

Spectrum Test Report

Sample :
Specification : B022320ZB1LZ 2600-2800K
Sample No. : 10201-0212-00
Manufacturer : iPixel LED

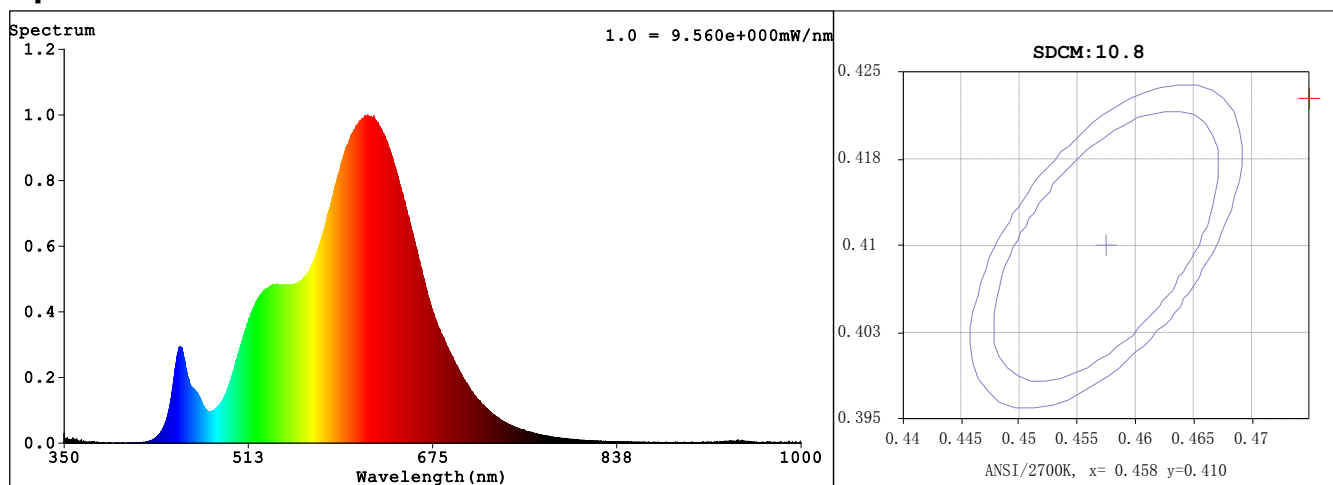
Date : 2024-08-09
Sam. Status : 1021MM
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 42347 (65%)
T : 500 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4787$ $y = 0.4228$ / $u' = 0.2691$ $v' = 0.5347$ ($duv=3.06e-03$)

CCT= 2547K Prcp WL: $L_d=584.1nm$ Purity=70.6%

Peak WL: $L_p=618nm$ FWHM: $=106.7nm$ Ratio:R=28.0% G=70.3% B=1.7%

Render Index: $R_a = 92.4$ TM30:Rf=91 Rg=97

R1 =93 R2 =96 R3 =98 R4 =96 R5 =93 R6 =98 R7 =90

R8 =75 R9 =43 R10=89 R11=98 R12=82 R13=94 R14=98 R15=84

LEVEL:OUT

TLCI Parameters: TLCI = 83.4

Photometric & Radiometric Parameters

Flux = 402.08 lm Eff. : 50.83 lm/W $Fe = 1.3205 W$

EEL: 0.21182 A

EEC: 50.8 G

Electrical parameters

V = 12.00 V I = 0.6593 A P = 7.911 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : B016320ZB1LZ 2600-2800K
Sample No. : 10201-0246-00
Manufacturer : iPixel LED

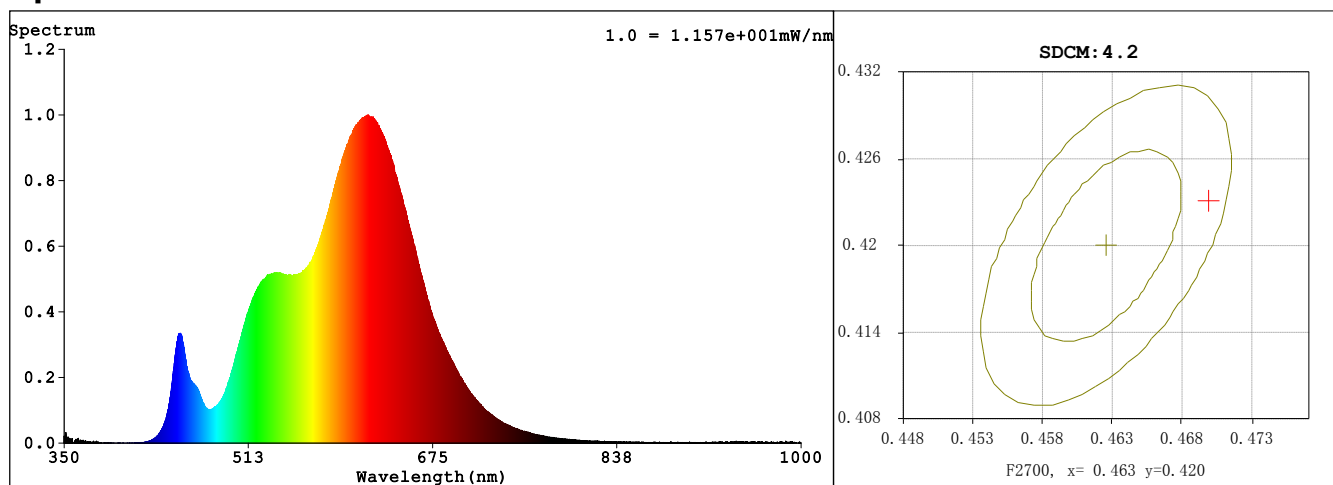
Date : 2024-09-21
Sam. Status : 1195MM
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH : 65.0%
IP : 49670 (76%)
T : 483 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4703 y = 0.4232 / u' = 0.2636 v' = 0.5336 (duv=3.73e-03)

CCT= 2655K Prpc WL: Ld=583.3nm Purity=68.2%

Peak WL: Lp=618nm FWHM: =139.0nm Ratio:R=27.1% G=71.2% B=1.8%

Render Index: Ra = 92.7 TM30:Rf=92 Rg=97

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

R8 =77 R9 =45 R10=88 R11=97 R12=79 R13=95 R14=97 R15=85

LEVEL:OUT

TLCI Parameters: TLCI = 84.3

Photometric & Radiometric Parameters

Flux = 501.94 lm Eff. : 62.07 lm/W Fe = 1.6212 W

EEI: 0.18249 A

EEC: 62.1 G

Electrical parameters

V = 12.00 V I = 0.6739 A P = 8.086 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : B011300ZB1LZ 5500±300K
Sample No. : 10201-0312-00
Manufacturer : iPixel LED

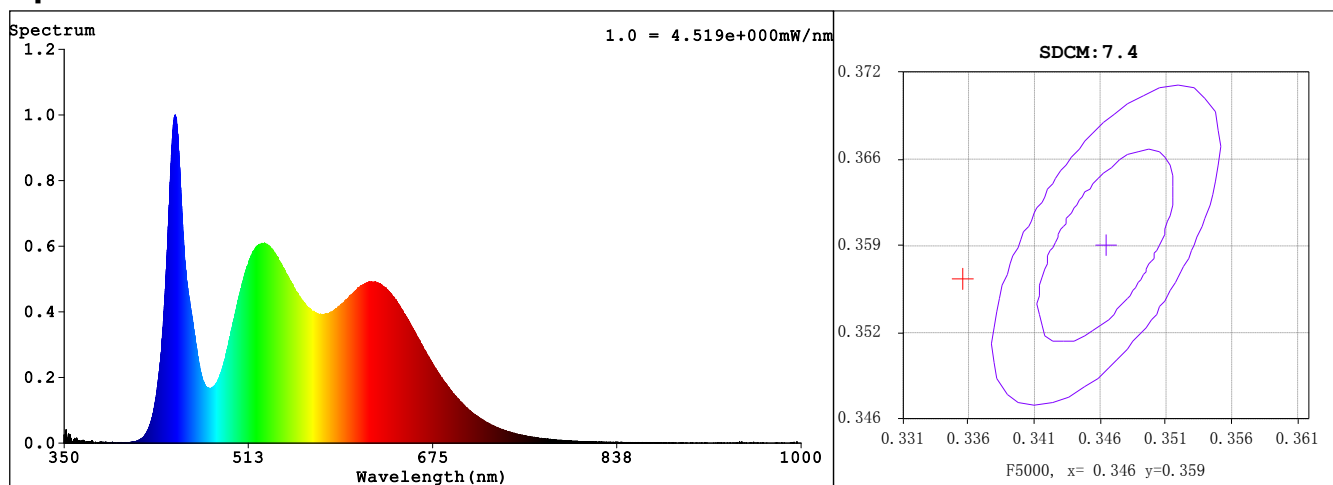
Date : 2025-11-25
Sam. Status : 450×10.9×4.6MM
Instrument : HAAS-2000(EVERFINE)
Test by : DNJ

Test Condition

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

RH : 65.0%
IP : 53046 (81%)
T : 2000 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3351$ $y = 0.3565$ / $u' = 0.2029$ $v' = 0.4856$ ($duv=6.56e-03$)

CCT= 5399K Prpc WL: $L_d=557.7nm$ Purity=7.5%

Peak WL: $L_p=448nm$ FWHM: $=18.2nm$ Ratio:R=17.3% G=78.4% B=4.3%

Render Index: $R_a = 91.6$ TM30:Rf=92 Rg=104

R1 =99 R2 =92 R3 =84 R4 =87 R5 =96 R6 =90 R7 =91

R8 =94 R9 =95 R10=81 R11=83 R12=71 R13=97 R14=91 R15=99

LEVEL:OUT

TLCI Parameters: TLCI = 91.5

Photometric & Radiometric Parameters

Flux = 153.04 lm Eff. : 40.73 lm/W Fe = 526.12 mW

EEL: 0.20434 A

EEC: 40.7 G

Electrical parameters

V = 12.00 V I = 0.3131 A P = 3.757 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : B010130YB1LZ 3000K
Sample No. : 免焊08×09灰色-300MM 成品
Manufacturer : iPixel LED

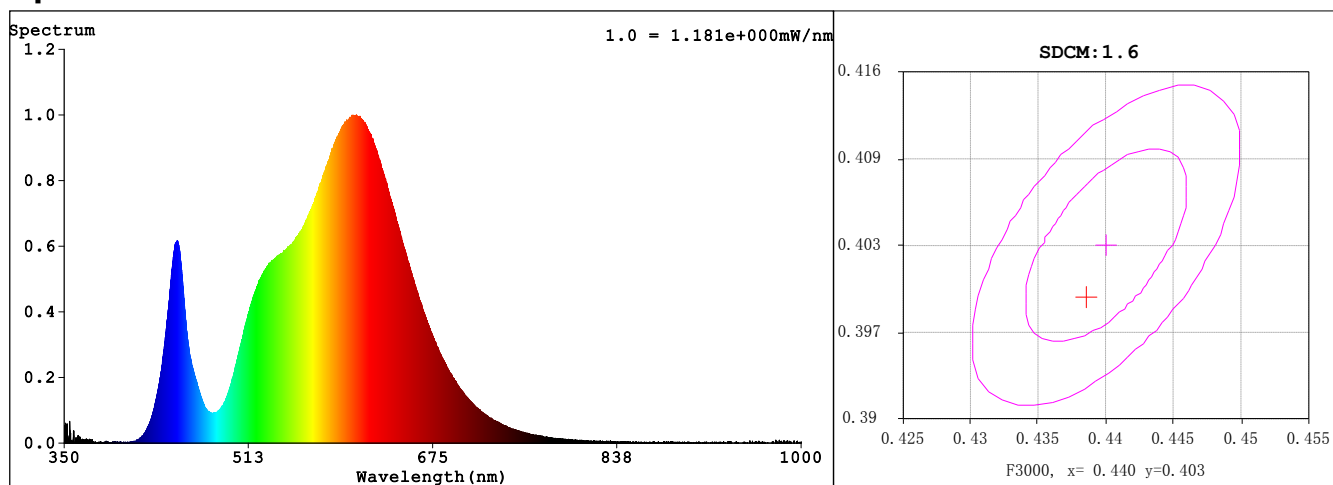
Date : 2026-06-17
Sam. Status : 300MM
Instrument : HAAS-2000(EVERFINE)
Test by : WXX

Test Condition

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

RH : 65.0%
IP : 50643 (77%)
T : 5540 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4386$ $y = 0.3992$ / $u' = 0.2537$ $v' = 0.5197$ ($duv = -2.16e-03$)

CCT= 2933K Prpc WL: $L_d = 583.9\text{nm}$ Purity=51.5%

Peak WL: $L_p = 608\text{nm}$ FWHM: $= 135.2\text{nm}$ Ratio: R=23.6% G=74.6% B=1.8%

Render Index: $R_a = 82.0$ TM30: $R_f = 81$ $R_g = 100$

R1 =82 R2 =88 R3 =93 R4 =82 R5 =81 R6 =85 R7 =84

R8 =61 R9 =10 R10=72 R11=81 R12=64 R13=83 R14=96 R15=75

LEVEL:OUT

TLCI Parameters: TLCI = 59.6

Photometric & Radiometric Parameters

Flux = 56.509 lm Eff. : 25.22 lm/W $F_e = 173.97\text{ mW}$

EEI: 0.23872 A

EEC: 25.2 G

Electrical parameters

V = 12.00 V I = 0.1867 A P = 2.240 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

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