

Spectrum Test Report

Sample :
Specification : S010120BC1DC0 3000±300K
Sample No. : 10105-0625-00
Manufacturer : iPixel LED

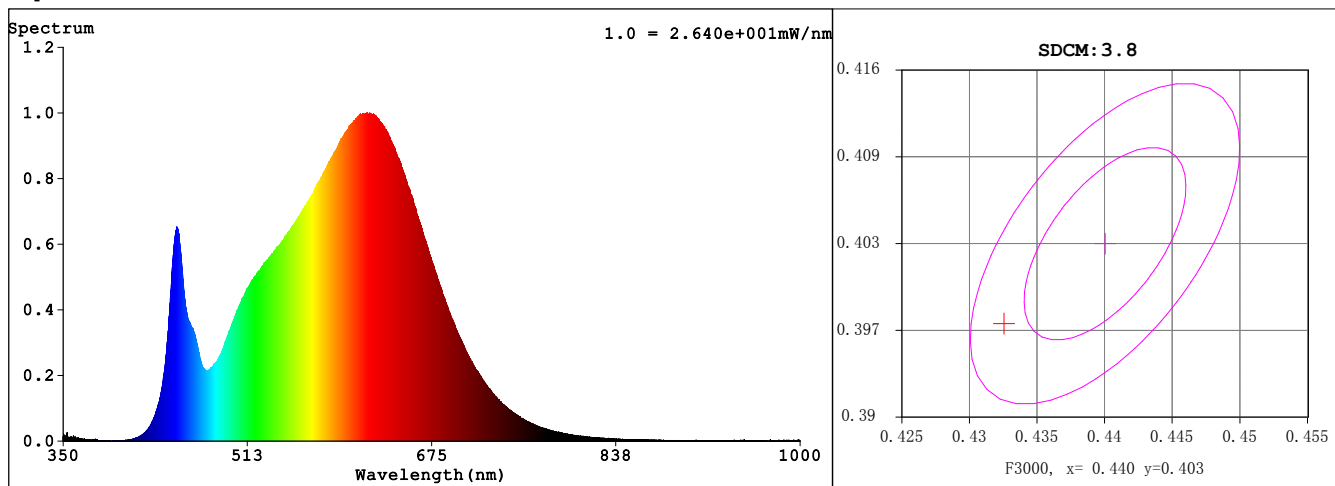
Date : 2024-03-22
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH : 65.0%
IP : 51348 (78%)
T : 213 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4325$ $y = 0.3971$ / $u' = 0.2507$ $v' = 0.5179$ ($duv = -2.20e-03$)

CCT= 3018K Prpc WL: $L_d = 583.6nm$ Purity=49.0%

Peak WL: $L_p = 618nm$ FWHM: $=161.2nm$ Ratio: R=24.1% G=73.1% B=2.9%

Render Index: $R_a = 91.6$ TM30: $R_f = 90$ $R_g = 101$

R1 =92 R2 =96 R3 =98 R4 =91 R5 =92 R6 =94 R7 =91

R8 =80 R9 =55 R10=89 R11=92 R12=80 R13=93 R14=98 R15=88

LEVEL:OUT

TLCI Parameters: TLCI = 88.6

Photometric & Radiometric Parameters

Flux = 1331.4 lm Eff. : 88.26 lm/W $Fe = 4.6233 W$

EEL: 0.15435 A+

EEC: 88.3 F

Electrical parameters

V = 24.00 V I = 0.6286 A P = 15.09 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S020240BC1DC0 4000±300K
Sample No. : 10105-0857-00
Manufacturer : iPixel LED

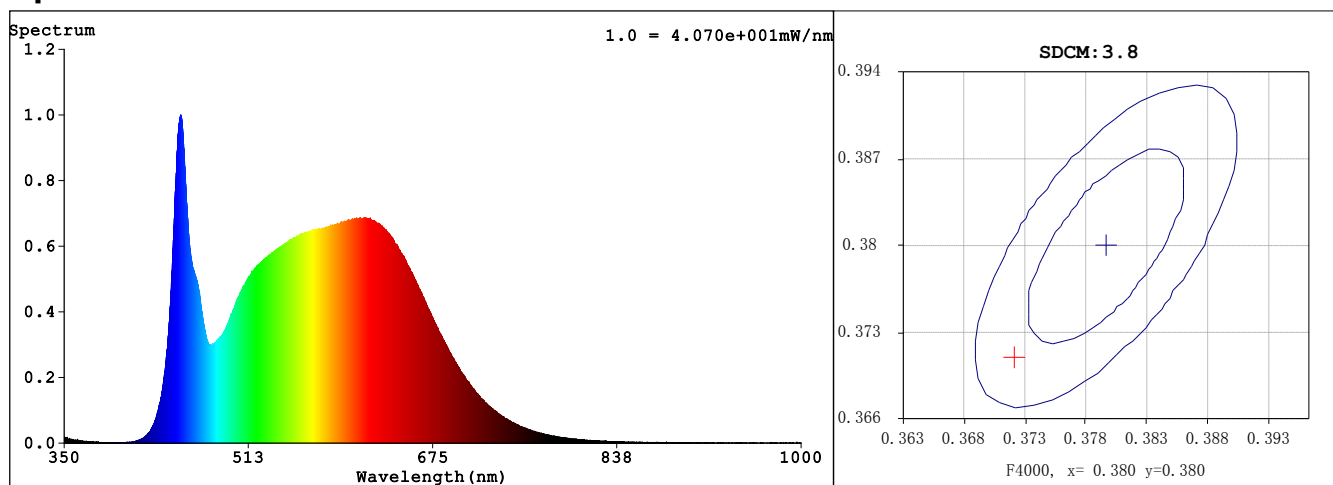
Date : 2025-04-19
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LZN

Test Condition

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

RH : 65.0%
IP : 43972 (67%)
T : 174 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3725$ $y = 0.3709$ / $u' = 0.2222$ $v' = 0.4978$ ($duv = -3.76e-04$)

CCT= 4183K Prcp WL: $L_d = 578.6nm$ Purity=23.1%

Peak WL: $L_p = 453nm$ FWHM: =21.9nm Ratio:R=19.2% G=76.4% B=4.4%

Render Index: $R_a = 92.7$ TM30:Rf=91 Rg=99

R1 =93 R2 =96 R3 =96 R4 =92 R5 =92 R6 =92 R7 =94

R8 =87 R9 =68 R10=89 R11=91 R12=67 R13=94 R14=98 R15=91

LEVEL:OUT

TLCI Parameters: TLCI = 92.5

Photometric & Radiometric Parameters

Flux = 1782.8 lm Eff. : 91.39 lm/W $Fe = 6.1487 W$

EEL: 0.14906 A+

EEC: 91.4 F

Electrical parameters

V = 24.00 V I = 0.8129 A P = 19.51 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

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