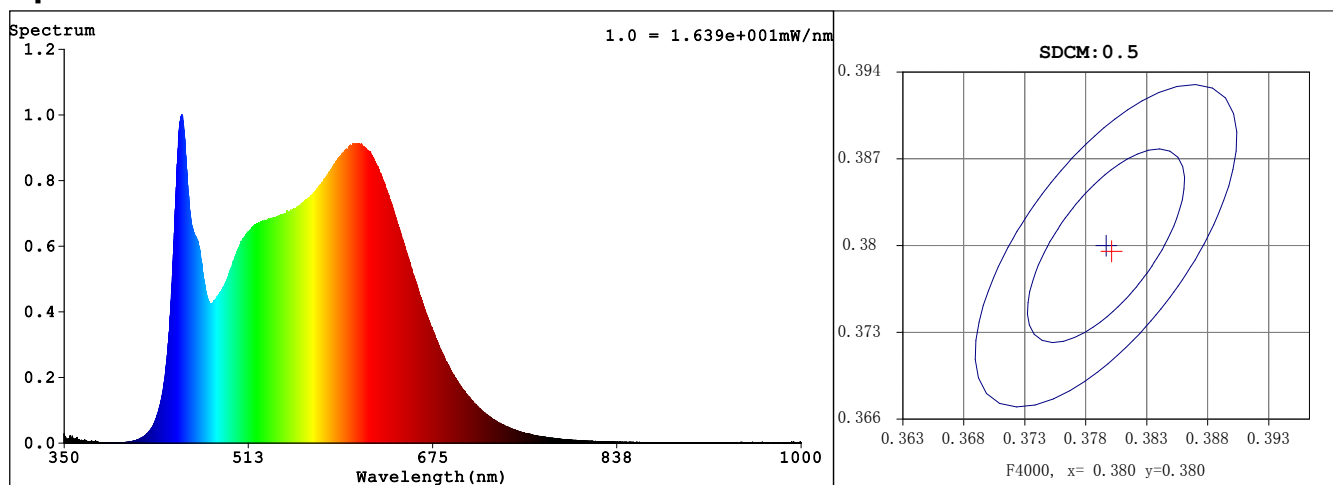
Date : 2023-12-02
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH : 65.0%
IP : 50344 (77%)
T : 336 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3805$ $y = 0.3795$ / $u' = 0.2240$ $v' = 0.5028$ ($duv=1.30e-03$)

CCT= 4019K Prpc WL: $L_d=578.3nm$ Purity=28.1%

Peak WL: $L_p=454nm$ FWHM: $=27.8nm$ Ratio:R=19.8% G=75.5% B=4.7%

Render Index: $R_a = 92.5$ TM30:Rf=90 Rg=96

R1 =94 R2 =99 R3 =97 R4 =91 R5 =93 R6 =96 R7 =90

R8 =80 R9 =54 R10=96 R11=94 R12=73 R13=96 R14=99 R15=89

LEVEL:OUT

TLCI Parameters: TLCI = 87.8

Photometric & Radiometric Parameters

Flux = 875.97 lm Eff. : 95.93 lm/W Fe = 2.8515 W

EEL: 0.13240 A+

EEC: 95.9 F

Electrical parameters

V = 24.00 V I = 0.3805 A P = 9.131 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S005504ZC1LZ(M) 3000±300K
Sample No. : 10106-0324-00
Manufacturer : iPixel LED

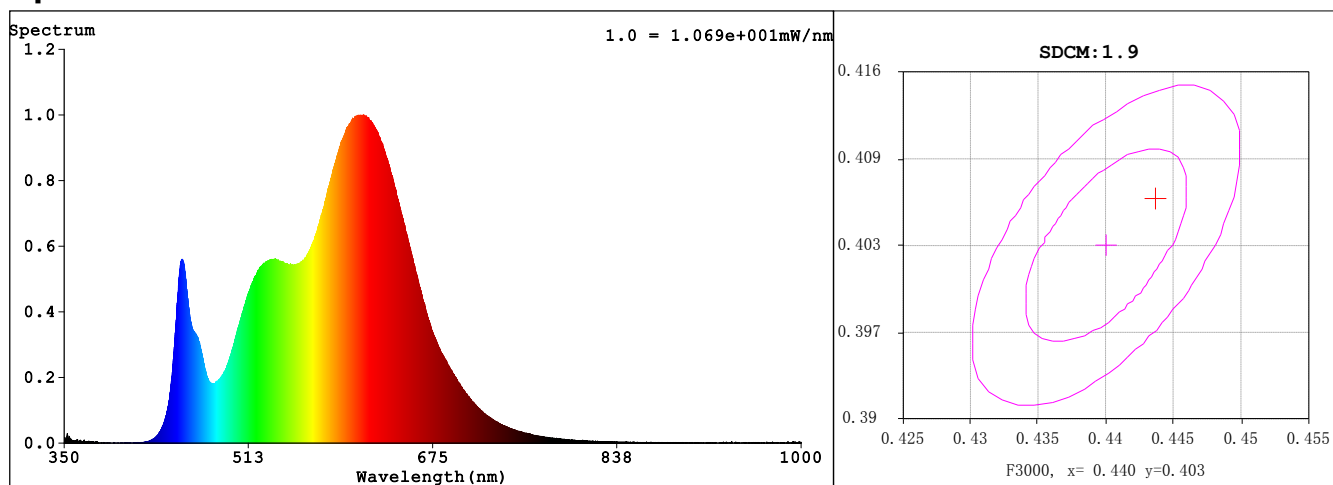
Date : 2025-05-10
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DNJ

Test Condition

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

RH : 65.0%
IP : 53382 (81%)
T : 623 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4436$ $y = 0.4065$ / $u' = 0.2539$ $v' = 0.5233$ ($duv=8.70e-05$)

CCT= 2910K Prcp WL: $L_d=583.2nm$ Purity=55.2%

Peak WL: $L_p=614nm$ FWHM: $=144.0nm$ Ratio: $R=25.2\%$ $G=72.2\%$ $B=2.6\%$

Render Index: $R_a = 91.9$ TM30: $R_f=90$ $R_g=98$

$R_1 = 94$ $R_2 = 98$ $R_3 = 98$ $R_4 = 95$ $R_5 = 94$ $R_6 = 96$ $R_7 = 88$

$R_8 = 73$ $R_9 = 41$ $R_{10} = 94$ $R_{11} = 98$ $R_{12} = 79$ $R_{13} = 96$ $R_{14} = 100$ $R_{15} = 85$

LEVEL:OUT

TLCI Parameters: TLCI = 82.6

Photometric & Radiometric Parameters

Flux = 494.95 lm Eff. : 78.69 lm/W $Fe = 1.5753 W$

EEL: 0.14351 A+

EEC: 78.7 G

Electrical parameters

$V = 24.00 V$ $I = 0.2621 A$ $P = 6.290 W$ PF = 1.000

Freq=0.00 Hz

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iPixel LED

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Spectrum Test Report

Sample :
Specification : S005504ZB1LZ 3000±300K
Sample No. : 10106-0817-00
Manufacturer : iPixel LED

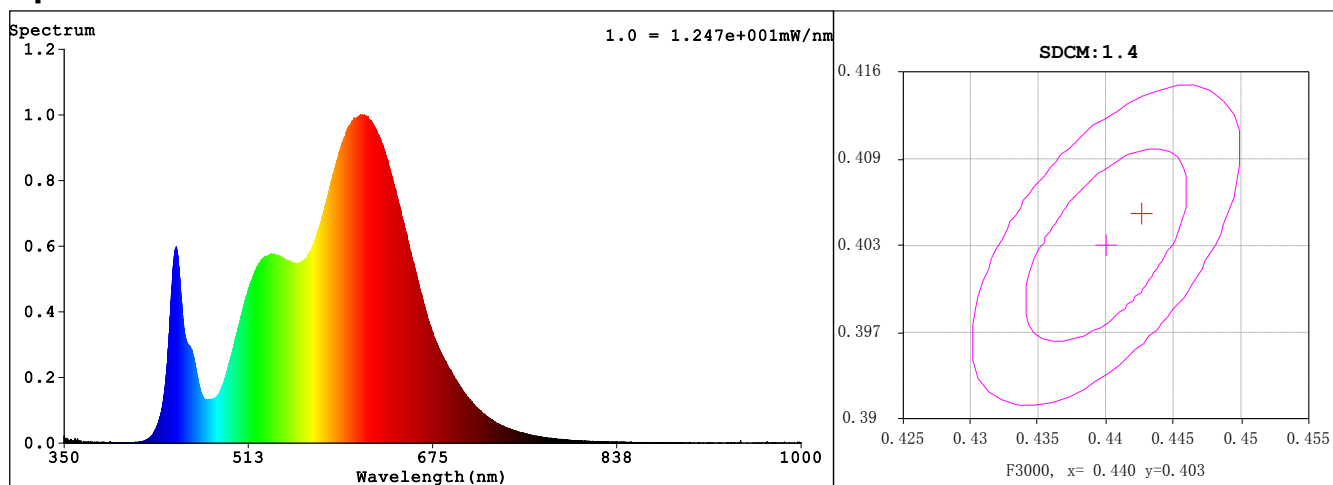
Date : 2025-07-22
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WHL

Test Condition

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

RH : 65.0%
IP : 50882 (78%)
T : 497 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4426$ $y = 0.4054$ / $u' = 0.2537$ $v' = 0.5227$ ($duv = -2.28e-04$)

CCT= 2917K Prpc WL: $L_d = 583.3nm$ Purity=54.5%

Peak WL: $L_p = 615nm$ FWHM: $= 145.8nm$ Ratio: $R = 25.2\%$ $G = 72.6\%$ $B = 2.2\%$

Render Index: $R_a = 92.0$ TM30: $R_f = 90$ $R_g = 101$

$R_1 = 94$ $R_2 = 96$ $R_3 = 97$ $R_4 = 95$ $R_5 = 94$ $R_6 = 96$ $R_7 = 89$

$R_8 = 75$ $R_9 = 42$ $R_{10} = 89$ $R_{11} = 94$ $R_{12} = 81$ $R_{13} = 95$ $R_{14} = 97$ $R_{15} = 86$

LEVEL:OUT

TLCI Parameters: $TLCI = 78.0$

Photometric & Radiometric Parameters

Flux = 576.54 lm Eff. : 92.90 lm/W $Fe = 1.8261 W$

EEI: 0.12567 A+

EEC: 92.9 F

Electrical parameters

$V = 12.00 V$ $I = 0.5172 A$ $P = 6.206 W$ $PF = 1.000$

Freq=0.00 Hz

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iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S005320ZA1LZ 4000±300K
Sample No. : 10106-0320-00
Manufacturer : iPixel LED

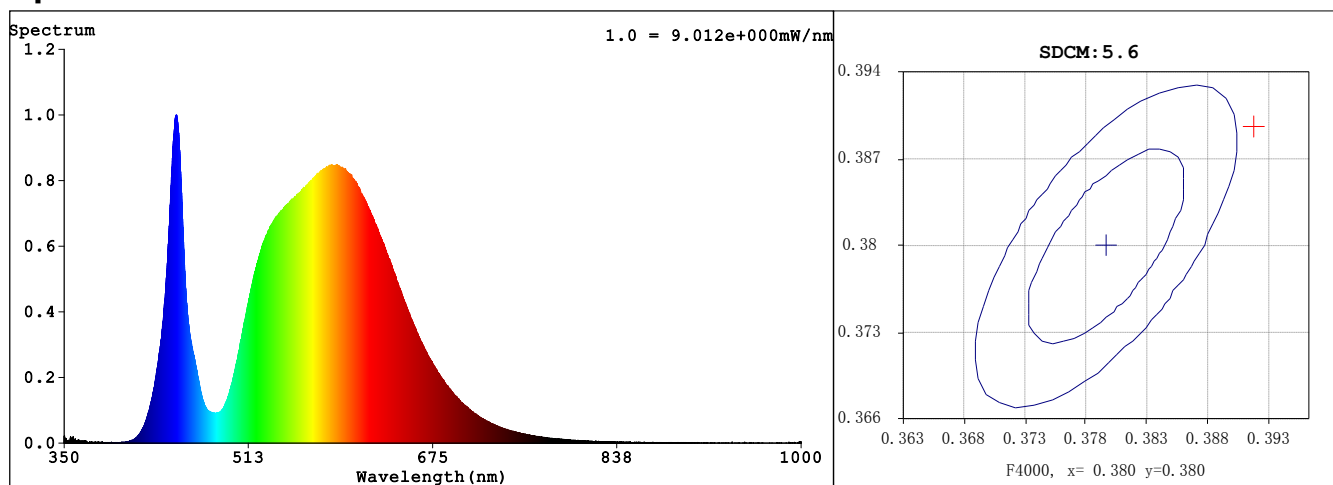
Date : 2026-03-03
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LZN

Test Condition

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

RH : 65.0%
IP : 51768 (79%)
T : 796 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3921$ $y = 0.3898$ / $u' = 0.2275$ $v' = 0.5089$ ($duv=2.75e-03$)

CCT= 3798K Prpc WL: $L_d=578.6nm$ Purity=34.7%

Peak WL: $L_p=449nm$ FWHM: =16.6nm Ratio:R=17.8% G=80.1% B=2.0%

Render Index: $R_a = 74.3$ TM30:Rf=77 Rg=96

R1 =73 R2 =79 R3 =84 R4 =75 R5 =71 R6 =70 R7 =83

R8 =59 R9 =0 R10=50 R11=71 R12=41 R13=73 R14=91 R15=67

LEVEL:OUT

TLCI Parameters: TLCI = 52.2

Photometric & Radiometric Parameters

Flux = 440.03 lm Eff. : 59.46 lm/W $Fe = 1.2918 W$

EEL: 0.18492 A

EEC: 59.5 G

Electrical parameters

V = 4.999 V I = 1.480 A P = 7.401 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S003480ZB1LZ 4000±300K
Sample No. :
Manufacturer : iPixel LED

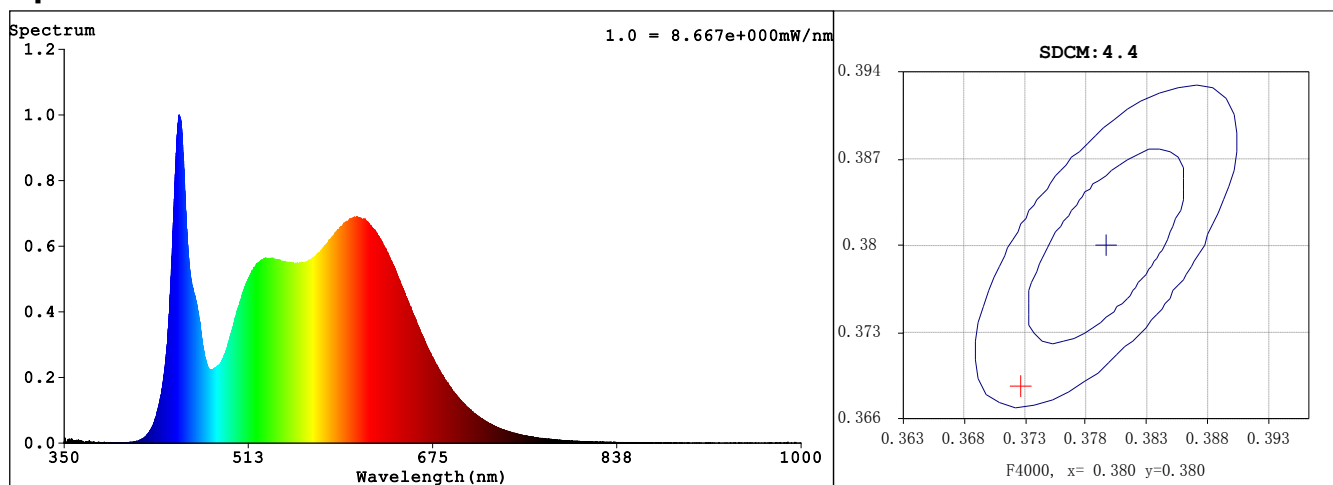
Date : 2026-03-17
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LZN

Test Condition

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

RH : 65.0%
IP : 53233 (81%)
T : 1050 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.3730 y = 0.3685 / u' = 0.2235 v' = 0.4968 (duv=-1.68e-03)

CCT= 4149K Prpc WL: Ld=579.6nm Purity=22.5%

Peak WL: Lp=451nm FWHM: =17.7nm Ratio:R=19.7% G=76.3% B=4.0%

Render Index: Ra = 93.0 TM30:Rf=90 Rg=100

R1 =95 R2 =96 R3 =95 R4 =95 R5 =94 R6 =93 R7 =93

R8 =84 R9 =58 R10=89 R11=95 R12=69 R13=96 R14=97 R15=91

LEVEL:OUT

TLCI Parameters: TLCI = 86.8

Photometric & Radiometric Parameters

Flux = 352.77 lm Eff. : 70.96 lm/W Fe = 1.1532 W

EEL: 0.14702 A+

EEC: 71.0 G

Electrical parameters

V = 12.00 V I = 0.4143 A P = 4.971 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>