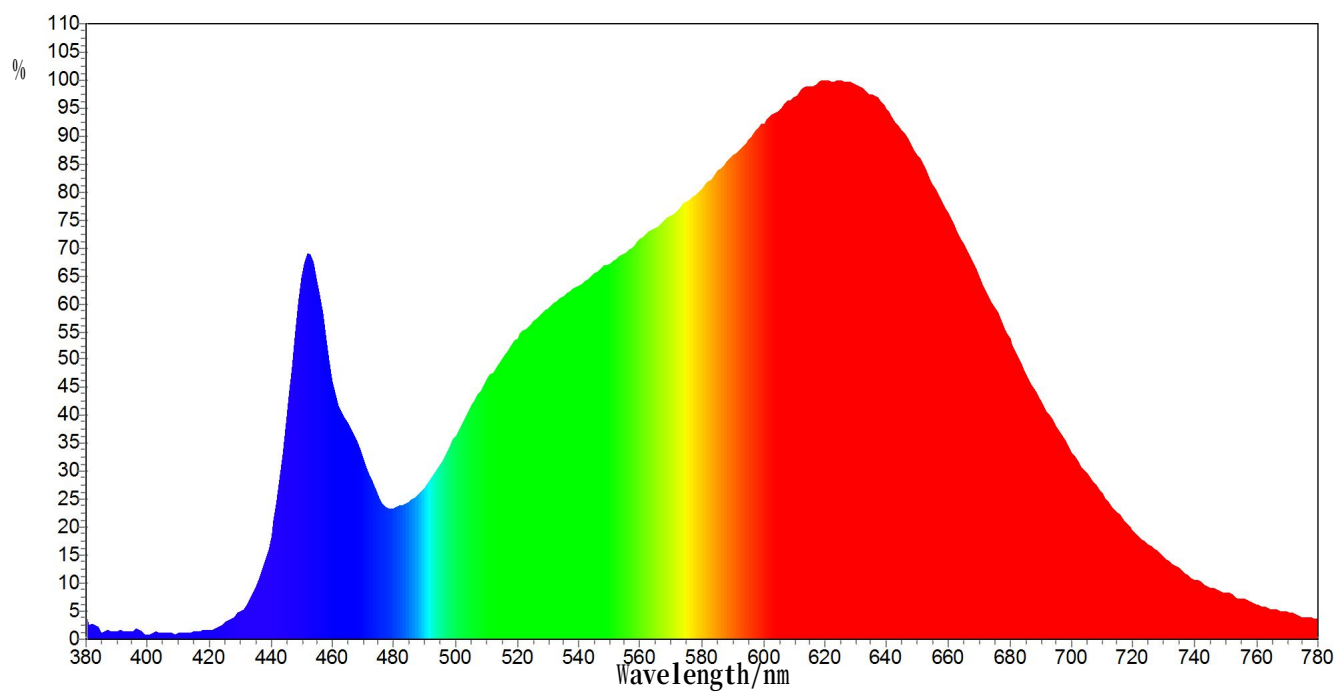
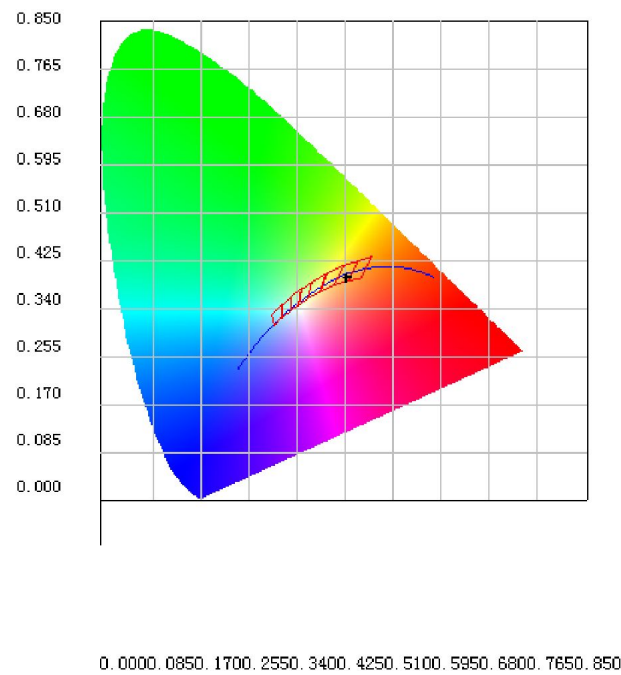


LED Photometric Colorimetric and Electric Test Report



Spectrum Parameters

x:	0.4278	y:	0.3973			0.850
u:	0.2475	v:	0.3449			0.765
WD:	582.9 nm	WP:	625.4 nm			0.595
HW:	169.0 nm	Purity:	0.477			0.510
CCT:	3112 K	Ra:	93.1			0.425
SDCM :	6.31	DUV :	-0.0014			0.340
Ratio :	R%: 49.6	G%: 36.9	B%: 13.5			0.255
Kred	21.40%	Kgreen	75.18%	Kblue	3.43%	0.170
R1:	93.8	R2:	96.0	R3:	96.1	0.085
R4:	93.8	R5:	93.4	R6:	94.1	0.000
R7:	92.7	R8:	85.1	R9:	66.3	
R10:	89.1	R11:	88.0	R12:	73.1	
R13:	94.2	R14:	97.0	R15:	91.0	
Rf :	0.0	Rg :	0.0			



Electrical parameters

Flux:	479.680 lm	E:	47.092 lm/w	P:	1763.67 mw		
I:	424.4 mA	V:	24.00 V	P:	10.186 w	PF:	

Memo:

1M

Product Mode:	N016120BC1LZ 2800-3200K	Item No:	10301-0581-00
Tester:	DINGNANJUAN	Date:	2023-2-16
Temperature:	28 (°C)	Humidity:	71 (%)
Manufacturer:	ipixel LED Light CO.,Ltd	organization:	

Spectrum Test Report

Sample :
Specification : N016120BB1LZ 3000±300K
Sample No. : 10301-1010-00
Manufacturer : iPixel LED

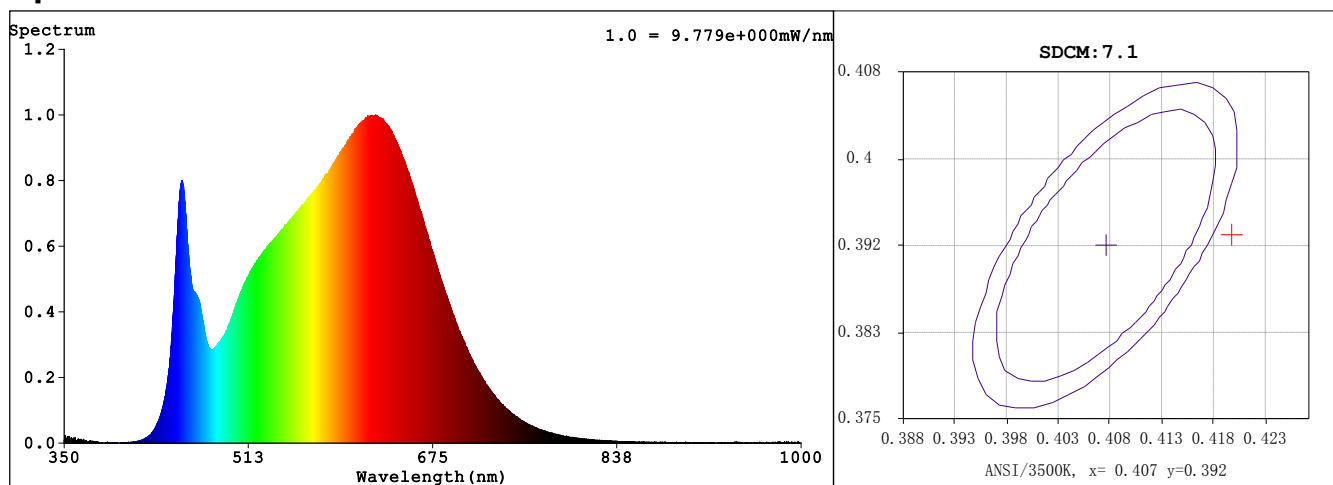
Date : 2024-06-25
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 49605 (76%)
T : 552 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4194 y = 0.3928 / u' = 0.2440 v' = 0.5142 (duv=-1.92e-03)

CCT= 3224K Prpc WL: Ld=582.7nm Purity=43.8%

Peak WL: Lp=625nm FWHM: =171.2nm Ratio:R=23.3% G=73.3% B=3.4%

Render Index: Ra = 94.4 TM30:Rf=92 Rg=100

R1 =95 R2 =98 R3 =98 R4 =94 R5 =95 R6 =96 R7 =93

R8 =87 R9 =71 R10=94 R11=94 R12=77 R13=97 R14=99 R15=93

LEVEL:OUT

TLCI Parameters: TLCI = 94.2

Photometric & Radiometric Parameters

Flux = 510.08 lm Eff. : 96.40 lm/W Fe = 1.7935 W

EEL: 0.11793 A+

EEC: 96.4 F

Electrical parameters

V = 12.00 V I = 0.4410 A P = 5.292 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>