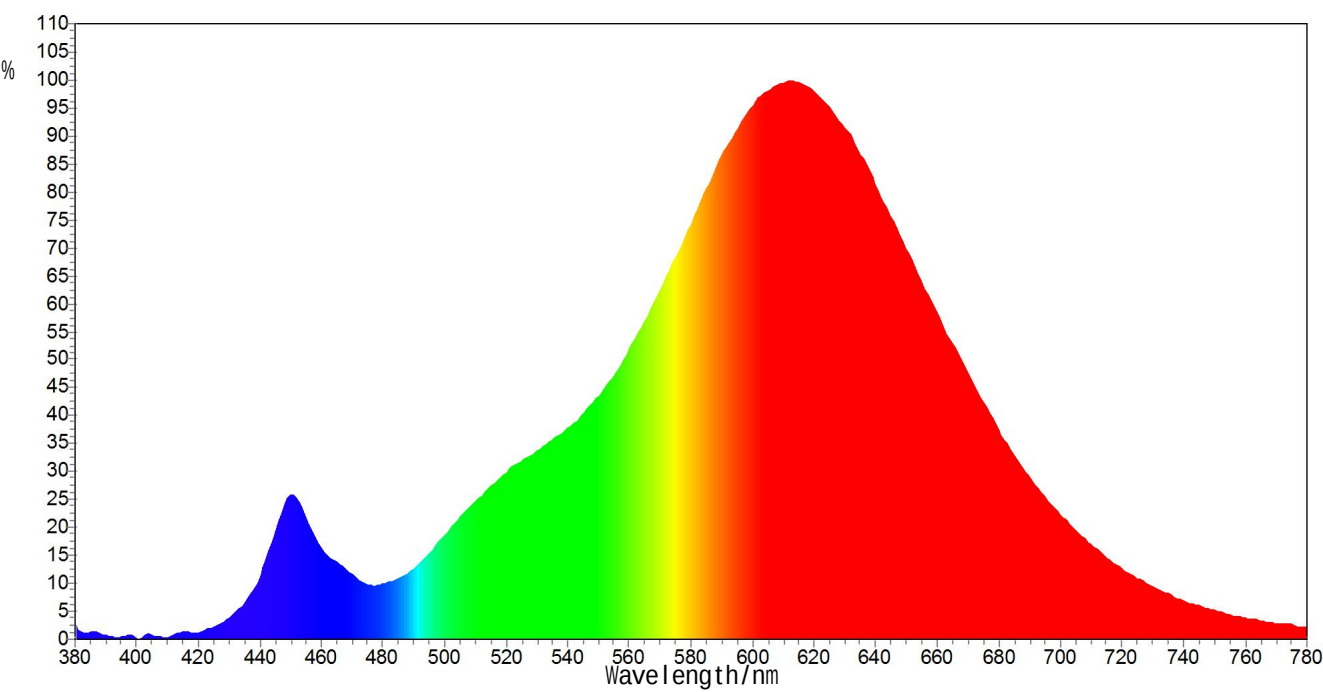
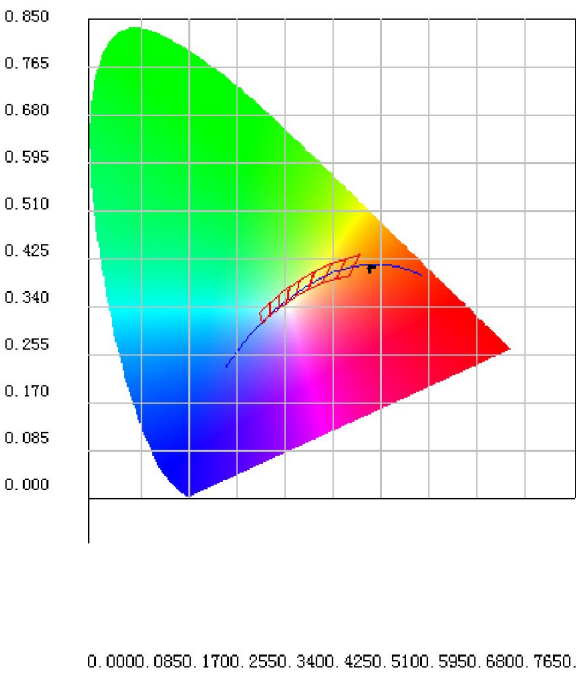


LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.4912 y: 0.4109
u: 0.2828 v: 0.3548
WD: 586.9 nm WP: 612.8 nm
HW: 110.3 nm Purity: 0.708
CCT: 2299 K Ra: 81.0
SDCM : 21.63 DUV : -0.0014
Ratio: R%: 55.4 G%: 36.8 B%: 7.8
Kred 25.84% Kgreen 72.22% Kblue 1.93%
R1: 79.1 R2: 91.2 R3: 94.1
R4: 79.0 R5: 81.4 R6: 93.6
R7: 77.2 R8: 52.7 R9: 7.4
R10: 82.1 R11: 67.3 R12: 81.0
R13: 81.5 R14: 97.8 R15: 70.5
Rf : 0.0 Rg : 0.0



Electrical parameters

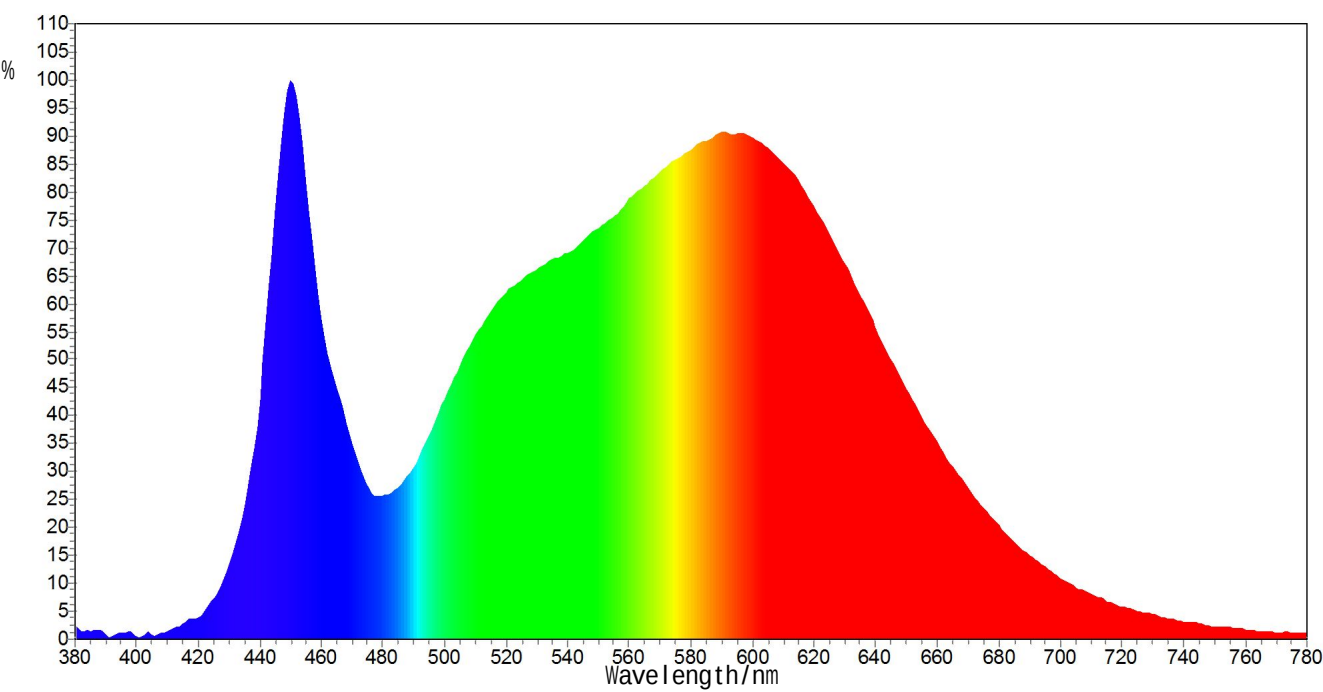
Flux: 587.093 lm E: 61.650 lm/w P: 2007.14 mw
I: 396.8 mA V: 24.00 V P: 9.523 w PF:

Memo:

1M

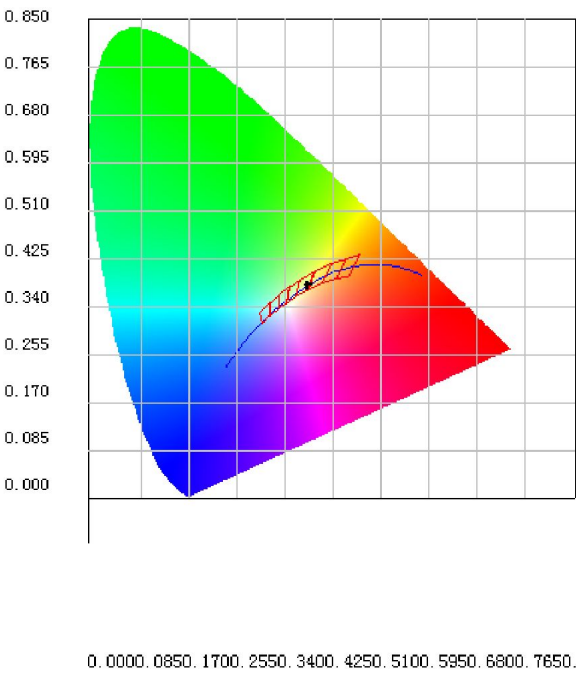
Product Mode:	S012120BC2SF 2300K	Item No:	10105-0237-00
Tester:	LEIXIAOLAN	Date:	2022-11-1
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.3810 y: 0.3816
u: 0.2236 v: 0.3359
WD: 577.9 nm WP: 451.0 nm
HW: 21.9 nm Purity: 0.289
CCT: 4026 K Ra: 81.9
SDCM : 0.61 DUV : 0.0021
Ratio : R%: 32.7 G%: 46.0 B%: 21.3
Kred 15.79% Kgreen 80.15% Kblue 4.06%
R1: 79.4 R2: 87.2 R3: 94.0
R4: 82.2 R5: 81.0 R6: 84.2
R7: 84.7 R8: 62.4 R9: 3.3
R10: 70.5 R11: 80.1 R12: 57.2
R13: 80.7 R14: 96.6 R15: 72.5
Rf : 0.0 Rg : 0.0



Electrical parameters

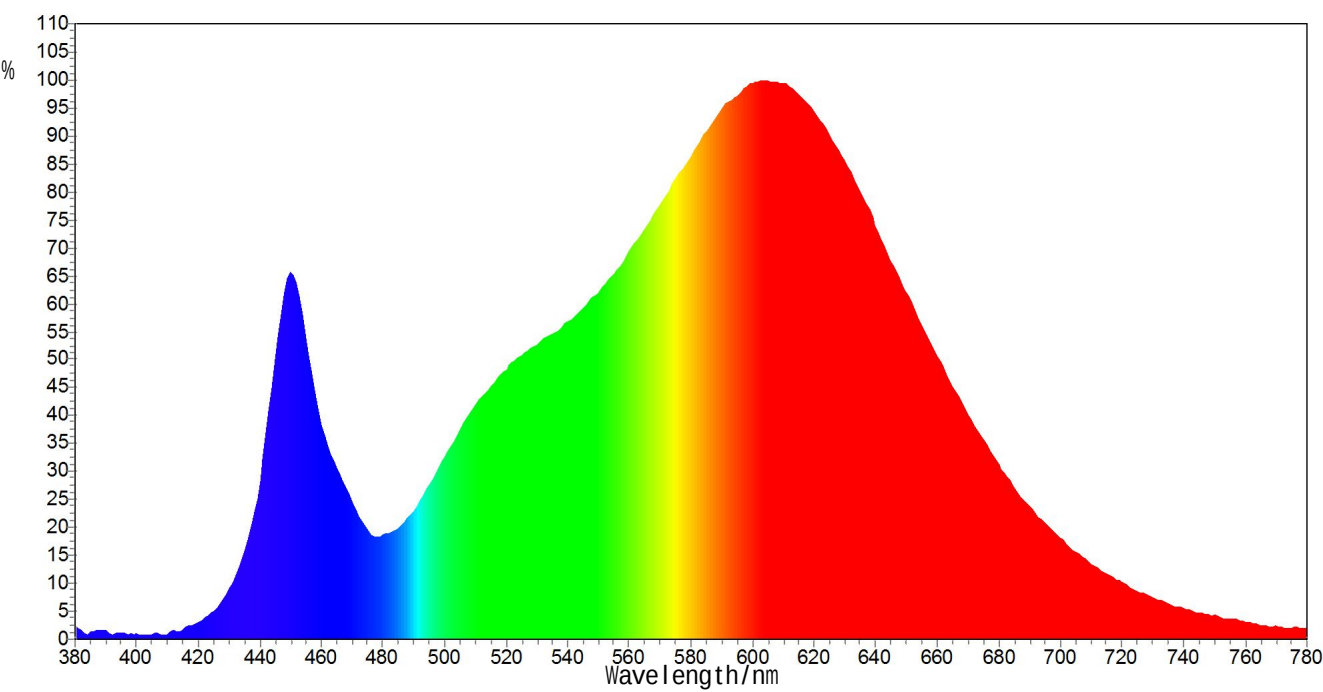
Flux: 689.903 lm E: 73.223 lm/w P: 2170.83 mw
I: 392.6 mA V: 24.00 V P: 9.422 w PF:

Memo:

1M

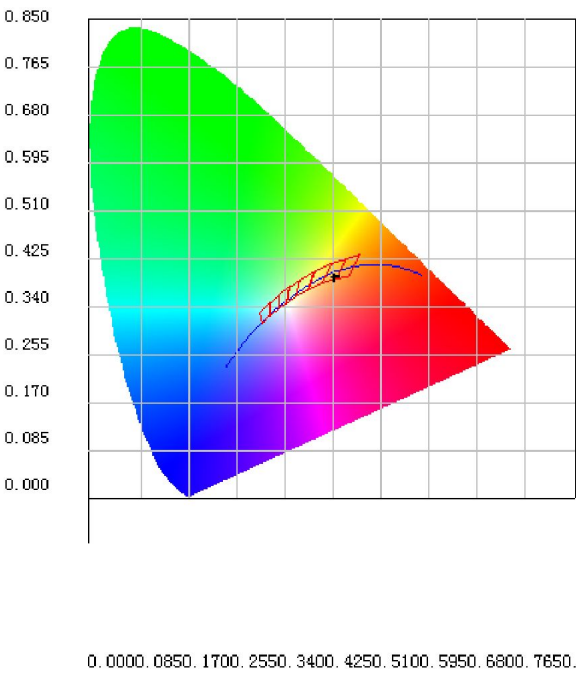
Product Mode:	S012120BC2SF 4000K	Item No:	10105-0237-00
Tester:	LEIXIAOLAN	Date:	2022-11-1
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.4293 y: 0.3946
u: 0.2497 v: 0.3443
WD: 583.6 nm WP: 604.7 nm
HW: 138.0 nm Purity: 0.473
CCT: 3062 K Ra: 84.4
SDCM: 26.57 DUV: -0.0028
Ratio: R%: 43.6 G%: 41.6 B%: 14.8
Kred 20.36% Kgreen 76.55% Kblue 3.09%
R1: 83.0 R2: 91.2 R3: 96.7
R4: 83.9 R5: 84.6 R6: 90.3
R7: 82.8 R8: 62.7 R9: 17.1
R10: 80.0 R11: 76.0 R12: 71.9
R13: 84.5 R14: 98.5 R15: 76.5
Rf: 0.0 Rg: 0.0



Electrical parameters

Flux: 1254.717 lm E: 76.043 lm/w P: 4103.30 mw
I: 687.5 mA V: 24.00 V P: 16.500 w PF:

Memo:

1M

Product Mode:	S012120BC2SF 混光	Item No:	10105-0237-00
Tester:	LEIXIAOLAN	Date:	2022-11-1
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

Spectrum Test Report

Sample :
Specification : S010126BC1SF 4000±300K
Sample No. : 10105-0259-00
Manufacturer : iPixel LED

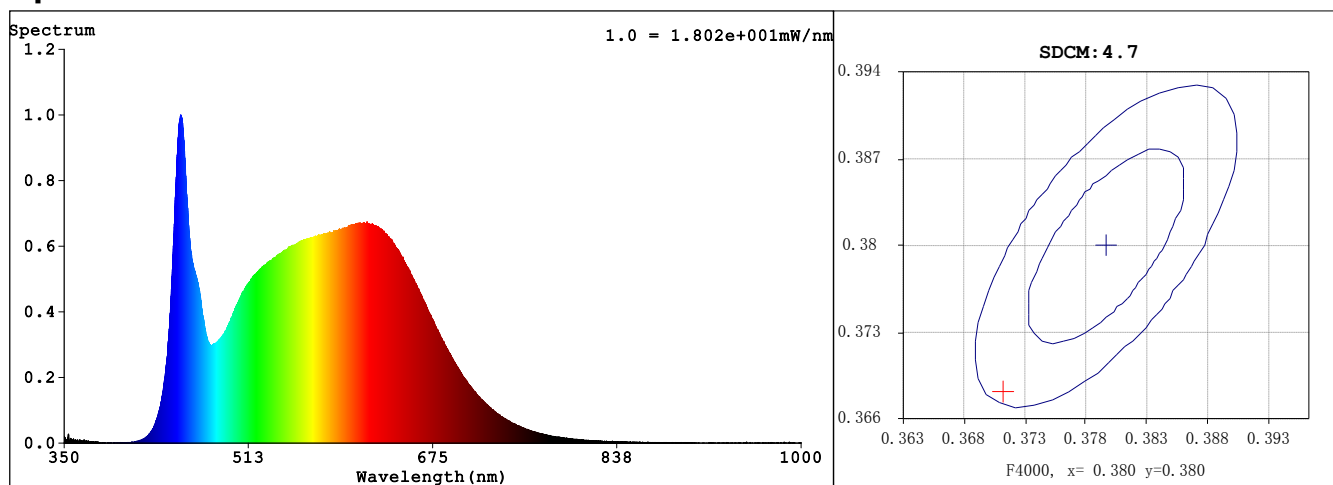
Date : 2025-02-10
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 40922 (62%)
T : 327 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3716$ $y = 0.3681$ / $u' = 0.2227$ $v' = 0.4964$ ($duv = -1.43e-03$)

CCT= 4190K Prpc WL: $L_d = 579.3nm$ Purity=21.9%

Peak WL: $L_p = 453nm$ FWHM: =22.0nm Ratio:R=19.3% G=76.2% B=4.5%

Render Index: $R_a = 93.4$ TM30:Rf=91 Rg=99

R1 =94 R2 =97 R3 =96 R4 =92 R5 =92 R6 =93 R7 =94

R8 =88 R9 =71 R10=91 R11=92 R12=68 R13=95 R14=98 R15=93

LEVEL:OUT

TLCI Parameters: TLCI = 92.9

Photometric & Radiometric Parameters

Flux = 766.68 lm Eff. : 102.33 lm/W $Fe = 2.6622 W$

EEL: 0.12097 A+

EEC: 102.3 F

Electrical parameters

V = 24.00 V I = 0.3122 A P = 7.492 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>