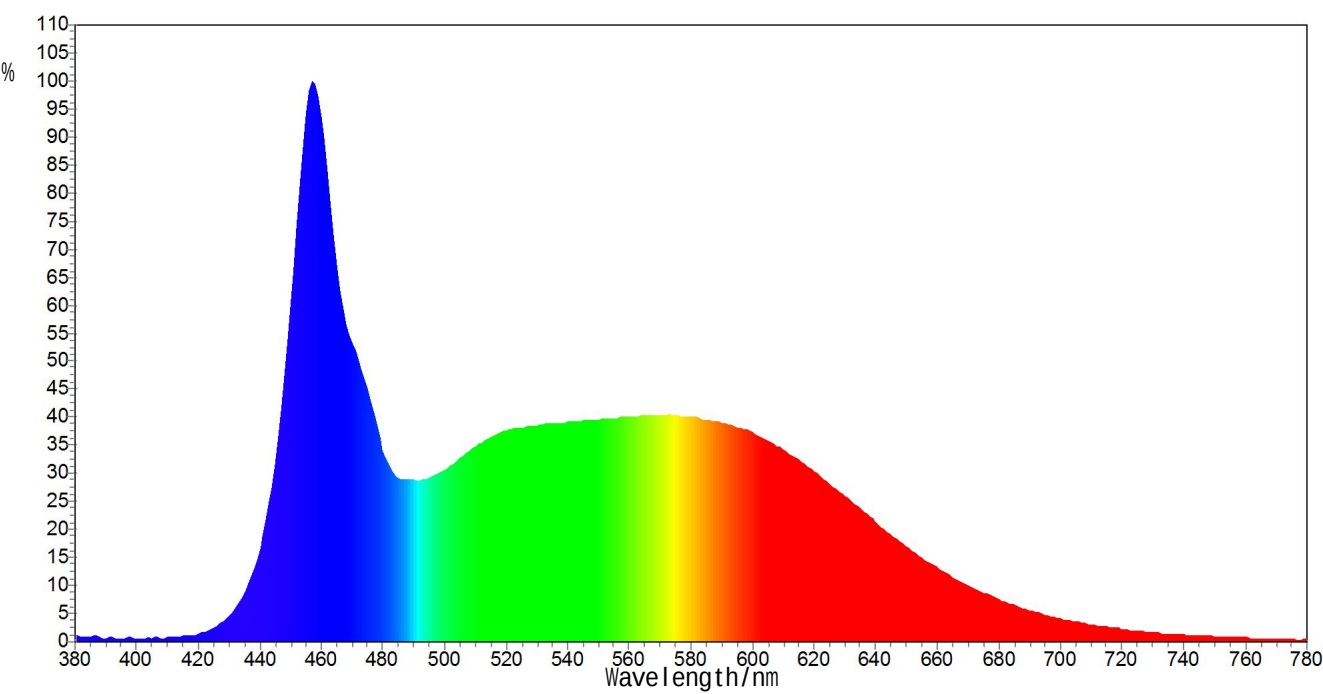
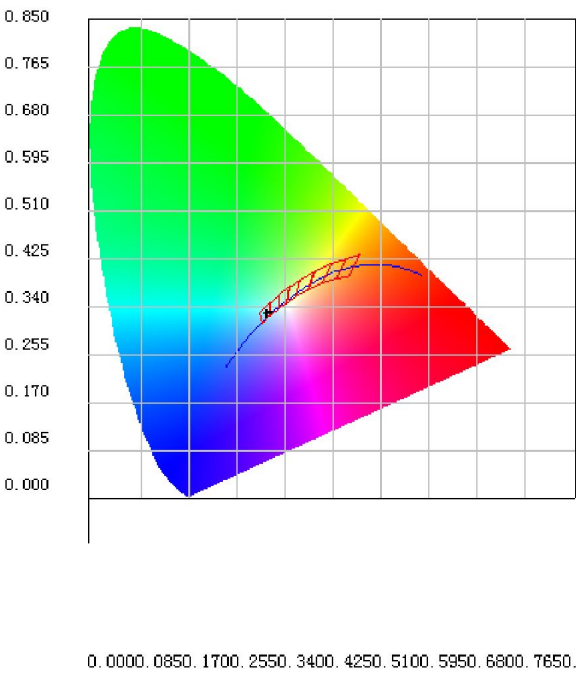


LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.3116 y: 0.3315
u: 0.1961 v: 0.3130
WD: 490.6 nm WP: 458.0 nm
HW: 23.7 nm Purity: 0.075
CCT: 6546 K Ra: 85.2
SDCM : 61.82 DUV : 0.0050
Ratio : R%: 22.5 G%: 42.6 B%: 34.9
Kred 12.12% Kgreen 80.07% Kblue 7.81%
R1: 86.3 R2: 96.5 R3: 93.6
R4: 78.3 R5: 83.5 R6: 89.5
R7: 84.4 R8: 69.9 R9: 22.2
R10: 89.3 R11: 80.9 R12: 51.9
R13: 90.0 R14: 97.1 R15: 80.0
Rf : 0.0 Rg : 0.0



Electrical parameters

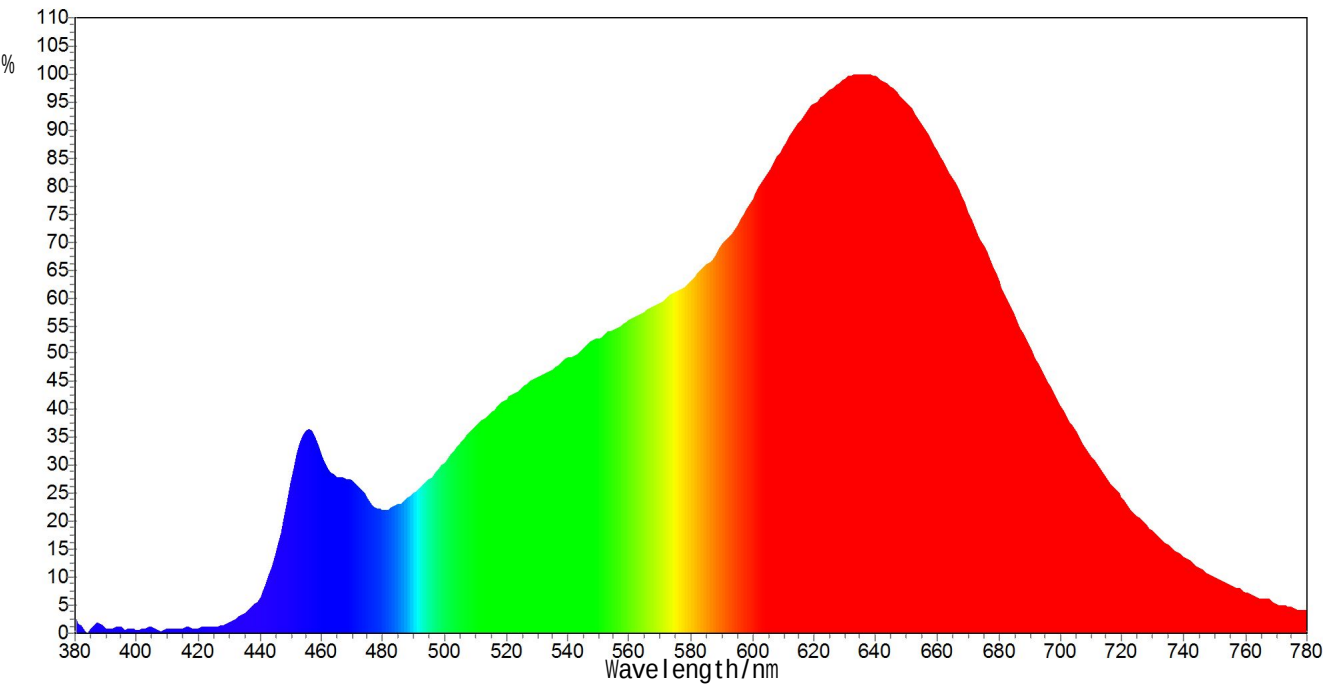
Flux: 569.669 lm E: 23.7 lm/w P: 2040.24 mw
I: 217.8 mA V: 24.00 V P: 5.227 w PF:

Memo:

1M

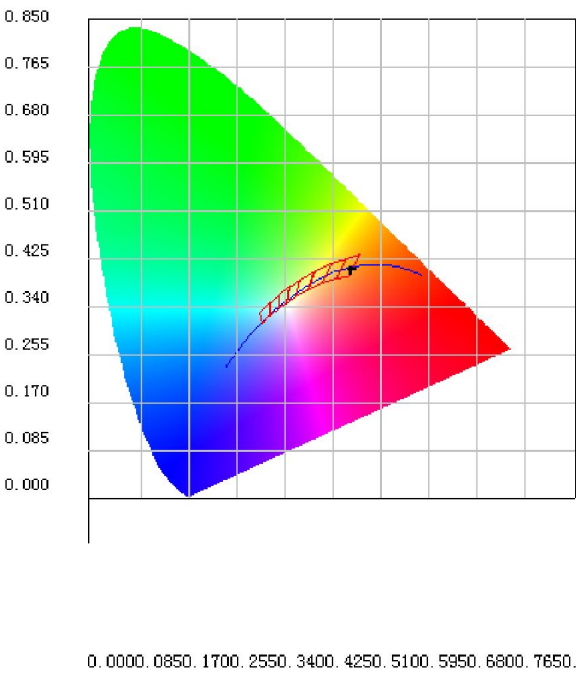
Product Mode:	S010060BC1HZ 6000-6500K	Item No:	51201269
Tester:	liuyuanfen	Date:	2021-6-7
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	iPixel LED LightCo Ltd	organization:	Quality department

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.4580 y: 0.4091
u: 0.2619 v: 0.3510
WD: 584.3 nm WP: 638.0 nm
HW: 148.2 nm Purity: 0.603
CCT: 2713 K Ra: 97.3
SDCM: 4.78 DUV: -0.0004
Ratio: R%: 58.1 G%: 31.9 B%: 10.0
Kred 24.94% Kgreen 71.70% Kblue 3.35%
R1: 97.9 R2: 98.1 R3: 99.2
R4: 98.0 R5: 97.4 R6: 95.1
R7: 96.4 R8: 95.9 R9: 92.4
R10: 97.7 R11: 94.7 R12: 82.9
R13: 97.4 R14: 98.3 R15: 98.3
Rf: 0.0 Rg: 0.0



Electrical parameters

Flux: 1666.429 lm E: 81.163 lm/w P: 6745.81 mw
I: 855.5 mA V: 24.00 V P: 20.532 w PF:

Memo:

1M

Product Mode:	S010240BC1HZ 2600-2800K	Item No:	10101-0470-00
Tester:	DINGNANJUAN	Date:	2023-2-3
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

Spectrum Test Report

Sample :
Specification : S010130BJ1HZ 4000±300K
Sample No. : 10101-0426-00
Manufacturer : iPixel LED

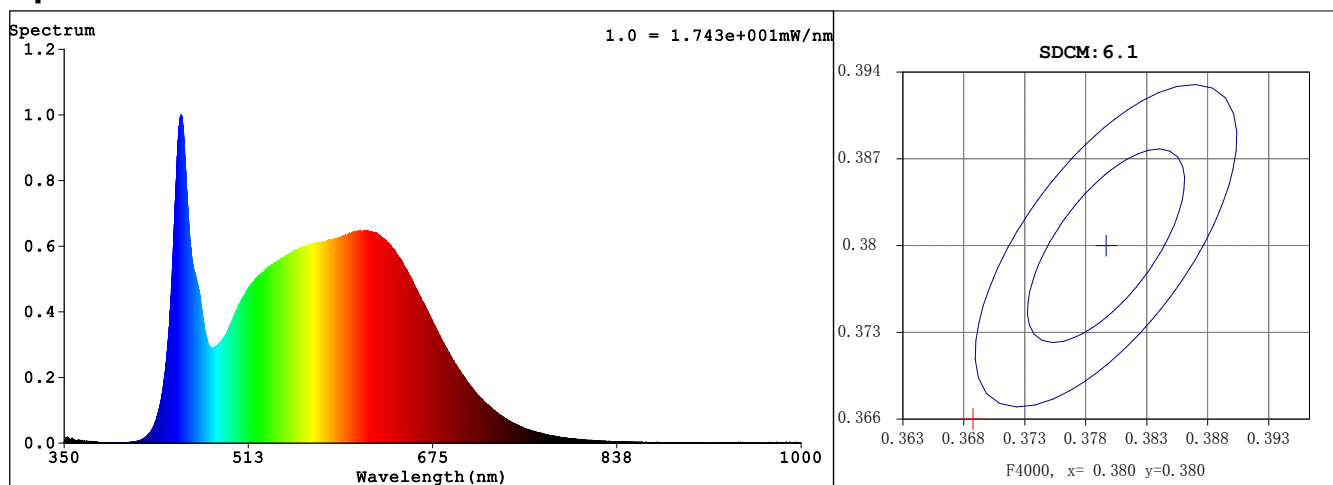
Date : 2024-03-22
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH : 65.0%
IP : 48917 (75%)
T : 403 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3691$ $y = 0.3644$ / $u' = 0.2225$ $v' = 0.4943$ ($duv = -2.41e-03$)

CCT= 4241K Prpc WL: Ld=579.8nm Purity=20.1%

Peak WL: Lp=453nm FWHM: =21.5nm Ratio:R=19.3% G=76.1% B=4.6%

Render Index: Ra = 93.7 TM30:Rf=91 Rg=100

R1 =95 R2 =97 R3 =96 R4 =93 R5 =93 R6 =93 R7 =95

R8 =89 R9 =74 R10=91 R11=92 R12=68 R13=96 R14=98 R15=94

LEVEL:OUT

TLCI Parameters: TLCI = 92.9

Photometric & Radiometric Parameters

Flux = 717.51 lm Eff. : 22999.18 lm/W Fe = 2.5175 W

EEL: 0.00053 A++ Highest

EEC: 22999.2 A

Electrical parameters

V = 24.00 V I = 0.001300 A P = 0.03120 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S010150BJ1HZ 3000±300K
Sample No. : 10101-0386-00
Manufacturer : iPixel LED

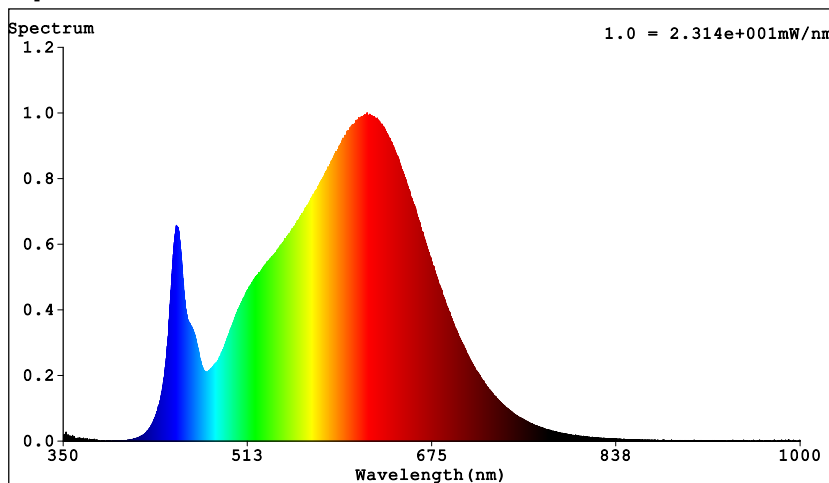
Date : 2024-03-25
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

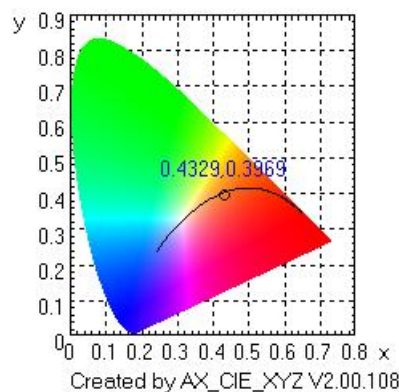
Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Accuracy Test

RH : 65.0%
IP : 44876 (68%)
T : 214 ms
Sensitivity : High

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4329$ $y = 0.3969$ / $u' = 0.2511$ $v' = 0.5179$ ($duv = -2.36e-03$)

CCT= 3009K Prcp WL: $L_d = 583.7nm$ Purity=49.0%

Peak WL: $L_p = 618nm$ FWHM: $= 160.2nm$ Ratio: $R = 24.2\%$ $G = 73.0\%$ $B = 2.9\%$

Render Index: $R_a = 91.8$ TM30: $R_f = 90$ $R_g = 101$

$R_1 = 92$ $R_2 = 96$ $R_3 = 98$ $R_4 = 91$ $R_5 = 92$ $R_6 = 94$ $R_7 = 91$

$R_8 = 80$ $R_9 = 56$ $R_{10} = 90$ $R_{11} = 92$ $R_{12} = 80$ $R_{13} = 93$ $R_{14} = 98$ $R_{15} = 88$

LEVEL:OUT

TLCI Parameters: TLCI = 88.8

Photometric & Radiometric Parameters

Flux = 1155.0 lm Eff. : 37023.00 lm/W $\Phi_e = 4.0156 W$

EEL: 0.00036 A++ Highest

EEC: 37023.0 A

Electrical parameters

$V = 24.00 V$ $I = 0.001300 A$ $P = 0.03120 W$ PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S012120BC1HZ 3000K
Sample No. : 11701-0068-00
Manufacturer : iPixel LED

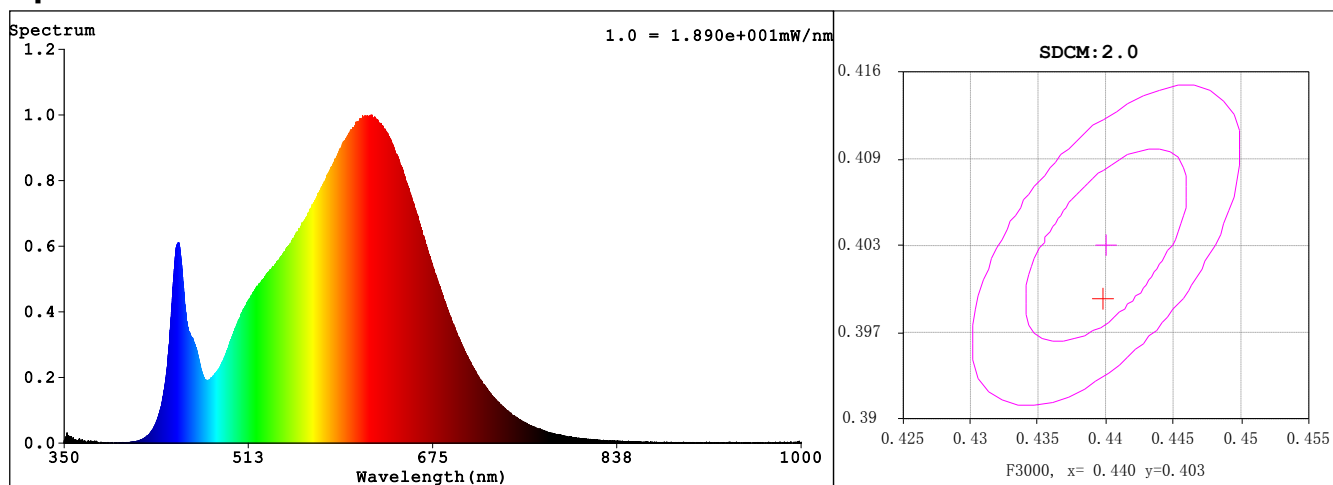
Date : 2024-10-09
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 40733 (62%)
T : 236 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4398$ $y = 0.3991$ / $u' = 0.2546$ $v' = 0.5198$ ($duv = -2.36e-03$)

CCT= 2912K Prpc WL: $L_d = 584.1nm$ Purity=51.8%

Peak WL: $L_p = 621nm$ FWHM: $= 152.9nm$ Ratio: $R = 24.7\%$ $G = 72.6\%$ $B = 2.7\%$

Render Index: $R_a = 91.1$ TM30: $R_f = 90$ $R_g = 101$

$R_1 = 91$ $R_2 = 96$ $R_3 = 98$ $R_4 = 91$ $R_5 = 91$ $R_6 = 94$ $R_7 = 90$

$R_8 = 78$ $R_9 = 52$ $R_{10} = 89$ $R_{11} = 91$ $R_{12} = 81$ $R_{13} = 92$ $R_{14} = 99$ $R_{15} = 87$

LEVEL:OUT

TLCI Parameters: $TLCI = 87.1$

Photometric & Radiometric Parameters

Flux = 922.86 lm Eff. : 91.36 lm/W $Fe = 3.1999 W$

EEI: 0.14038 A+

EEC: 91.4 F

Electrical parameters

$V = 24.00 V$ $I = 0.4209 A$ $P = 10.10 W$ $PF = 1.000$

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>