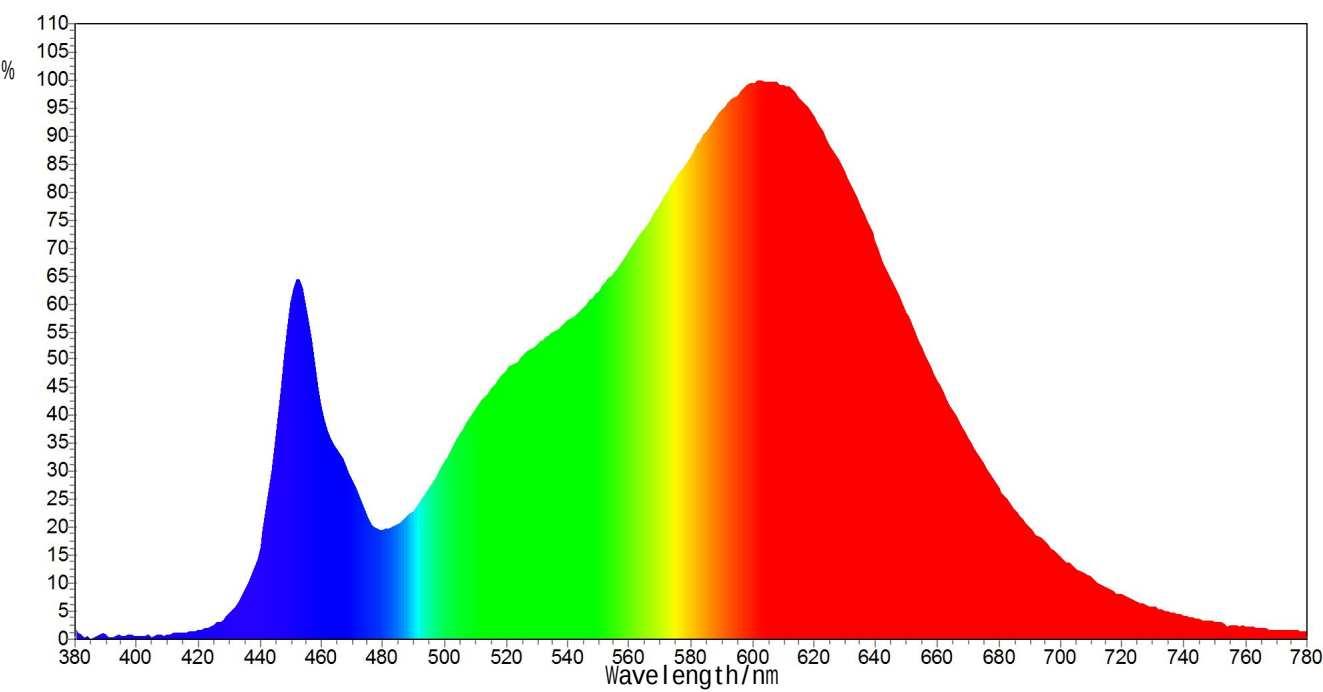
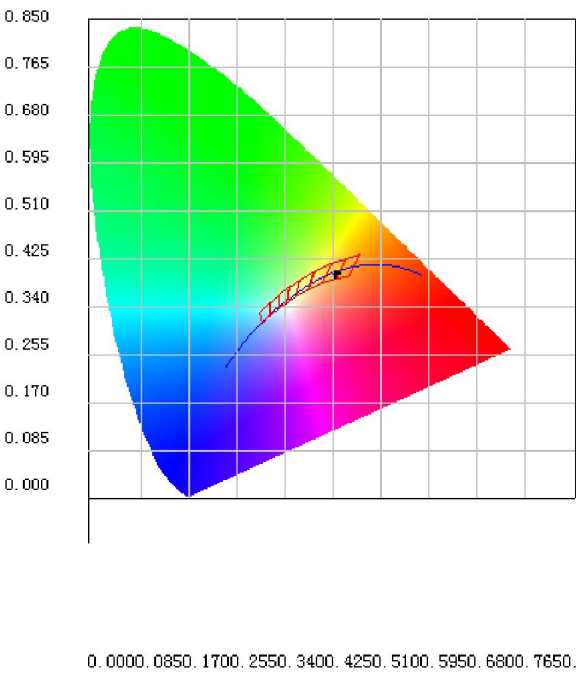


LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.4324 y: 0.4018
u: 0.2486 v: 0.3465
WD: 582.7 nm WP: 603.7 nm
HW: 132.7 nm Purity: 0.504
CCT: 3065 K Ra: 83.3
SDCM : 4.40 DUV : -0.0003
Ratio : R%: 42.6 G%: 43.1 B%: 14.3
Kred 20.10% Kgreen 76.80% Kblue 3.10%
R1: 81.3 R2: 90.5 R3: 97.1
R4: 82.5 R5: 83.3 R6: 90.3
R7: 82.0 R8: 59.6 R9: 10.2
R10: 78.7 R11: 74.4 R12: 66.1
R13: 83.0 R14: 98.8 R15: 73.9
Rf : 0.0 Rg : 0.0



Electrical parameters

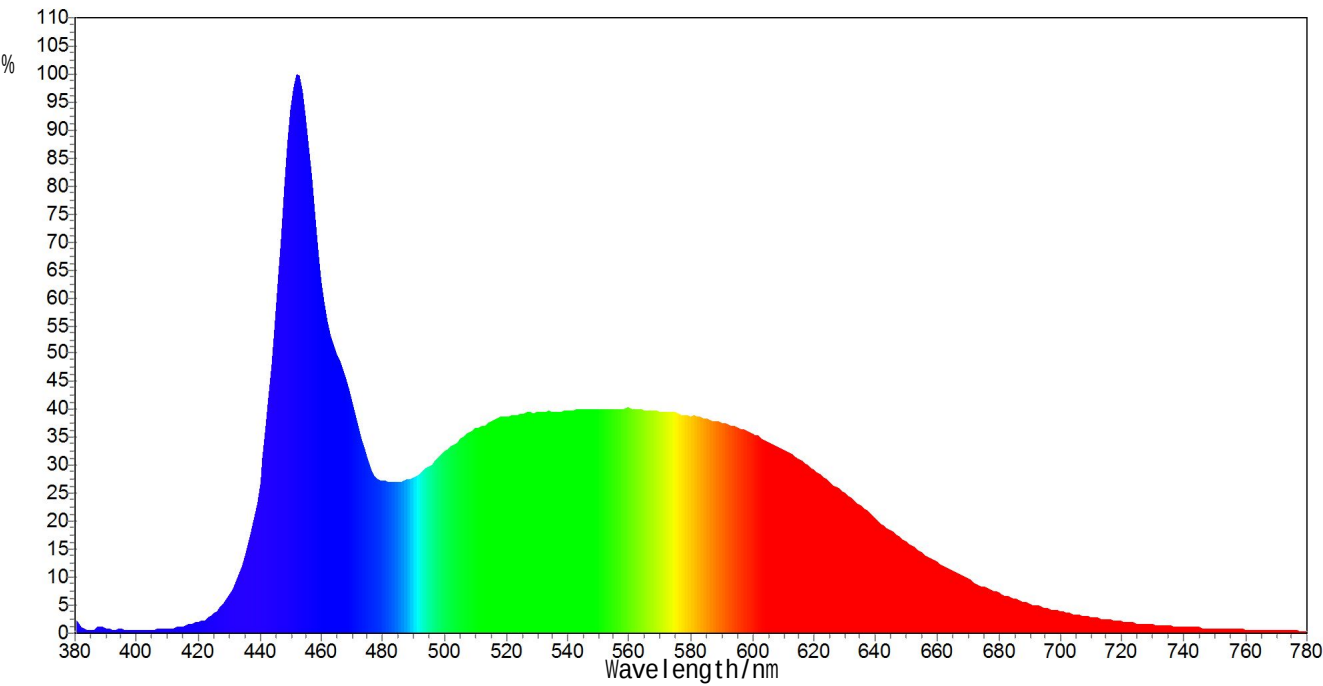
Flux: 1337.163 lm E: 152.262 lm/w P: 4237.84 mw
I: 365.9 mA V: 24.00 V P: 8.782 w PF:

Memo:

1M

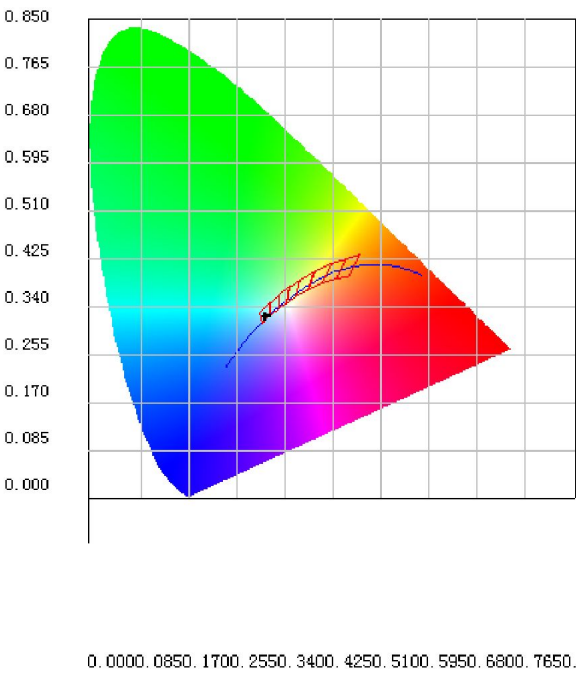
Product Mode:	S010128BC1LZ 2800-3200K	Item No:	10101-0354-00
Tester:	DINGNANJUAN	Date:	2022-12-29
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.3077 y: 0.3278
u: 0.1948 v: 0.3113
WD: 488.9 nm WP: 453.2 nm
HW: 21.1 nm Purity: 0.090
CCT: 6791 K Ra: 85.7
SDCM : 4.82 DUV : 0.0051
Ratio : R%: 21.7 G%: 43.3 B%: 35.0
Kred 11.74% Kgreen 80.93% Kblue 7.33%
R1: 84.3 R2: 91.9 R3: 95.0
R4: 83.5 R5: 84.4 R6: 86.7
R7: 88.0 R8: 71.9 R9: 18.2
R10: 79.8 R11: 86.1 R12: 53.2
R13: 86.8 R14: 97.8 R15: 79.2
Rf : 0.0 Rg : 0.0



Electrical parameters

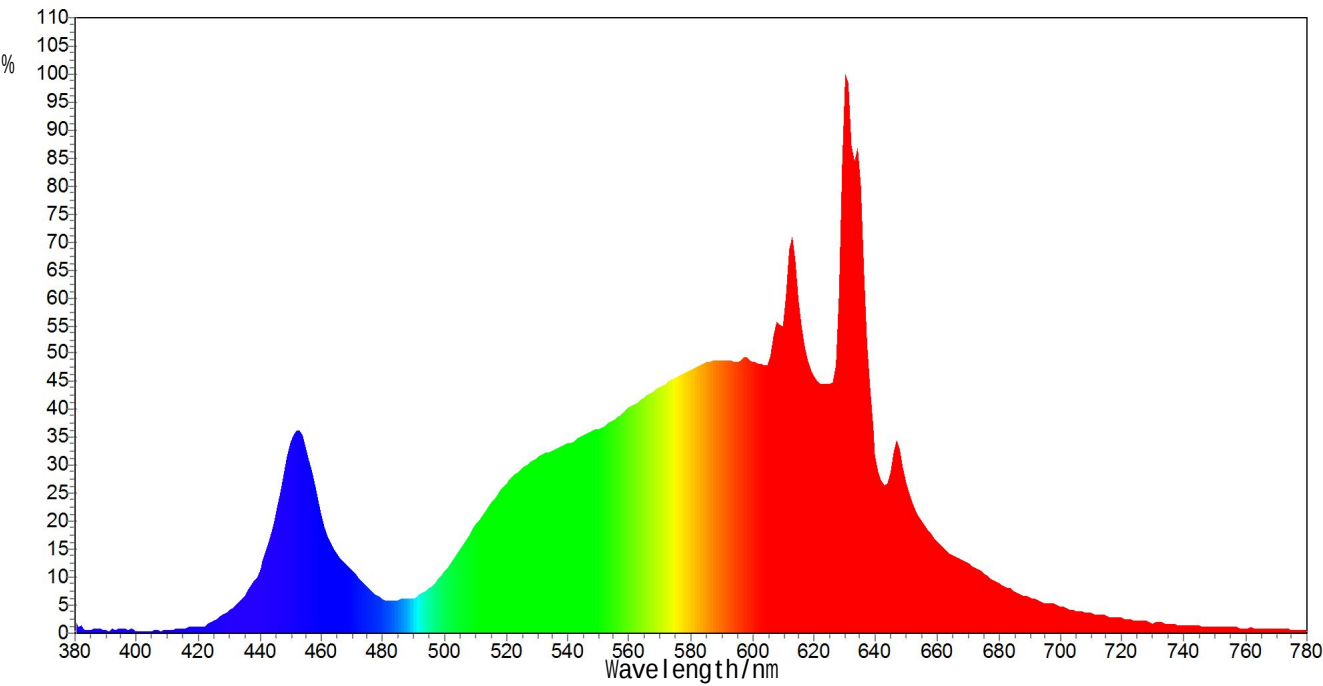
Flux: 607.889 lm E: 149.948 lm/w P: 2170.33 mw
I: 168.9 mA V: 24.00 V P: 4.054 w PF:

Memo:

1M

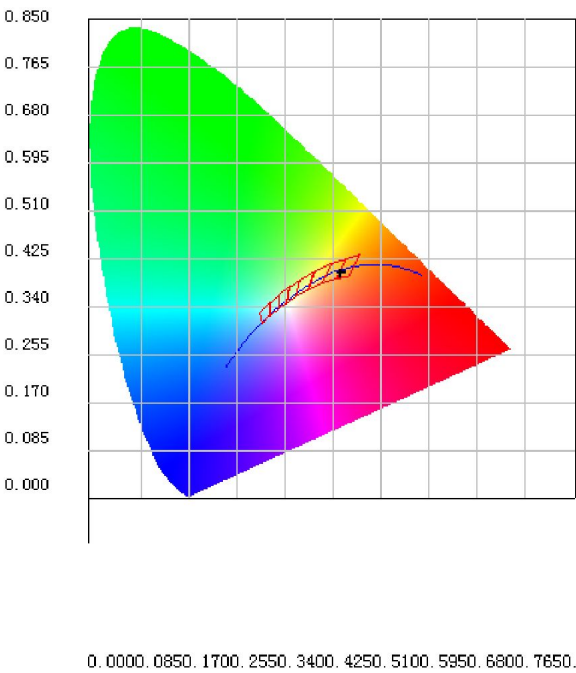
Product Mode:	S010064BC1LZ 6000-6500K	Item No:	10101-0395-00
Tester:	LEIXIAOLAN	Date:	2023-3-8
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.4404 y: 0.4046
u: 0.2526 v: 0.3481
WD: 583.1 nm WP: 631.0 nm
HW: 10.1 nm Purity: 0.536
CCT: 2951 K Ra: 84.7
SDCM : 0.72 DUV : -0.0003
Ratio : R%: 42.4 G%: 44.7 B%: 12.9
Kred 21.47% Kgreen 76.42% Kblue 2.10%
R1: 86.4 R2: 90.3 R3: 91.9
R4: 82.4 R5: 80.6 R6: 82.9
R7: 89.2 R8: 74.2 R9: 34.6
R10: 72.9 R11: 66.2 R12: 56.8
R13: 86.7 R14: 94.3 R15: 82.2
Rf : 0.0 Rg : 0.0



Electrical parameters

Flux: 1081.565 lm E: 202.464 lm/w P: 3249.84 mw
I: 222.6 mA V: 24.00 V P: 5.342 w PF:

Memo:

1M

Product Mode:	S010090BC1LZ 2800-3200K	Item No:	10101-0383-00
Tester:	DINGNANJUAN	Date:	2023-4-8
Temperature:	28 ()	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

Spectrum Test Report

Sample :
Specification : S010180BC1LZ 3000±300K
Sample No. : 10101-0384-00
Manufacturer : iPixel LED

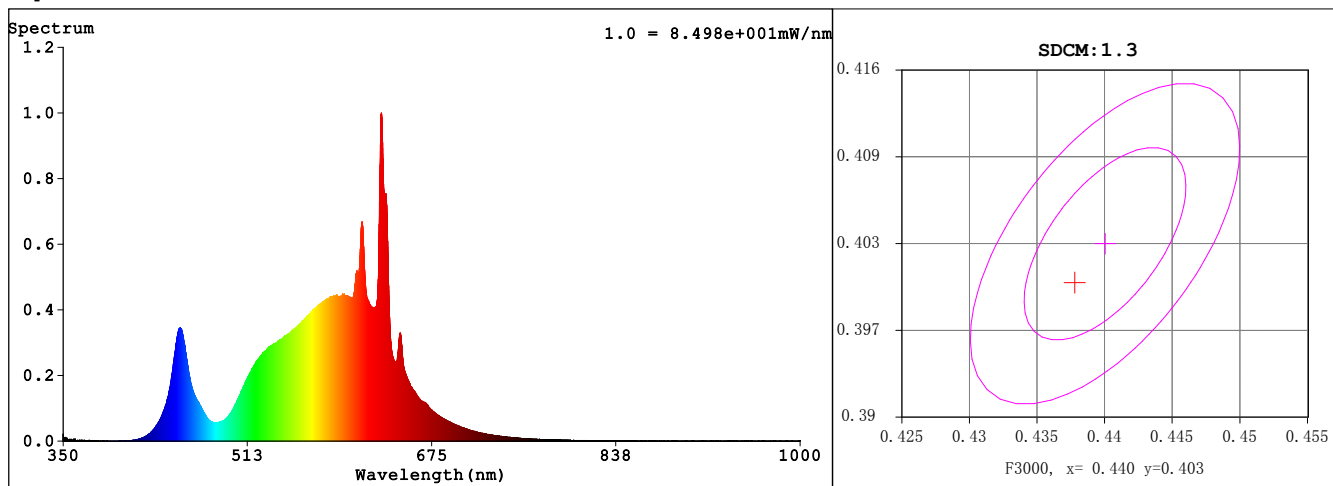
Date : 2024-03-25
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH : 65.0%
IP : 51803 (79%)
T : 74 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4378 y = 0.4001 / u' = 0.2528 v' = 0.5199 (duv=-1.69e-03)

CCT= 2954K Prcp WL: Ld=583.6nm Purity=51.5%

Peak WL: Lp=631nm FWHM: =9.1nm Ratio:R=23.8% G=74.3% B=1.9%

Render Index: Ra = 84.0 TM30:Rf=83 Rg=100

R1 =84 R2 =89 R3 =92 R4 =83 R5 =82 R6 =85 R7 =87

R8 =69 R9 =28 R10=72 R11=81 R12=61 R13=85 R14=94 R15=80

LEVEL:OUT

TLCI Parameters: TLCI = 68.0

Photometric & Radiometric Parameters

Flux = 2116.6 lm Eff. : 200.27 lm/W Fe = 6.1632 W

EEL: 0.06802 A++ Highest

EEC: 200.3 B

Electrical parameters

V = 24.00 V I = 0.4404 A P = 10.57 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S010224BC1LZ 3000±300K
Sample No. : 10101-0382-00
Manufacturer : iPixel LED

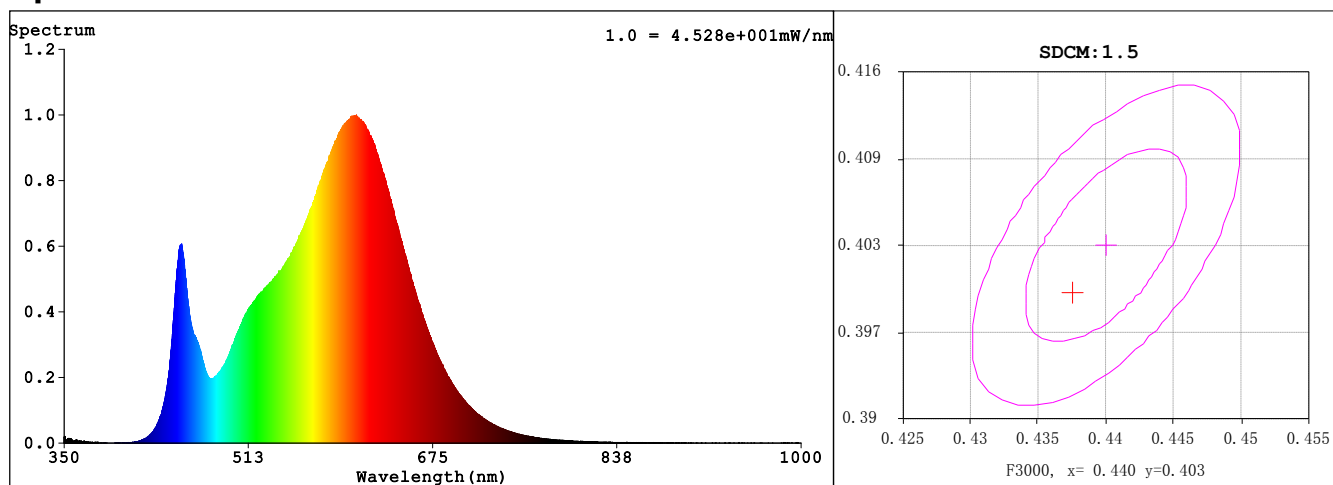
Date : 2024-09-02
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH : 65.0%
IP : 51364 (78%)
T : 125 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4375$ $y = 0.3995$ / $u' = 0.2529$ $v' = 0.5197$ ($duv = -1.89e-03$)

CCT= 2953K Prpc WL: $L_d = 583.7nm$ Purity=51.2%

Peak WL: $L_p = 608nm$ FWHM: $= 122.5nm$ Ratio: $R = 23.7\%$ $G = 73.6\%$ $B = 2.7\%$

Render Index: $R_a = 83.9$ TM30: $R_f = 84$ $R_g = 97$

$R_1 = 83$ $R_2 = 93$ $R_3 = 95$ $R_4 = 82$ $R_5 = 84$ $R_6 = 92$ $R_7 = 82$

$R_8 = 60$ $R_9 = 13$ $R_{10} = 85$ $R_{11} = 82$ $R_{12} = 74$ $R_{13} = 86$ $R_{14} = 98$ $R_{15} = 76$

LEVEL:OUT

TLCI Parameters: $TLCI = 70.6$

Photometric & Radiometric Parameters

Flux = 2149.5 lm Eff. : 150.16 lm/W $Fe = 6.6075 W$

EEL: 0.09072 A++ Highest

EEC: 150.2 D

Electrical parameters

$V = 24.00 V$ $I = 0.5965 A$ $P = 14.31 W$ $PF = 1.000$

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S015240BC1LZ 4000±300K
Sample No. : 10101-0965-00
Manufacturer : iPixel LED

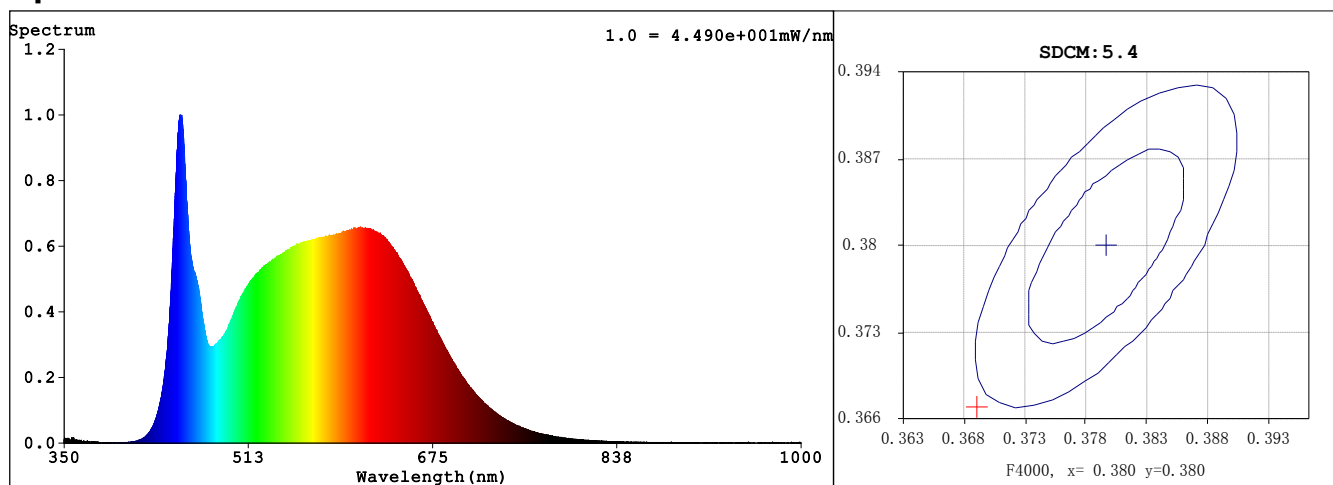
Date : 2025-01-16
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 41257 (63%)
T : 132 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3694$ $y = 0.3668$ / $u' = 0.2218$ $v' = 0.4955$ ($duv = -1.35e-03$)

CCT= 4248K Prpc WL: $L_d = 579.0nm$ Purity=20.9%

Peak WL: $L_p = 452nm$ FWHM: $= 21.9nm$ Ratio: R=19.1% G=76.4% B=4.5%

Render Index: $R_a = 93.1$ TM30: $R_f = 90$ $R_g = 99$

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

R8 =88 R9 =70 R10=89 R11=92 R12=67 R13=95 R14=98 R15=92

LEVEL:OUT

TLCI Parameters: TLCI = 92.5

Photometric & Radiometric Parameters

Flux = 1885.8 lm Eff. : 95.90 lm/W $Fe = 6.5498 W$

EEL: 0.14204 A+

EEC: 95.9 F

Electrical parameters

V = 24.00 V I = 0.8194 A P = 19.66 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>