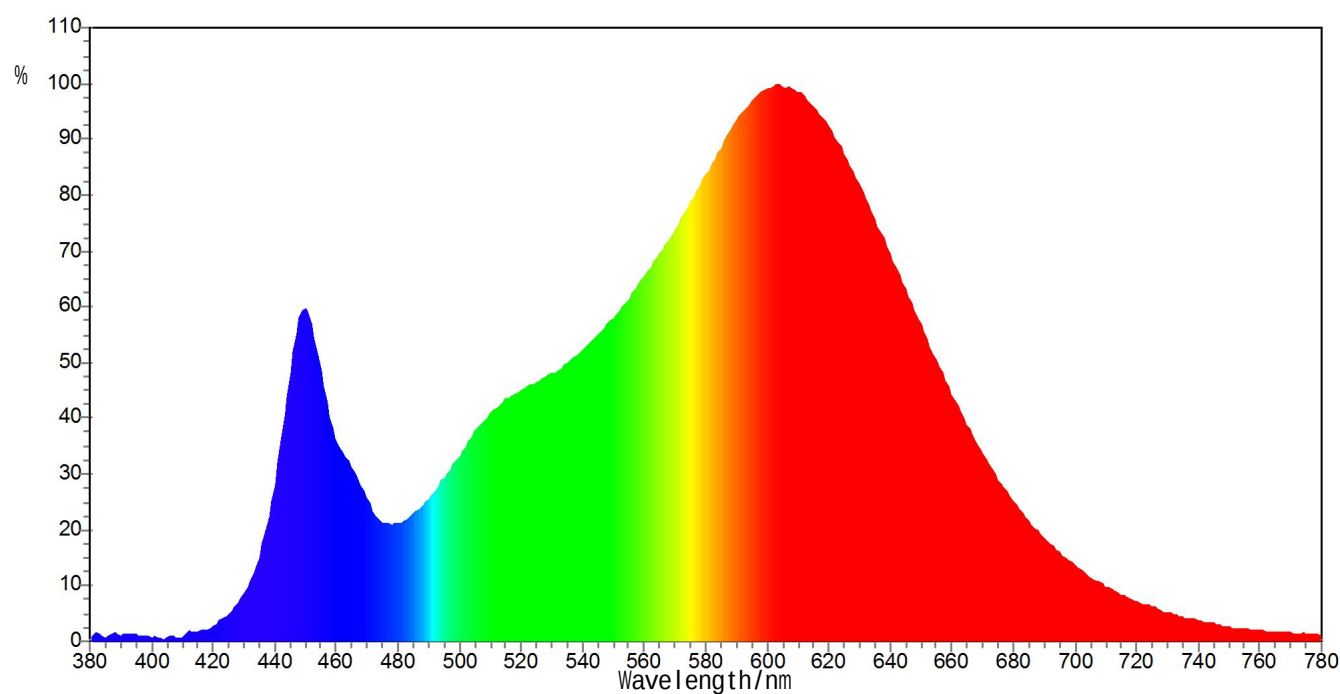


LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.4305

y: 0.3926

u: 0.2514

v: 0.3439

WD: 584.2 nm

WP: 604.0 nm

HW: 120.2 nm

Purity: 0.470

CCT: 3022 K

Ra: 84.0

SDCM: 4.54

DUV: -0.0038

Ratio: R%: 42.3

G%: 42.1

B%: 15.6

Kred 20.62%

Kgreen 76.03%

Kblue 3.35%

R1: 82.8

R2: 92.7

R3: 95.3

R4: 83.4

R5: 85.6

R6: 92.9

R7: 80.3

R8: 58.9

R9: 11.1

R10: 84.1

R11: 74.0

R12: 77.7

R13: 85.0

R14: 98.4

R15: 75.3

Rf: 0.0

Rg: 0.0

Electrical parameters

Flux: 1063.103 lm

E: 120.2 lm/w

P: 3431.24 mw

I: 653.0 mA

V: 24.00 V

P: 15.673 w

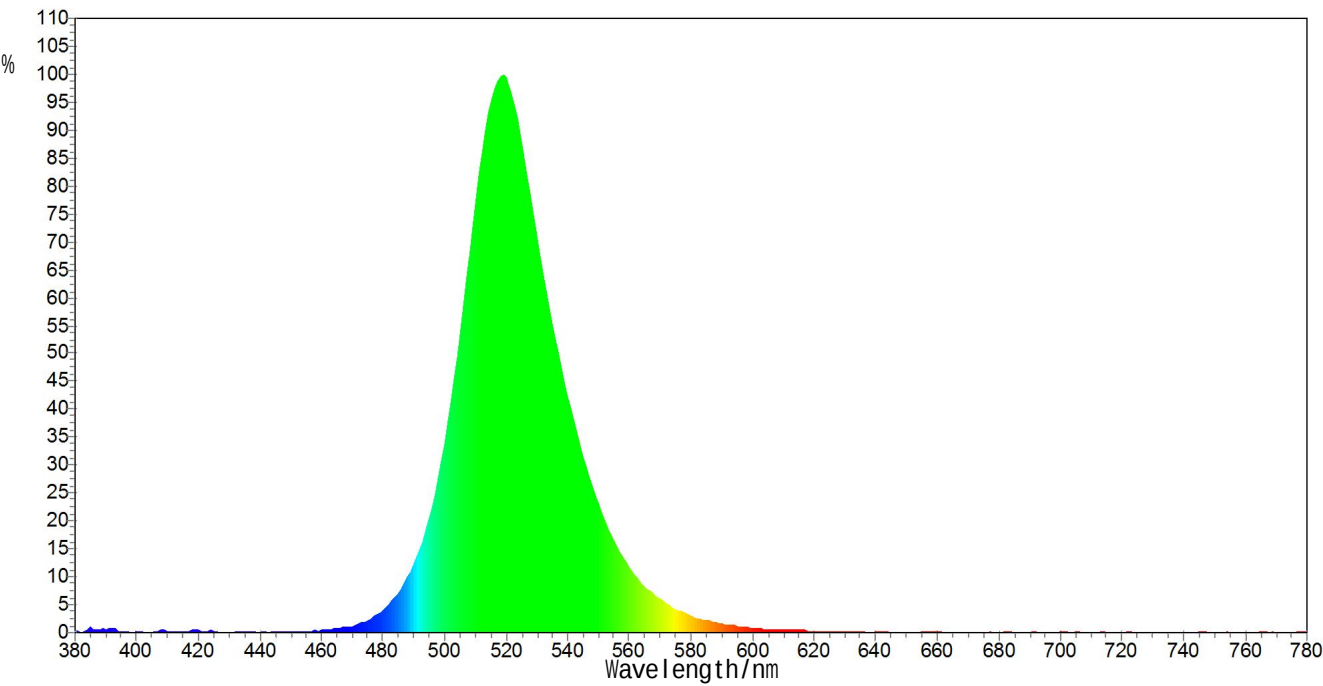
PF:

Memo:

1M

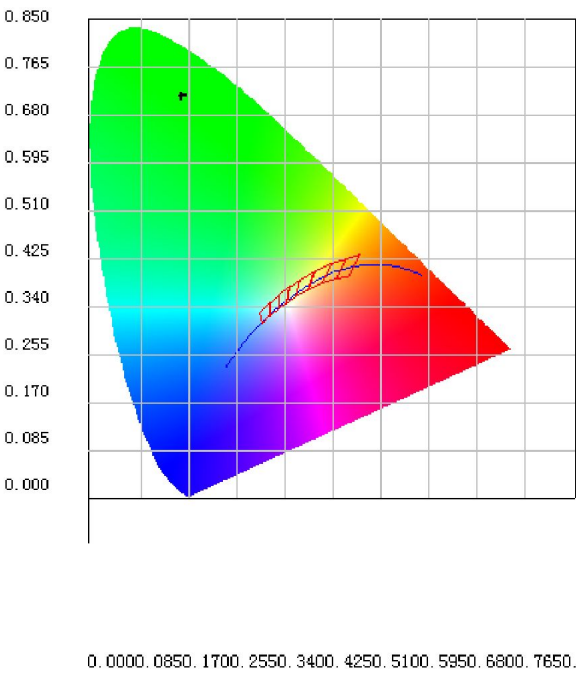
|               |                         |               |                    |
|---------------|-------------------------|---------------|--------------------|
| Product Mode: | S010060CC1LZ 2800-3200K | Item No:      | 51200265           |
| Tester:       | LIUYUANFEN              | Date:         | 2020-12-21         |
| Temperature:  | 28 ( )                  | Humidity:     | 71 (%)             |
| Manufacturer: | iPixel LED LightCo Ltd  | organization: | Quality department |

LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.1621                      y: 0.7178  
u: 0.0574                      v: 0.3815  
WD: 525.0 nm                  WP: 519.2 nm  
HW: 33.4 nm                  Purity: 0.780  
CCT: 8073 K                  Ra: -22.5  
SDCM : 299.00                  DUV : 0.1588  
Ratio: R%: 0.8                  G%: 90.0                  B%: 9.2  
Kred 0.23%    Kgreen 95.88%    Kblue 3.89%  
R1: -35.3    R2: -9.2    R3: -21.8  
R4: -62.6    R5: -7.7    R6: -11.5  
R7: -2.1    R8: -29.4    R9: -355.8  
R10: -104.4    R11: -46.7    R12: -26.6  
R13: -42.5    R14: 40.0    R15: -33.8  
Rf : 0.0                      Rg : 0.0



Electrical parameters

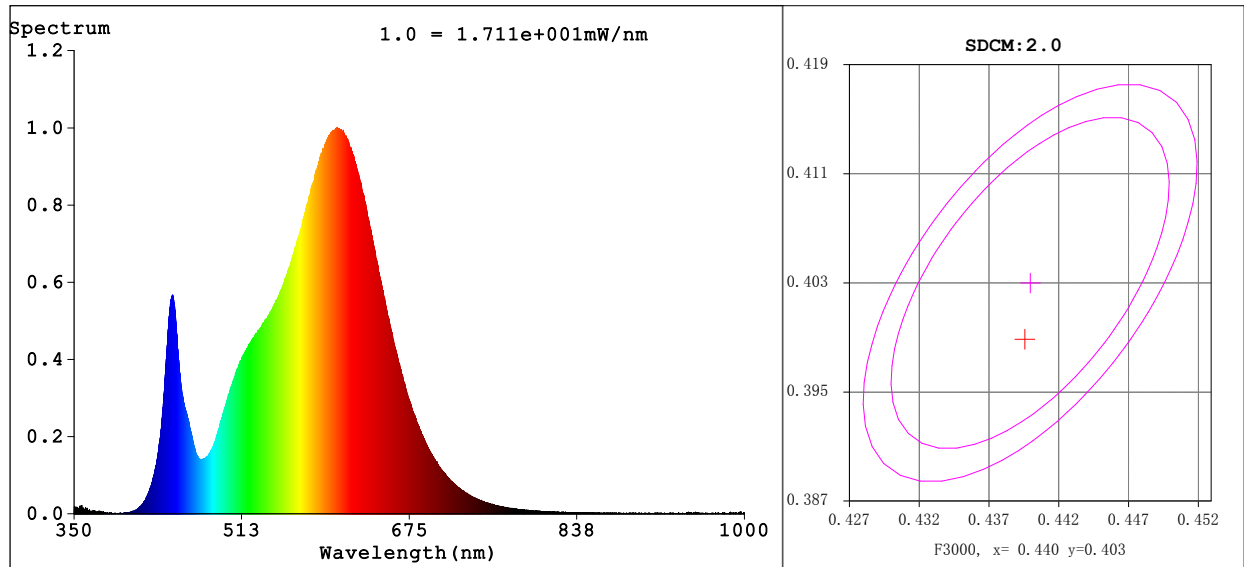
Flux: 2373.848 lm                  E: 33.4 lm/w                  P: 5248.20 mw  
I: 1197.9 mA    V: 24.00 V                  P: 28.750 w                  PF:

Memo:

1m

|               |                        |               |                    |
|---------------|------------------------|---------------|--------------------|
| Product Mode: | S015120CC1LZ 5050-绿光   | Item No:      | 51201203           |
| Tester:       | fanqiulian             | Date:         | 2021-4-28          |
| Temperature:  | 28 ( )                 | Humidity:     | 71 (%)             |
| Manufacturer: | iPixel LED LightCo Ltd | organization: | Quality department |

## Spectrum Test Report



## Colorimetric Parameters

Chromaticity Coordinate:  $x=0.4396$   $y=0.3990$   $u'=0.2546$   $v'=0.5198$ 

CCT=2913K (Duv=-0.0024) Dominant WL:Ld =584.1nm Purity=51.7%

Peak WL:Lp=605.2nm FWHM=120.0nm

Render Index:Ra=82.5

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| R1 =81 | R2 =91 | R3 =96 | R4 =81 | R5 =82 | R6 =89 | R7 =82 |        |
| R8 =58 | R9 =6  | R10=79 | R11=82 | R12=77 | R13=83 | R14=99 | R15=74 |

## Photometric &amp; Radiometric Parameters

Flux=807.6 lm Eff.:69.42 lm/W Fe=2.473 W

EEI: 0.18015 A

EEC: 69.4 G

## Electrical parameters

V=5.000 V I=2.327 A P=11.63 W PF=1.000

Freq=0.00 Hz

LEVEL:OUT

Status: Integral T = 246 ms Ip = 50430 (77%)

Test Mode: Accuracy Test; Sensitivity = High; Tecool: ON

## GBT5702

Model:S010060CA1LZ 2800-3200K  
Test By:DINGNANJUAN  
Temperature:25.3 °C  
Manufacturer:iPixel LED

Number:10101-0351-00  
Date:2023-08-09  
Humidity:65.0%  
Remarks:1M

## Spectrum Test Report

Sample :  
Specification : S008030CA1LZ 6000±400K  
Sample No. : 10101-0265-00  
Manufacturer : iPixel LED

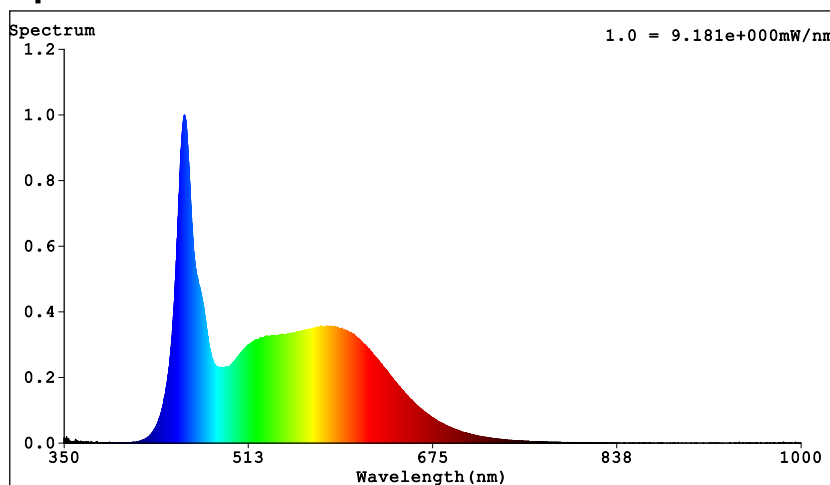
Date : 2026-03-14  
Sam. Status : 1M  
Instrument : HAAS-2000(EVERFINE)  
Test by : LZN

### Test Condition

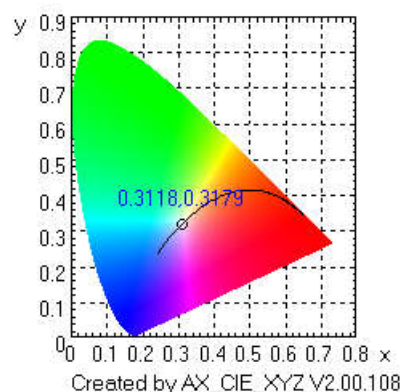
Temperature : 25.3 °C  
WL Range : 350nm-1000nm  
Test Mode : Fast Test

RH : 65.0%  
IP : 50558 (77%)  
T : 897 ms  
Sensitivity : High

### Spectrum



CIE1931 EVERFINE



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3118$   $y = 0.3179$  /  $u' = 0.2014$   $v' = 0.4621$  ( $duv = -2.11e-03$ )

CCT= 6654K Prpc WL:  $L_d = 481.8\text{nm}$  Purity=8.6%

Peak WL:  $L_p = 456\text{nm}$  FWHM:  $=19.5\text{nm}$  Ratio: R=14.7% G=78.3% B=6.9%

Render Index:  $R_a = 87.9$  TM30:  $R_f = 84$   $R_g = 94$

R1 =90 R2 =97 R3 =94 R4 =83 R5 =87 R6 =89 R7 =86

R8 =75 R9 =38 R10=92 R11=85 R12=60 R13=94 R14=98 R15=88

LEVEL:OUT

TLCI Parameters: TLCI = 76.7

### Photometric & Radiometric Parameters

Flux = 215.40 lm Eff. : 81.76 lm/W  $\Phi_e = 725.71\text{ mW}$

EEL: 0.11226 A+

EEC: 81.8 G

### Electrical parameters

V = 5.000 V I = 0.5269 A P = 2.635 W PF = 1.000

Freq=0.00 Hz

**GBT5702**

**iPixel LED**

<https://www.ipixelleds.com>