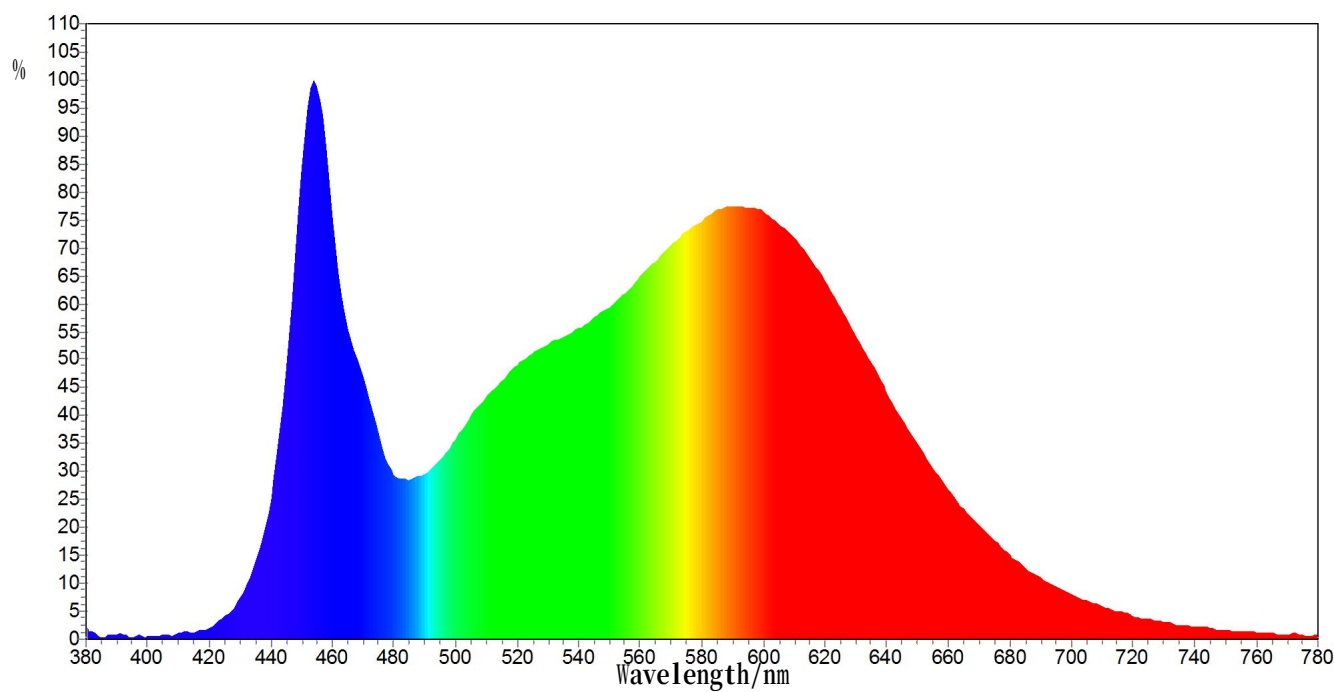
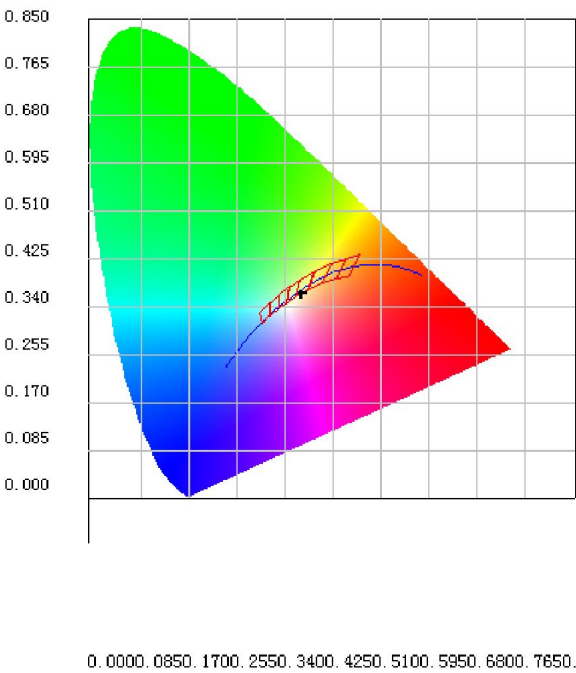


LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.3723 y: 0.3677
u: 0.2233 v: 0.3309
WD: 579.6 nm WP: 454.7 nm
HW: 22.9 nm Purity: 0.220
CCT: 4178 K Ra: 82.6
SDCM : 44.63 DUV : -0.0018
Ratio : R%: 30.9 G%: 44.9 B%: 24.2
Kred 15.66% Kgreen 79.50% Kblue 4.84%
R1: 81.3 R2: 91.7 R3: 95.3
R4: 79.7 R5: 82.1 R6: 87.5
R7: 82.3 R8: 60.9 R9: 3.8
R10: 79.3 R11: 75.5 R12: 56.1
R13: 84.0 R14: 98.3 R15: 74.9
Rf : 0.0 Rg : 0.0



Electrical parameters

Flux: 1180.759 lm E: 117.758 lm/w P: 3803.11 mw
I: 835.6 mA V: 12.00 V P: 10.027 w PF:

Memo:

1M

Product Mode:	B016120BB1LZ 6000-6500K	Item No:	10201-0143-00
Tester:	DINGNANJUAN	Date:	2023-6-5
Temperature:	28 (°C)	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

Spectrum Test Report

Sample :
Specification : B013120BB1LZ 6500±400K
Sample No. : 10201-0315-00
Manufacturer : iPixel LED

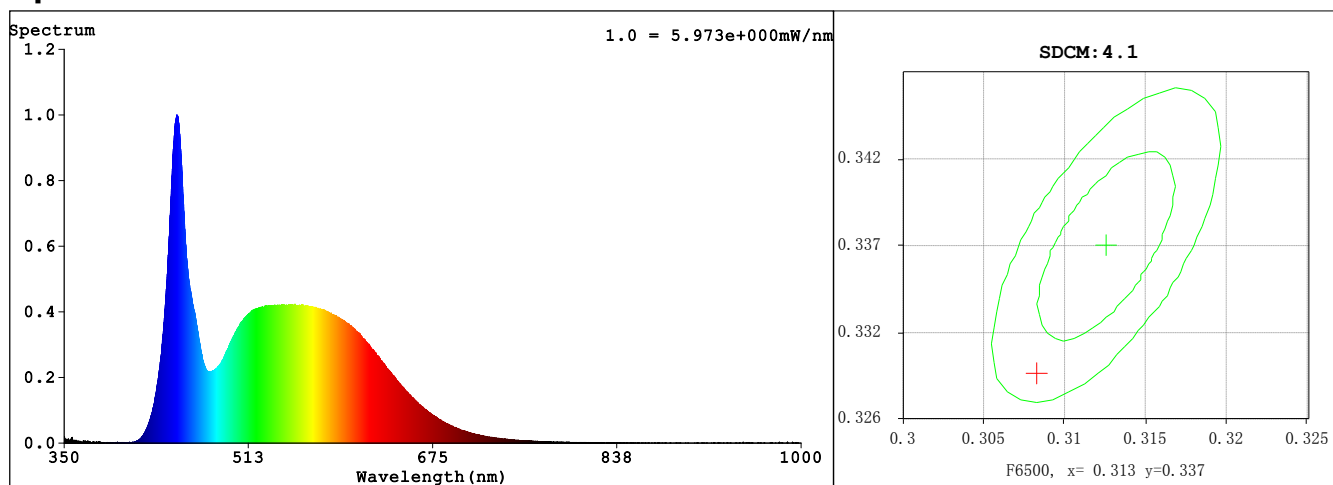
Date : 2025-12-20
Sam. Status : 208MM
Instrument : HAAS-2000(EVERFINE)
Test by : LZN

Test Condition

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

RH : 65.0%
IP : 52205 (80%)
T : 1535 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.3087 y = 0.3291 / u' = 0.1950 v' = 0.4678 (duv=5.28e-03)

CCT= 6723K Prpc WL: Ld=489.5nm Purity=8.6%

Peak WL: Lp=449nm FWHM: =19.1nm Ratio:R=13.2% G=81.1% B=5.7%

Render Index: Ra = 83.7 TM30:Rf=84 Rg=94

R1 =82 R2 =87 R3 =91 R4 =84 R5 =83 R6 =83 R7 =89

R8 =72 R9 =10 R10=70 R11=84 R12=60 R13=83 R14=95 R15=77

LEVEL:OUT

TLCI Parameters: TLCI = 73.7

Photometric & Radiometric Parameters

Flux = 165.23 lm Eff. : 74.60 lm/W Fe = 537.19 mW

EEL: 0.11413 A+

EEC: 74.6 G

Electrical parameters

V = 12.00 V I = 0.1846 A P = 2.215 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>