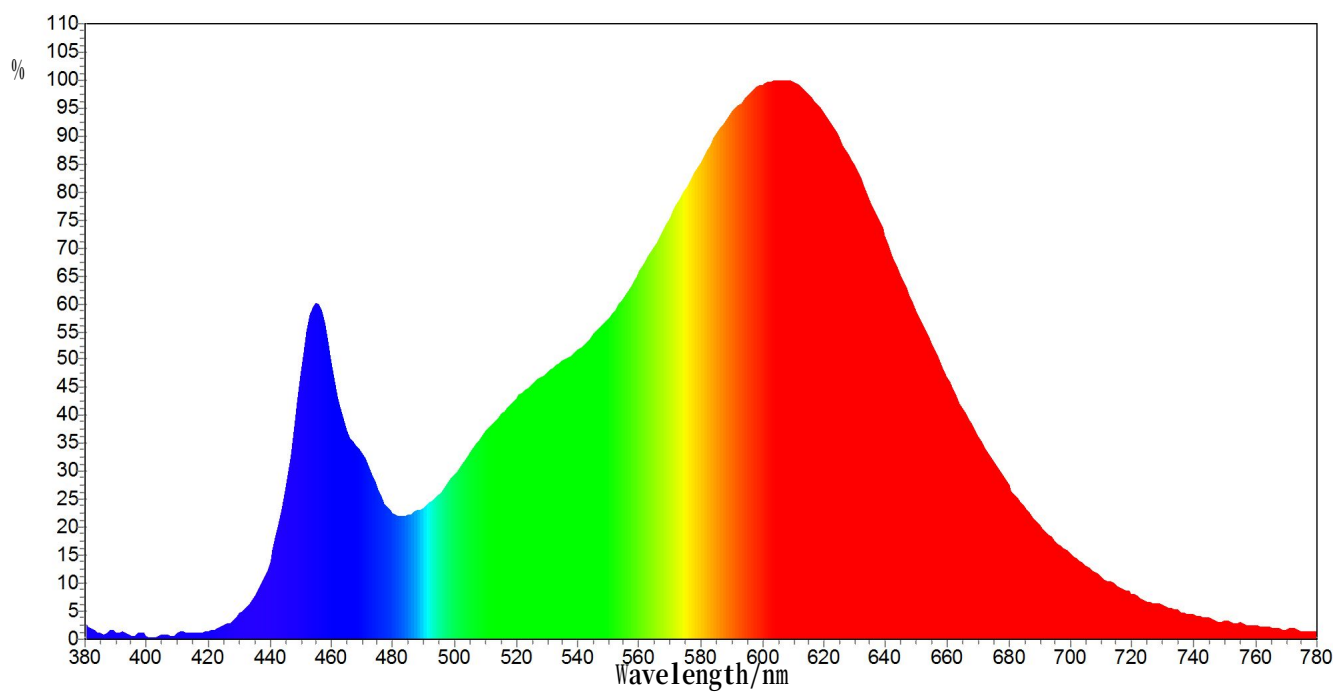
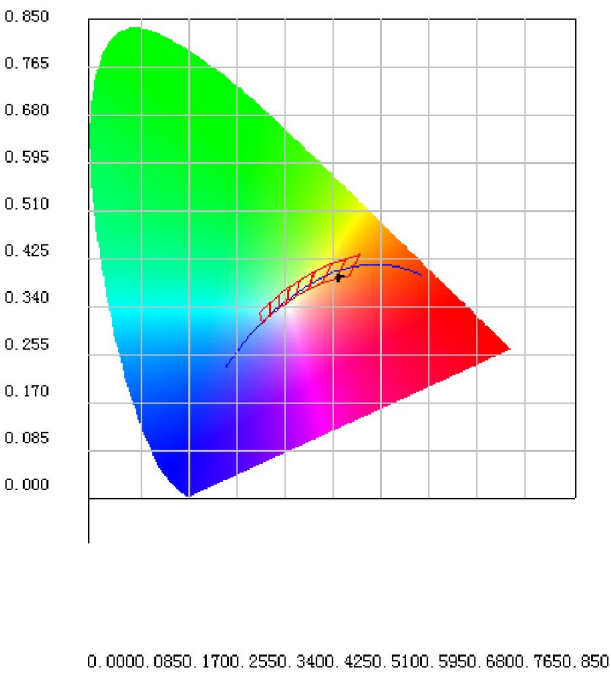


LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x: 0.4375 y: 0.3971
u: 0.2540 v: 0.3458
WD: 584.2 nm WP: 607.2 nm
HW: 121.9 nm Purity: 0.505
CCT: 2935 K Ra: 83.0
SDCM : 2.50 DUV : -0.0029
Ratio : R%: 43.8 G%: 41.6 B%: 14.6
Kred 21.00% Kgreen 75.74% Kblue 3.27%
R1: 82.0 R2: 93.1 R3: 94.3
R4: 80.6 R5: 84.0 R6: 92.6
R7: 79.6 R8: 57.7 R9: 10.6
R10: 84.4 R11: 70.6 R12: 71.3
R13: 84.5 R14: 97.9 R15: 74.7
Rf : 0.0 Rg : 0.0



Electrical parameters

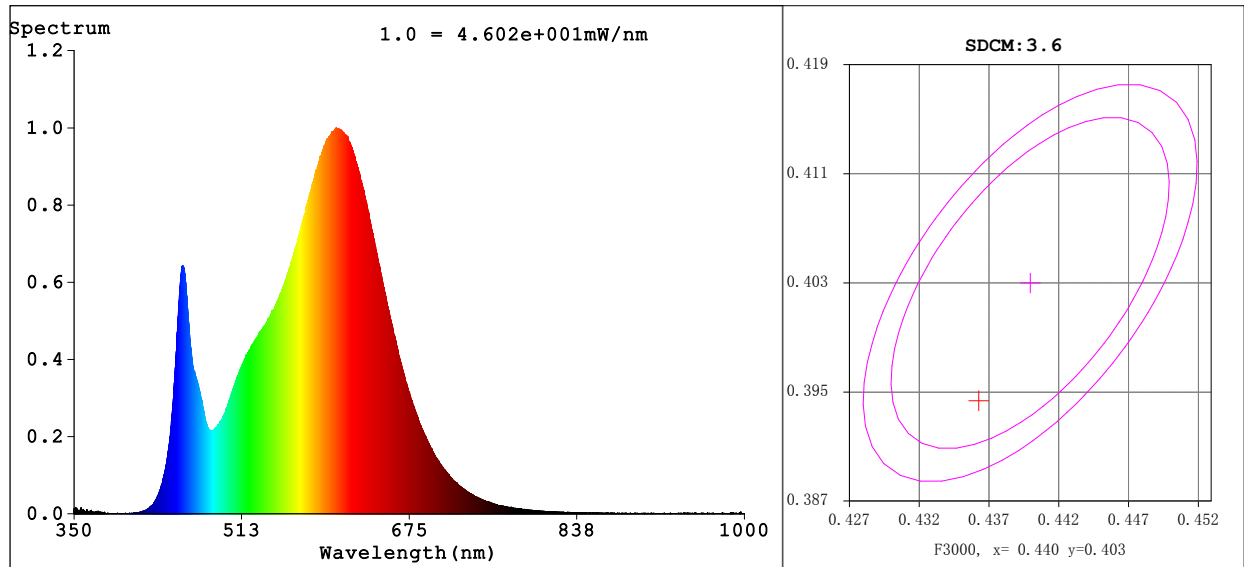
Flux: 3213.146 lm E: 110.855 lm/w P: 10383.30 mw
I: 1207.7 mA V: 24.00 V P: 28.985 w PF:

Memo:

1M

Product Mode:	S030420BC1LZ 2800-3200K	Item No:	10101-0541-00
Tester:	leixiaolan	Date:	2023-5-17
Temperature:	28 (°C)	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

Spectrum Test Report



Colorimetric Parameters

Chromaticity Coordinate: $x=0.4363$ $y=0.3946$ $u'=0.2543$ $v'=0.5175$ CCT=2931K (Duv=-0.0037) Dominant WL: $\lambda_d = 584.5\text{nm}$ Purity=49.4%Peak WL: $\lambda_p = 604.2\text{nm}$ FWHM=120.0nmRender Index: $R_a = 83.5$

R1 =84	R2 =95	R3 =93	R4 =80	R5 =84	R6 =93	R7 =81	
R8 =59	R9 =13	R10=87	R11=79	R12=75	R13=87	R14=97	R15=77

Photometric & Radiometric Parameters

Flux=2174 lm Eff.:87.01 lm/W $\Phi_e = 6.780\text{ W}$

EEI: 0.15655 A+

EEC: 87.0 F

Electrical parameters

 $V=24.00\text{ V}$ $I=1.041\text{ A}$ $P=24.99\text{ W}$ PF=1.000

Freq=0.00 Hz

LEVEL:OUT

Status: Integral $T = 491\text{ ms}$ $I_p = 47290$ (72%)

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

GBT5702

Model: S030300BC1LZ 2800-3200K
Test By: DINGNANJUAN
Temperature: 25.3 °C
Manufacturer: iPixel LED

Number: 10101-0540-00
Date: 2023-08-17
Humidity: 65.0%
Remarks: 1M

Spectrum Test Report

Sample :
Specification : S020240BC1LZ 2600-2800K
Sample No. : 10101-1165-00
Manufacturer : iPixel LED

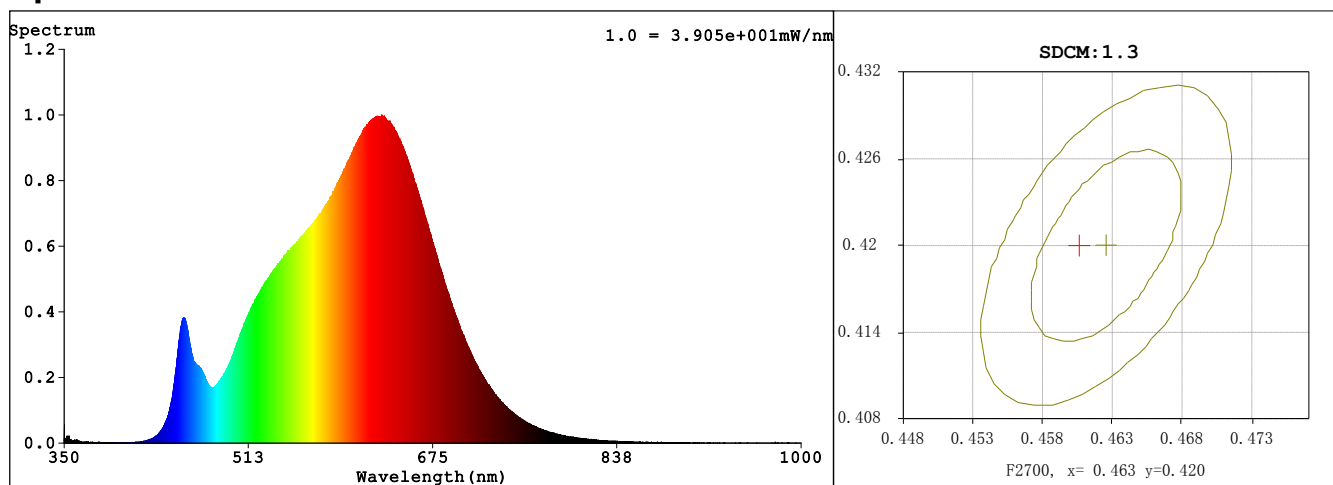
Date : 2025-11-06
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WHL

Test Condition

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

RH : 65.0%
IP : 53766 (82%)
T : 180 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4611$ $y = 0.4200$ / $u' = 0.2591$ $v' = 0.5311$ ($duv=3.34e-03$)

CCT= 2755K Prpc WL: $L_d=582.9nm$ Purity=64.5%

Peak WL: $L_p=630nm$ FWHM: $=155.1nm$ Ratio: $R=25.9\%$ $G=71.8\%$ $B=2.3\%$

Render Index: $R_a = 93.2$ TM30: $R_f=92$ $R_g=97$

$R_1=94$ $R_2=95$ $R_3=96$ $R_4=94$ $R_5=92$ $R_6=94$ $R_7=95$

$R_8=86$ $R_9=66$ $R_{10}=88$ $R_{11}=94$ $R_{12}=75$ $R_{13}=94$ $R_{14}=96$ $R_{15}=90$

LEVEL:OUT

TLCI Parameters: $TLCI = 94.4$

Photometric & Radiometric Parameters

Flux = 1795.2 lm Eff. : 89.24 lm/W $Fe = 6.3569 W$

EEL: 0.15265 A+

EEC: 89.2 F

Electrical parameters

$V = 24.00 V$ $I = 0.8383 A$ $P = 20.12 W$ $PF = 1.000$

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>