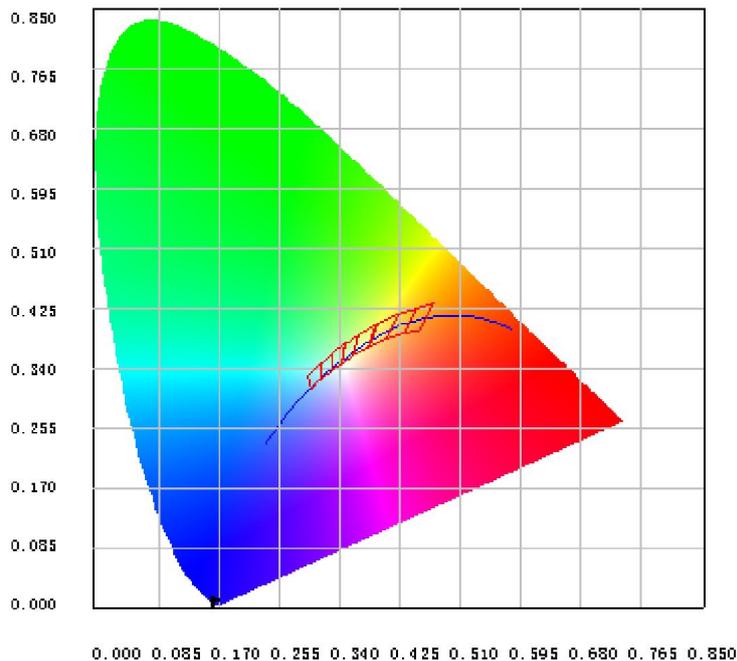


Spectrum Parameters

x:	0.1682	y:	0.0127		
u:	0.2389	v:	0.0272		
WD:	436.1 nm	WP:	423.2 nm		
HW:	20.8 nm	Purity:	98.872		
CCT:	100000 K	Ra:	-65.5		
SDCM:	166.68	DUV:	-0.0628		
Ratio:	R%: 0.1	G%: 0.6	B%: 99.3		
Kred	1.88%	Kgreen	27.37%	Kblue	70.75%
R1:	14.0	R2:	-37.2	R3:	-186.8
R4:	-145.7	R5:	17.3	R6:	-37.2
R7:	-77.6	R8:	-70.9	R9:	-215.3
R10:	-252.3	R11:	-154.0	R12:	-119.8
R13:	12.5	R14:	-46.4	R15:	48.6

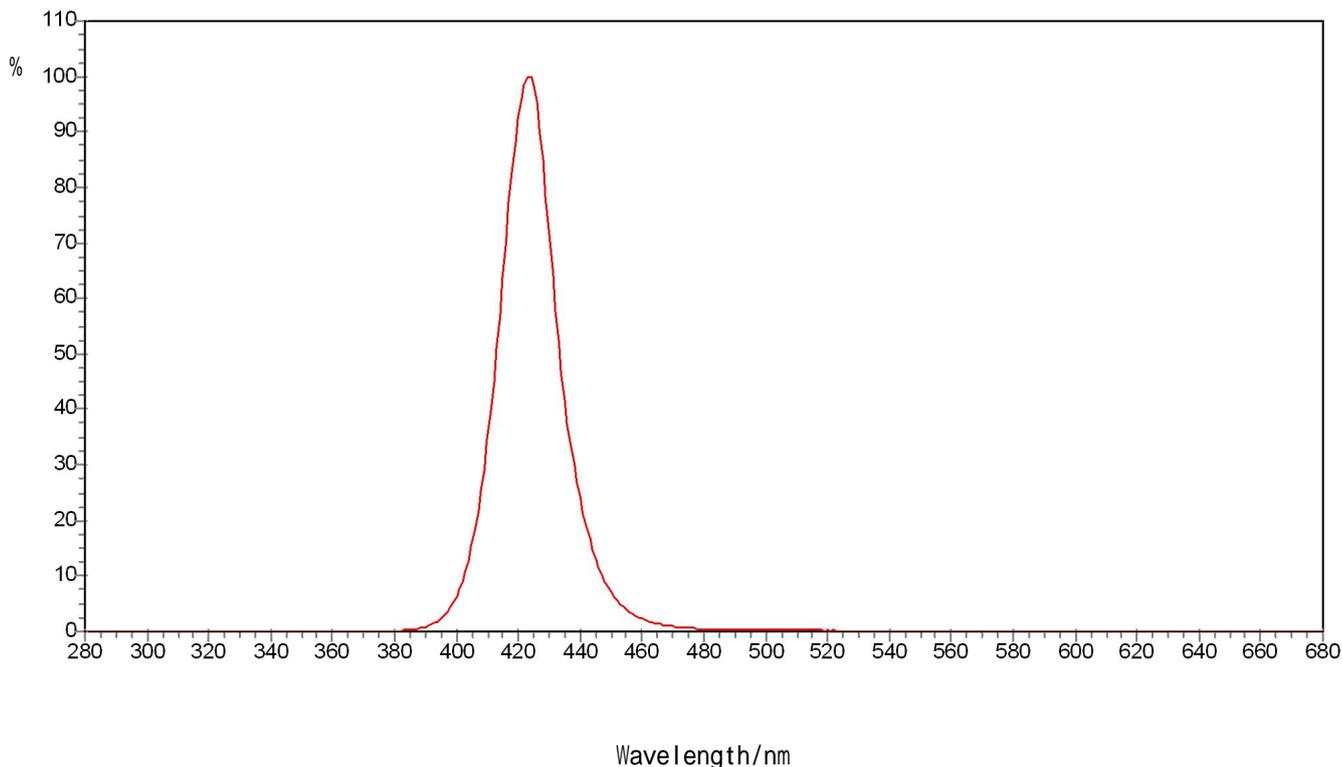


Electrical parameters

Flux:	12.079 lm	E:	4.589 lm/w	P:	355.85 mw		
I:	700.0 mA	V:	3.76 V	P:	2.632 w	PF:	

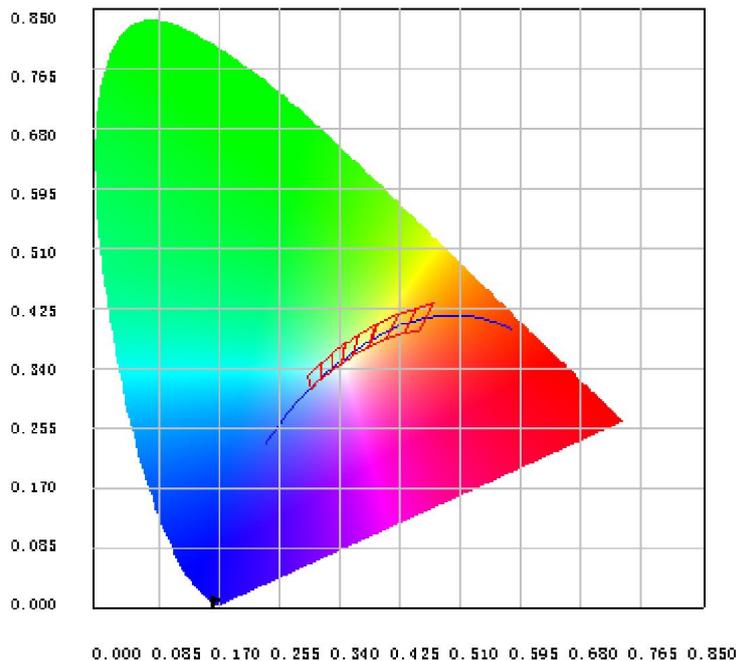
Memo:

Product Mode:	1	Item No:	19
Tester:	Y	Date:	2025-05-23 16:01
Temperature:	24 ()	Humidity:	60 (%)
Manufacturer:	ZVISION	organization:	杭州中为光电



Spectrum Parameters

x: 0.1681 y: 0.0123
 u: 0.2391 v: 0.0263
 WD: 436.1 nm WP: 423.2 nm
 HW: 20.5 nm Purity: 98.970
 CCT: 100000 K Ra: -66.0
 SDCM: 166.89 DUV: -0.0626
 Ratio: R%: 0.1 G%: 0.5 B%: 99.4
 Kred 1.85% Kgreen 25.74% Kblue 72.42%
 R1: 11.1 R2: -37.6 R3: -185.2
 R4: -145.3 R5: 15.3 R6: -39.1
 R7: -77.2 R8: -70.2 R9: -221.3
 R10: -249.9 R11: -154.9 R12: -122.3
 R13: 9.0 R14: -45.8 R15: 46.0

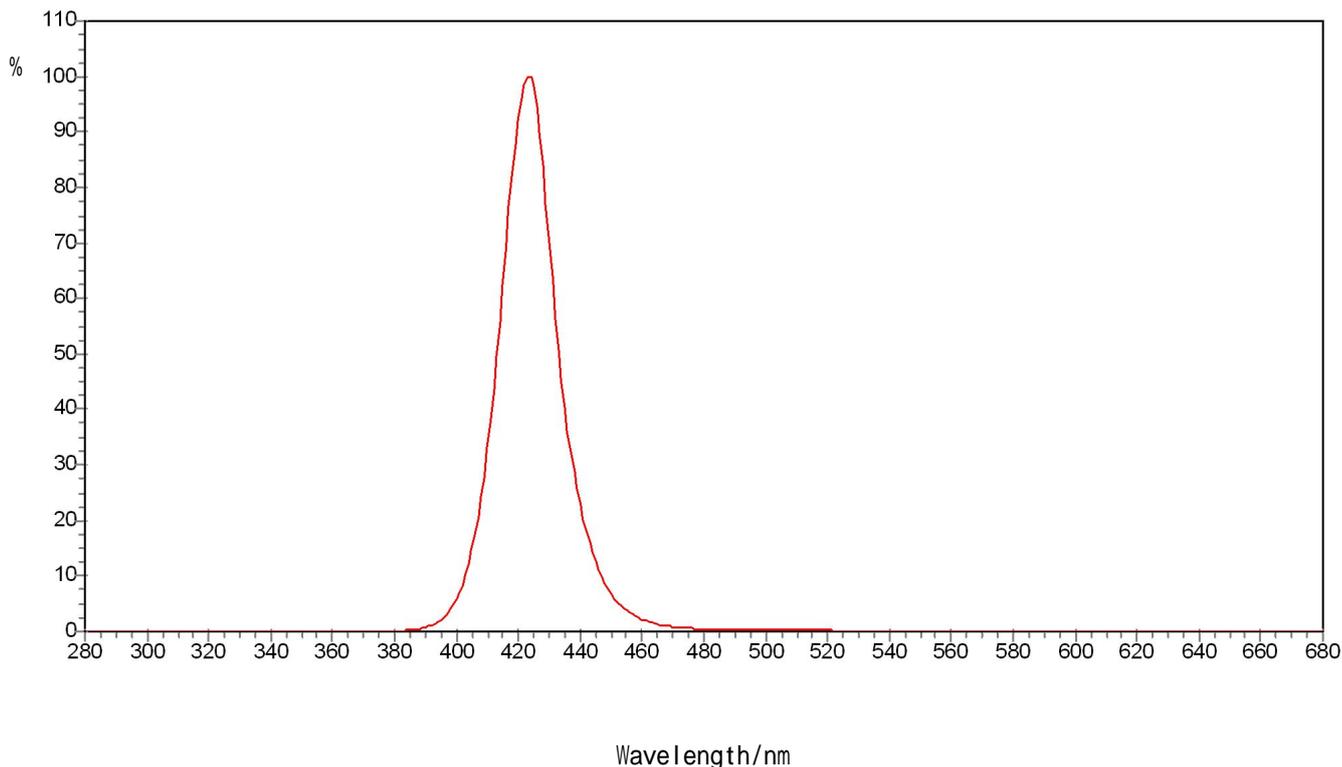


Electrical parameters

Flux: 10.418 lm E: 4.606 lm/w P: 309.09 mw
 I: 600.0 mA V: 3.77 V P: 2.262 w PF:

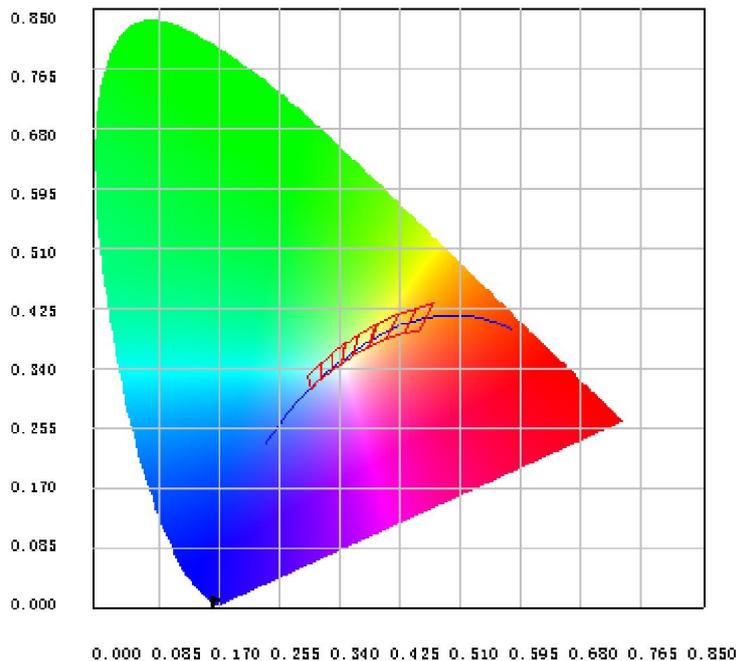
Memo:

Product Mode: 1	Item No: 20
Tester: Y	Date: 2025-05-23 16:01
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.1683 y: 0.0124
 u: 0.2393 v: 0.0266
 WD: 435.9 nm WP: 423.1 nm
 HW: 20.0 nm Purity: 98.937
 CCT: 100000 K Ra: -65.7
 SDCM: 166.84 DUV: -0.0624
 Ratio: R%: 0.1 G%: 0.5 B%: 99.4
 Kred 1.95% Kgreen 26.48% Kblue 71.57%
 R1: 14.0 R2: -38.3 R3: -186.8
 R4: -145.4 R5: 17.1 R6: -38.5
 R7: -77.9 R8: -70.1 R9: -210.5
 R10: -254.5 R11: -153.9 R12: -121.0
 R13: 11.2 R14: -46.4 R15: 48.1

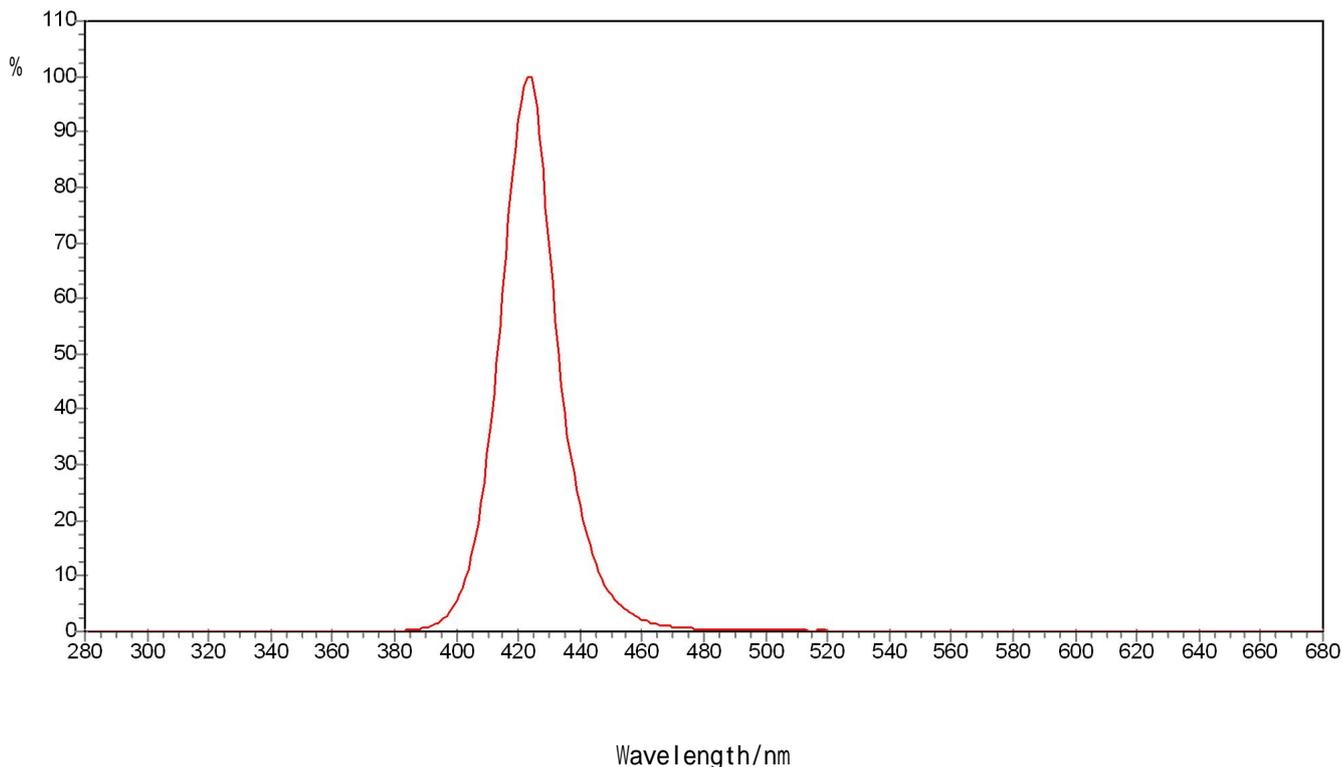


Electrical parameters

Flux: 8.451 lm E: 4.788 lm/w P: 251.14 mw
 I: 500.0 mA V: 3.53 V P: 1.765 w PF:

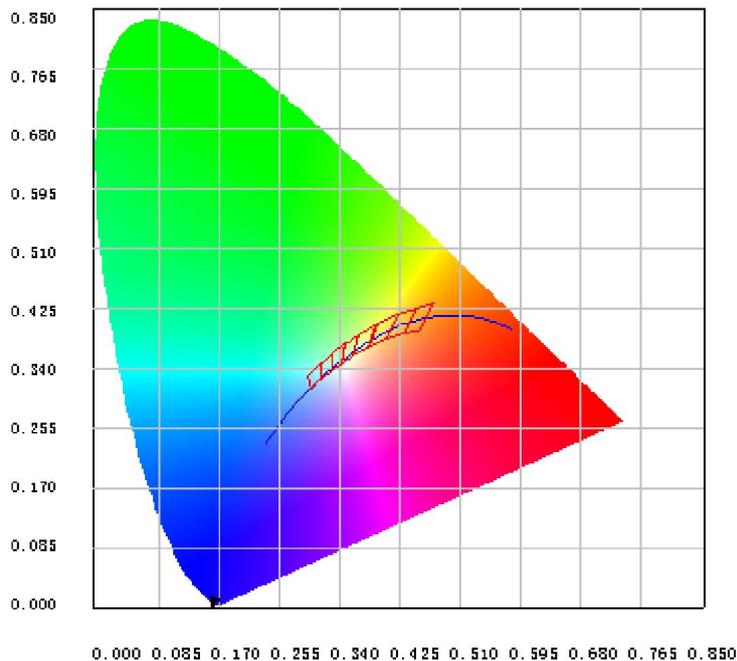
Memo:

Product Mode: 1	Item No: 21
Tester: Y	Date: 2025-05-23 16:01
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.1684 y: 0.0125
 u: 0.2395 v: 0.0266
 WD: 435.6 nm WP: 423.2 nm
 HW: 19.7 nm Purity: 98.907
 CCT: 100000 K Ra: -65.4
 SDCM : 166.84 DUV : -0.0623
 Ratio : R%: 0.2 G%: 0.5 B%: 99.3
 Kred 2.36% Kgreen 26.32% Kblue 71.32%
 R1: 16.9 R2: -39.5 R3: -188.6
 R4: -145.0 R5: 19.2 R6: -38.5
 R7: -78.6 R8: -69.2 R9: -195.6
 R10: -259.8 R11: -152.7 R12: -120.1
 R13: 12.3 R14: -47.1 R15: 49.9

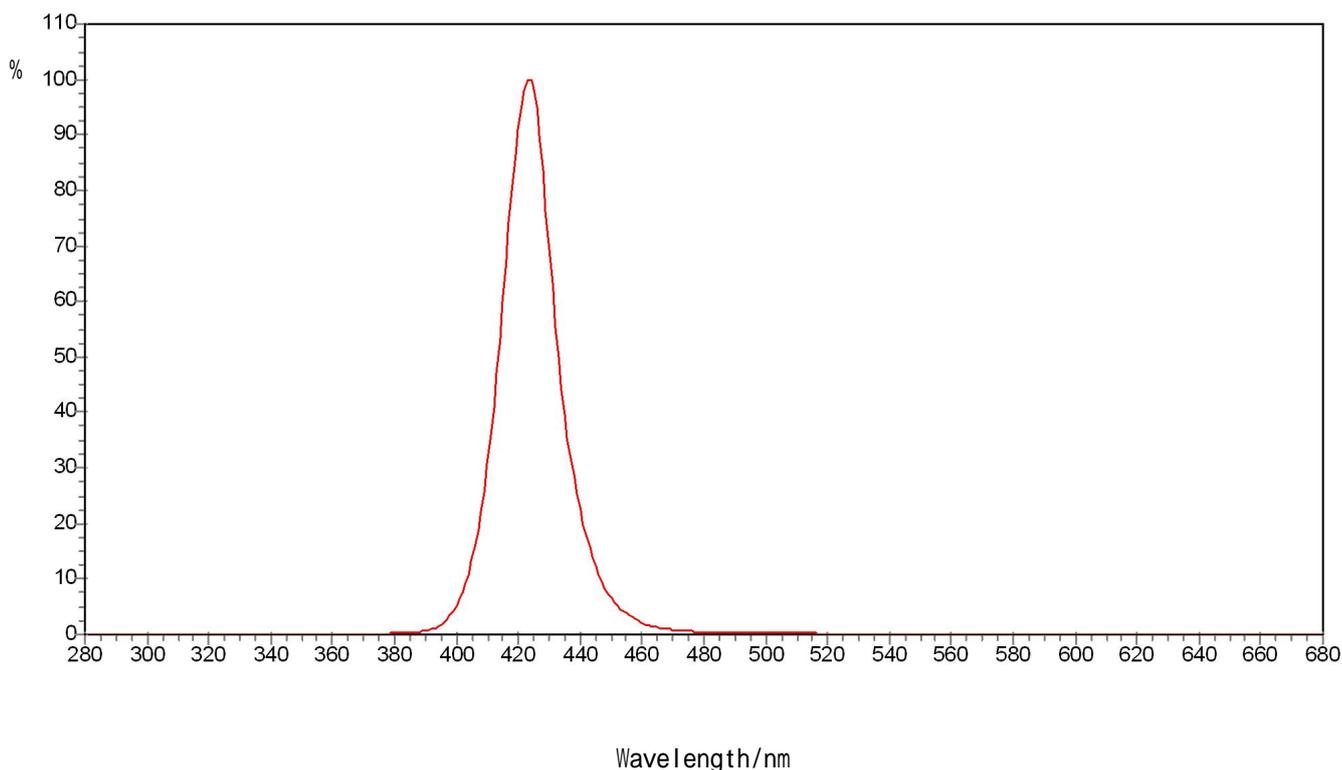


Electrical parameters

Flux: 7.074 lm E: 5.201 lm/w P: 211.85 mw
 I: 400.0 mA V: 3.40 V P: 1.360 w PF:

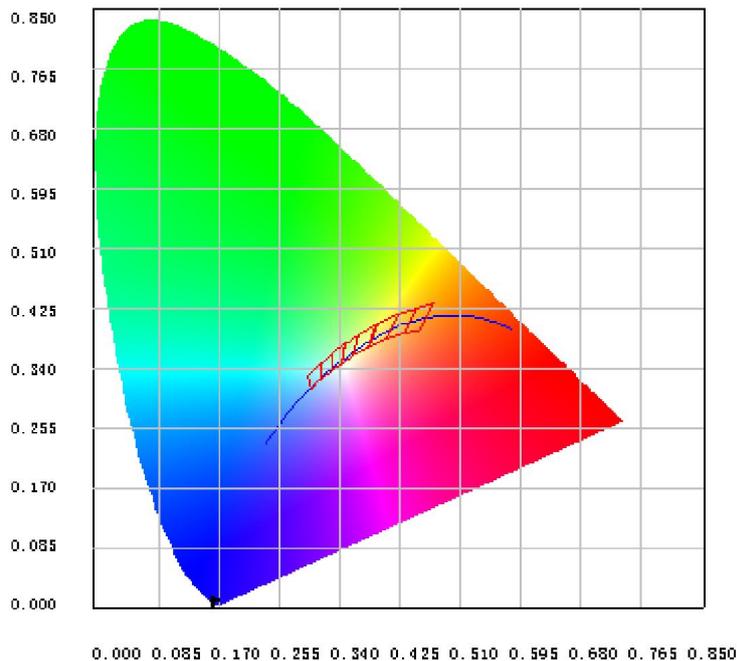
Memo:

Product Mode: 1	Item No: 22
Tester: Y	Date: 2025-05-23 16:01
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.1684 y: 0.0125
 u: 0.2394 v: 0.0266
 WD: 435.7 nm WP: 423.3 nm
 HW: 19.4 nm Purity: 98.893
 CCT: 100000 K Ra: -65.7
 SDCM: 166.83 DUV: -0.0623
 Ratio: R%: 0.2 G%: 0.5 B%: 99.3
 Kred 2.06% Kgreen 26.75% Kblue 71.20%
 R1: 16.3 R2: -39.1 R3: -188.8
 R4: -145.7 R5: 18.8 R6: -38.1
 R7: -78.8 R8: -70.3 R9: -202.9
 R10: -258.8 R11: -153.0 R12: -119.5
 R13: 12.7 R14: -47.2 R15: 49.4

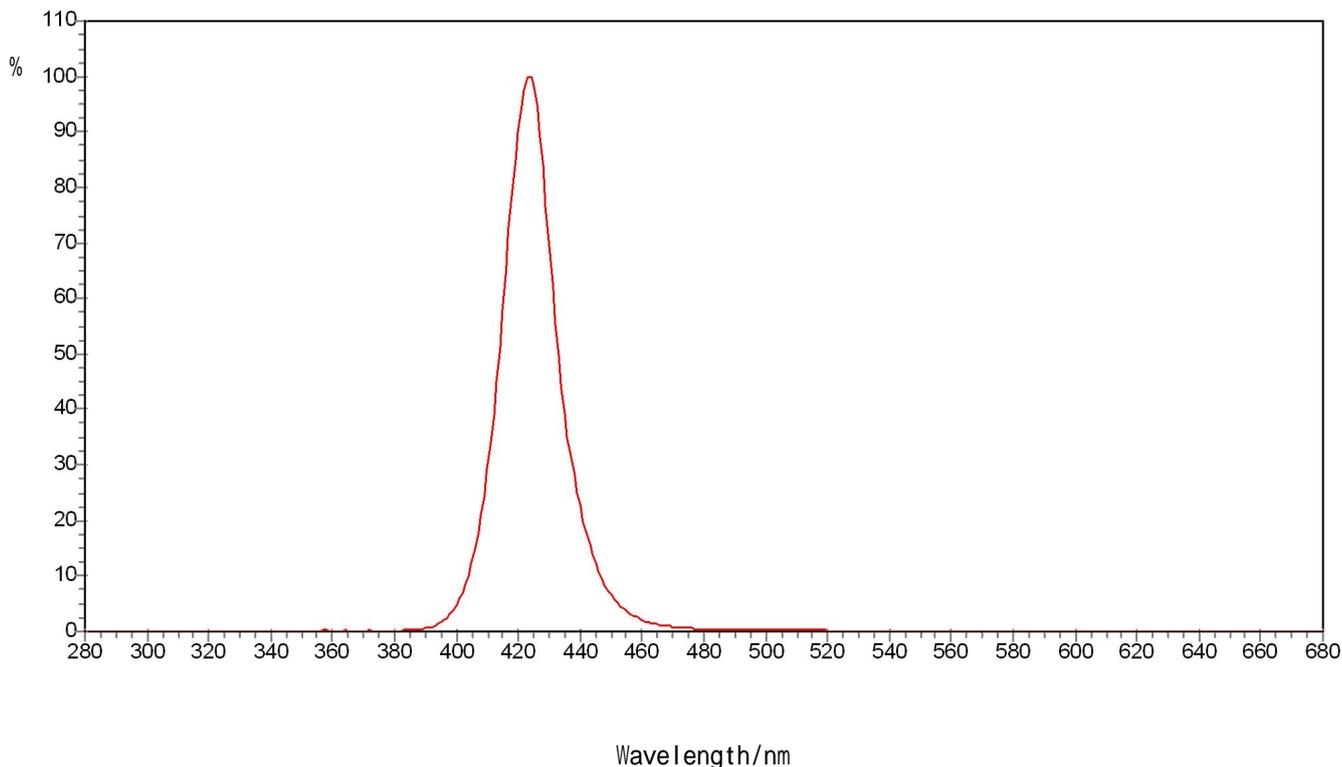


Electrical parameters

Flux: 6.102 lm E: 5.301 lm/w P: 184.37 mw
 I: 350.0 mA V: 3.29 V P: 1.151 w PF:

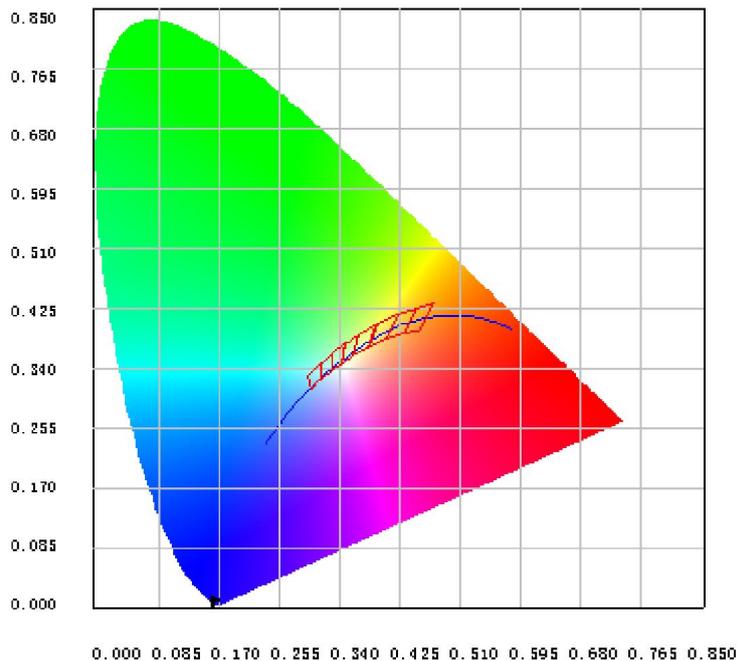
Memo:

Product Mode: 1	Item No: 23
Tester: Y	Date: 2025-05-23 16:01
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.1685 y: 0.0125
 u: 0.2395 v: 0.0267
 WD: 435.7 nm WP: 423.4 nm
 HW: 19.1 nm Purity: 98.889
 CCT: 100000 K Ra: -65.3
 SDCM : 166.82 DUV : -0.0621
 Ratio : R%: 0.2 G%: 0.5 B%: 99.3
 Kred 2.41% Kgreen 26.97% Kblue 70.62%
 R1: 19.5 R2: -40.3 R3: -190.3
 R4: -145.2 R5: 21.0 R6: -38.0
 R7: -79.4 R8: -69.5 R9: -188.2
 R10: -264.0 R11: -151.9 R12: -118.3
 R13: 13.8 R14: -47.8 R15: 51.2



Electrical parameters

Flux: 4.925 lm E: 5.179 lm/w P: 153.06 mw
 I: 300.0 mA V: 3.17 V P: 0.951 w PF:

Memo:

Product Mode: 1	Item No: 24
Tester: Y	Date: 2025-05-23 16:01
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电