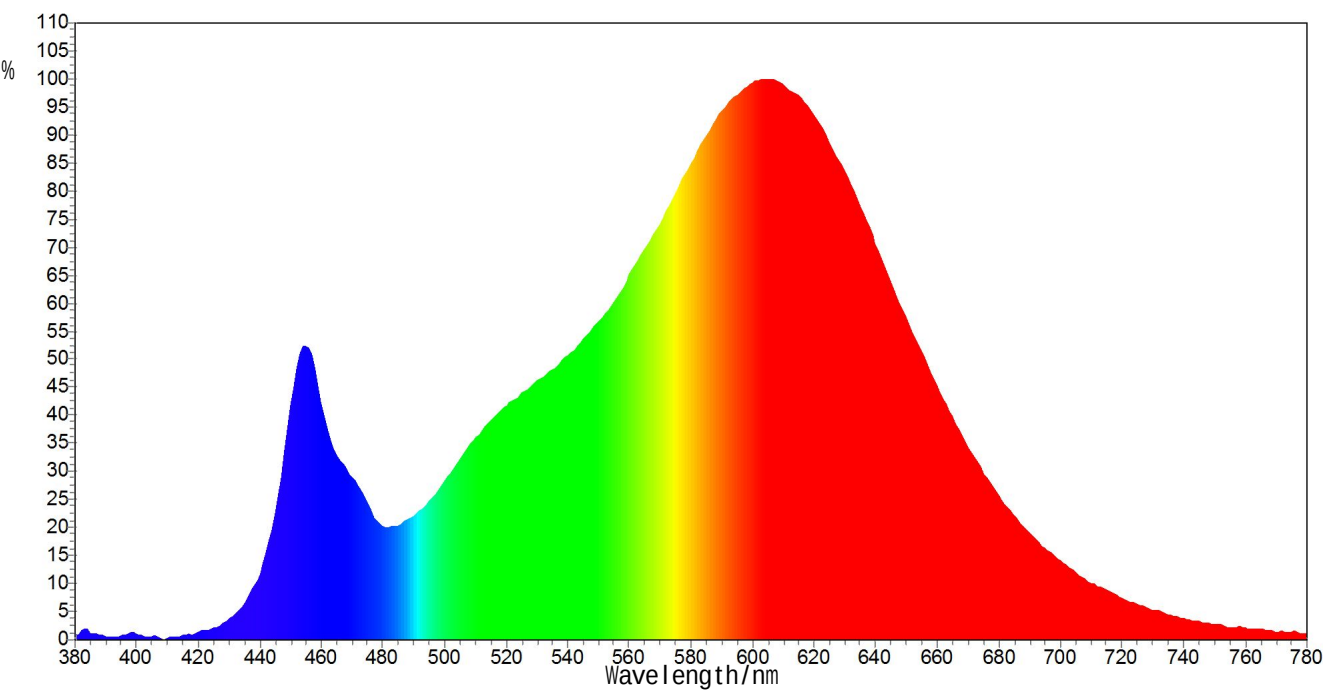
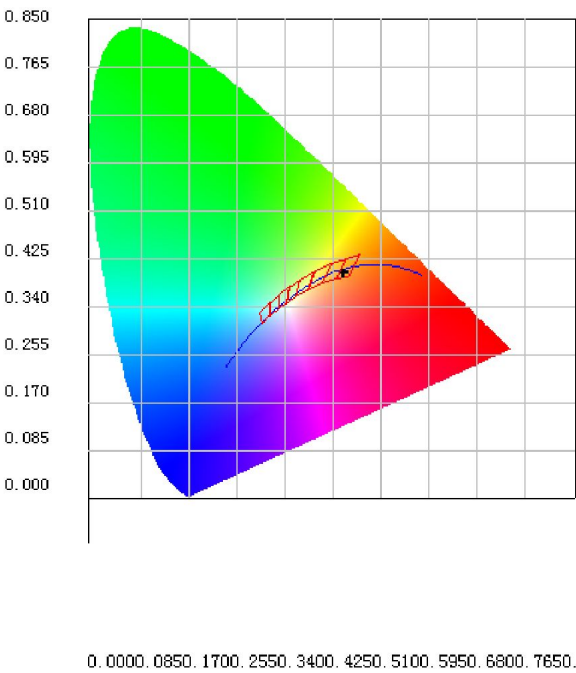


LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.4451 y: 0.4042
u: 0.2558 v: 0.3484
WD: 583.8 nm WP: 607.2 nm
HW: 118.3 nm Purity: 0.549
CCT: 2869 K Ra: 81.8
SDCM : 6.70 DUV : -0.0010
Ratio : R%: 44.2 G%: 42.5 B%: 13.3
Kred 21.11% Kgreen 75.85% Kblue 3.04%
R1: 80.0 R2: 91.6 R3: 95.0
R4: 79.6 R5: 82.3 R6: 92.1
R7: 79.0 R8: 54.9 R9: 4.1
R10: 81.5 R11: 69.7 R12: 69.8
R13: 82.4 R14: 98.2 R15: 71.9
Rf : 0.0 Rg : 0.0



Electrical parameters

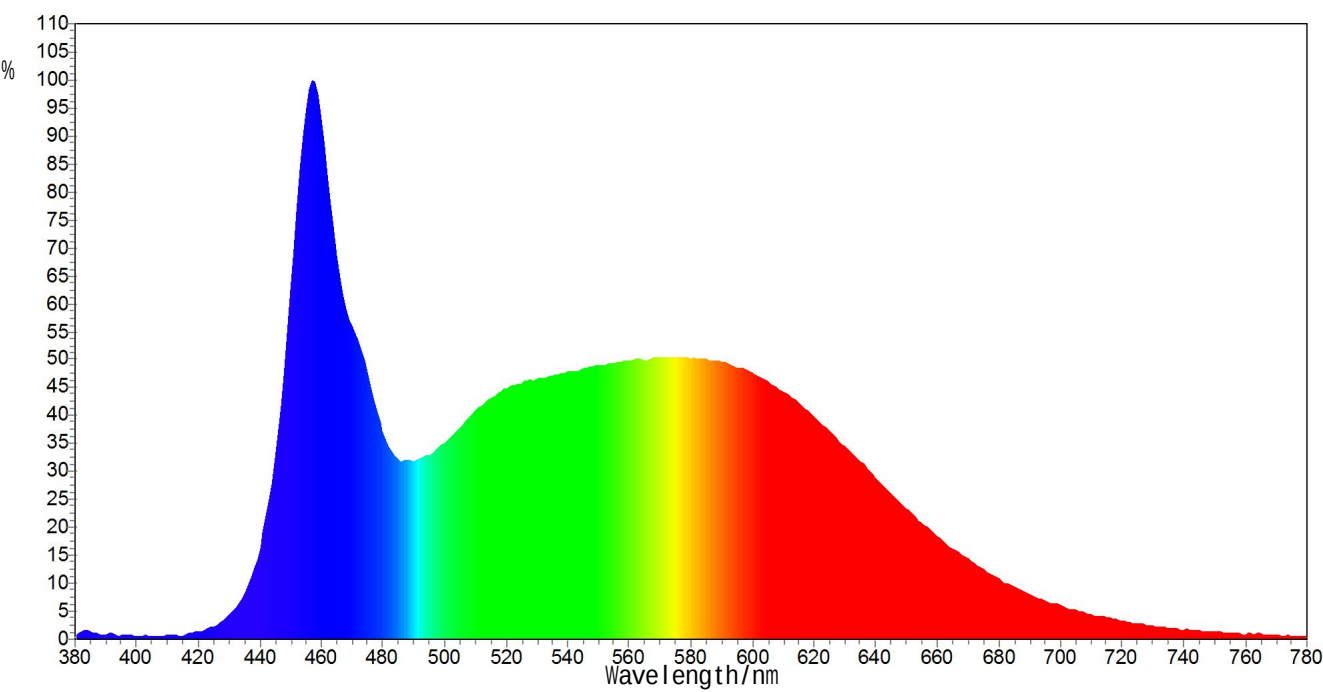
Flux: 814.416 lm E: 91.272 lm/w P: 2584.88 mw
I: 371.8 mA V: 24.00 V P: 8.923 w PF:

Memo:

1m

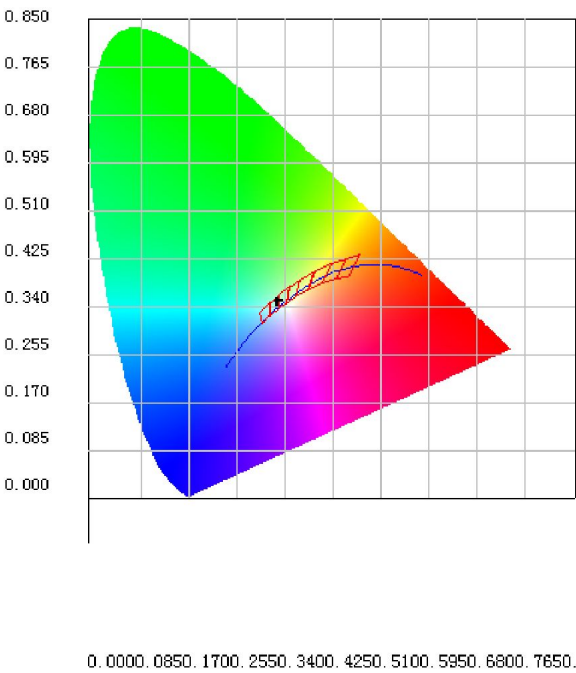
Product Mode:	N010120BC1LZ 3000±300K	Item No:	51800560
Tester:	liuyuanfen	Date:	2021-9-4
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:		organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.3302 y: 0.3522
u: 0.2012 v: 0.3218
WD: 545.5 nm WP: 458.4 nm
HW: 25.9 nm Purity: 0.049
CCT: 5594 K Ra: 84.6
SDCM : 12.22 DUV : 0.0066
Ratio : R%: 25.5 G%: 43.9 B%: 30.6
Kred 12.93% Kgreen 80.24% Kblue 6.83%
R1: 84.2 R2: 94.3 R3: 94.6
R4: 78.7 R5: 82.8 R6: 89.5
R7: 84.8 R8: 67.8 R9: 16.7
R10: 85.1 R11: 81.0 R12: 53.6
R13: 87.4 R14: 97.5 R15: 77.7
Rf : 0.0 Rg : 0.0



Electrical parameters

Flux: 680.836 lm E: 79.630 lm/w P: 2345.41 mw
I: 712.5 mA V: 12.00 V P: 8.550 w PF:

Memo:

1M

Product Mode:	N010120BB1LZ 6000-6500K	Item No:	10301-0224-00
Tester:	LEIXIAOLAN	Date:	2023-3-28
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

Spectrum Test Report

Sample :
Specification : N010120BB1LZ 3000±200K
Sample No. : 10301-0793-00
Manufacturer : iPixel LED

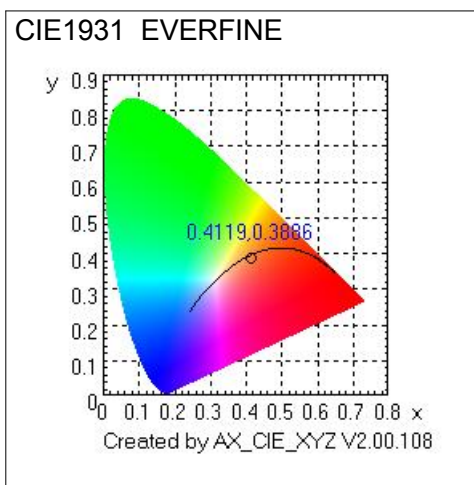
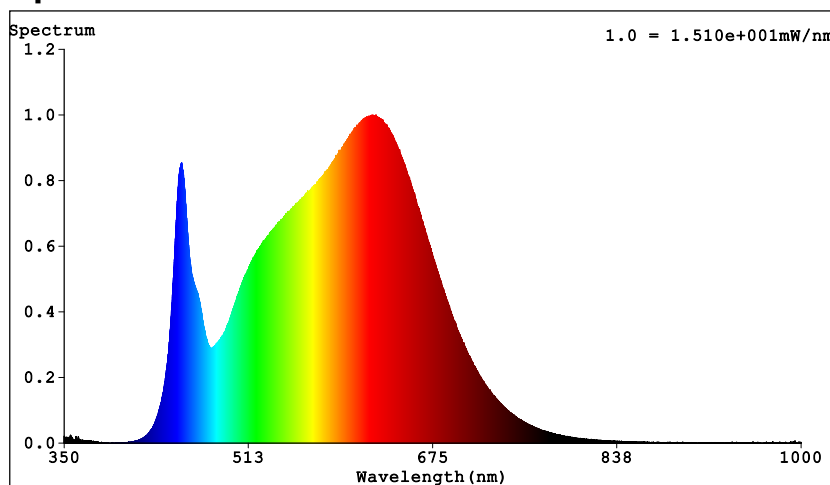
Date : 2023-10-19
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 49601 (76%)
T : 338 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4119$ $y = 0.3886$ / $u' = 0.2409$ $v' = 0.5113$ ($duv = -2.32e-03$)

CCT= 3341K Prpc WL: $L_d = 582.5nm$ Purity=40.2%

Peak WL: $L_p = 622nm$ FWHM: $= 173.1nm$ Ratio: R=22.7% G=73.8% B=3.4%

Render Index: $R_a = 94.3$ TM30: $R_f = 92$ $R_g = 101$

R1 =95 R2 =98 R3 =97 R4 =94 R5 =94 R6 =95 R7 =94

R8 =87 R9 =71 R10=92 R11=94 R12=76 R13=96 R14=98 R15=93

LEVEL:OUT

TLCI Parameters: TLCI = 94.0

Photometric & Radiometric Parameters

Flux = 807.27 lm Eff. : 95.01 lm/W $Fe = 2.8262 W$

EEL: 0.13161 A+

EEC: 95.0 F

Electrical parameters

V = 12.00 V I = 0.7081 A P = 8.496 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>