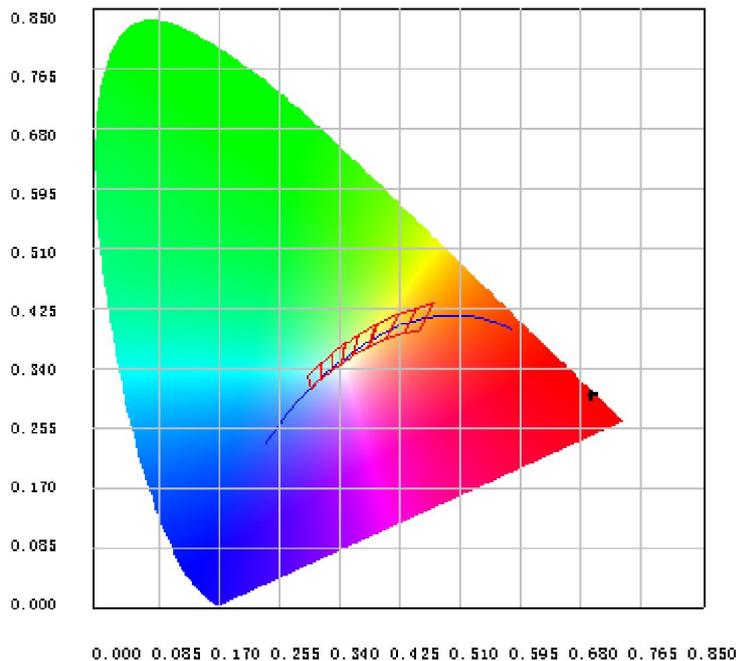


Spectrum Parameters

x: 0.6929 y: 0.3052
 u: 0.5252 v: 0.3470
 WD: 621.7 nm WP: 629.9 nm
 HW: 14.7 nm Purity: 99.433
 CCT: 1001 K Ra: 12.4
 SDCM : 366.35 DUV : -0.0010
 Ratio : R%: 98.3 G%: 1.5 B%: 0.2
 Kred 95.10% Kgreen 4.86% Kblue 0.03%
 R1: 5.8 R2: 79.2 R3: 26.7
 R4: -28.5 R5: 0.5 R6: 91.8
 R7: 0.9 R8: -77.4 R9: -235.8
 R10: 73.8 R11: -13.2 R12: 78.1
 R13: 30.3 R14: 57.5 R15: -38.4

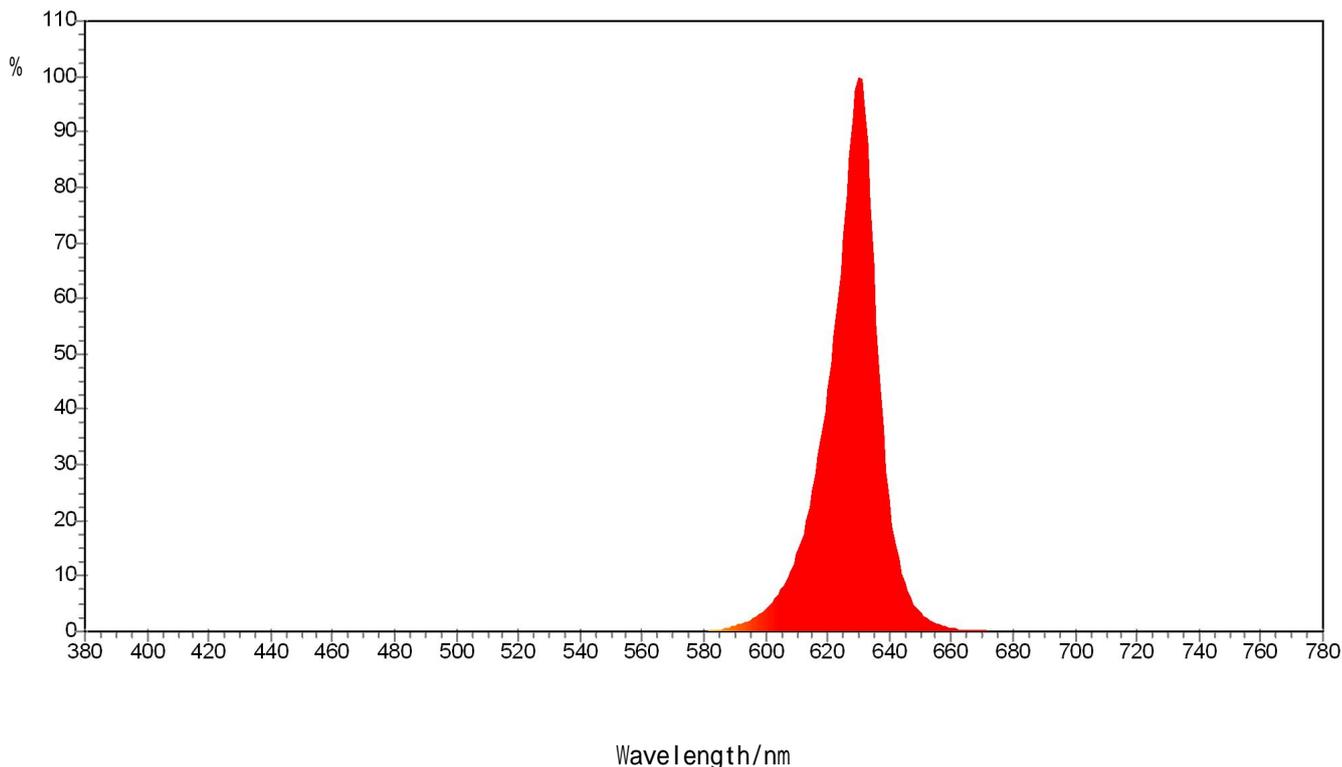


Electrical parameters

Flux: 53.846 lm E: 92.838 lm/w P: 203.43 mw
 I: 250.0 mA V: 2.32 V P: 0.580 w PF:

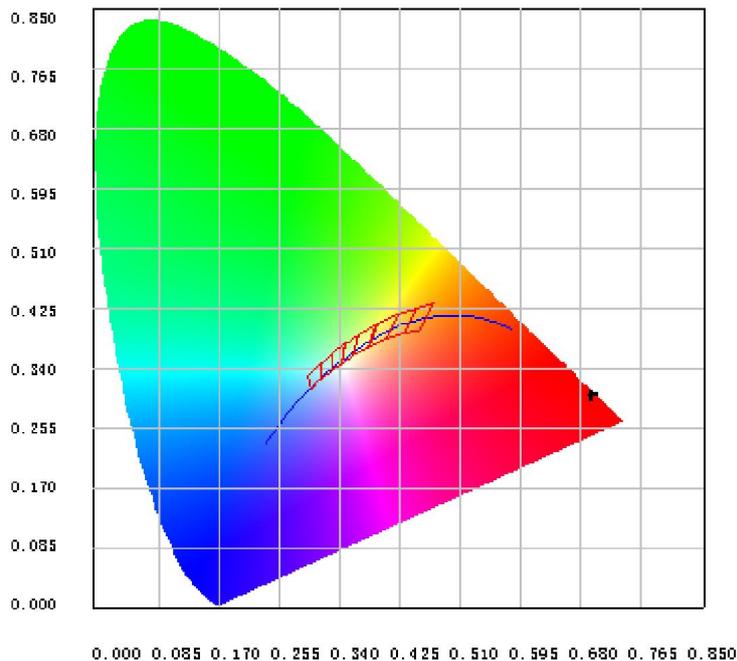
Memo:

Product Mode: 1	Item No: 1
Tester: Y	Date: 2025-05-13 14:39
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x:	0.6928	y:	0.3051		
u:	0.5254	v:	0.3470		
WD:	621.8 nm	WP:	630.2 nm		
HW:	15.2 nm	Purity:	99.405		
CCT:	1001 K	Ra:	13.3		
SDCM:	366.40	DUV:	-0.0011		
Ratio:	R%: 98.2	G%: 1.5	B%: 0.3		
Kred	95.03%	Kgreen	4.92%	Kblue	0.05%
R1:	6.7	R2:	79.7	R3:	26.8
R4:	-26.9	R5:	2.0	R6:	92.3
R7:	1.6	R8:	-75.7	R9:	-232.8
R10:	74.8	R11:	-11.2	R12:	76.8
R13:	31.2	R14:	57.6	R15:	-37.2

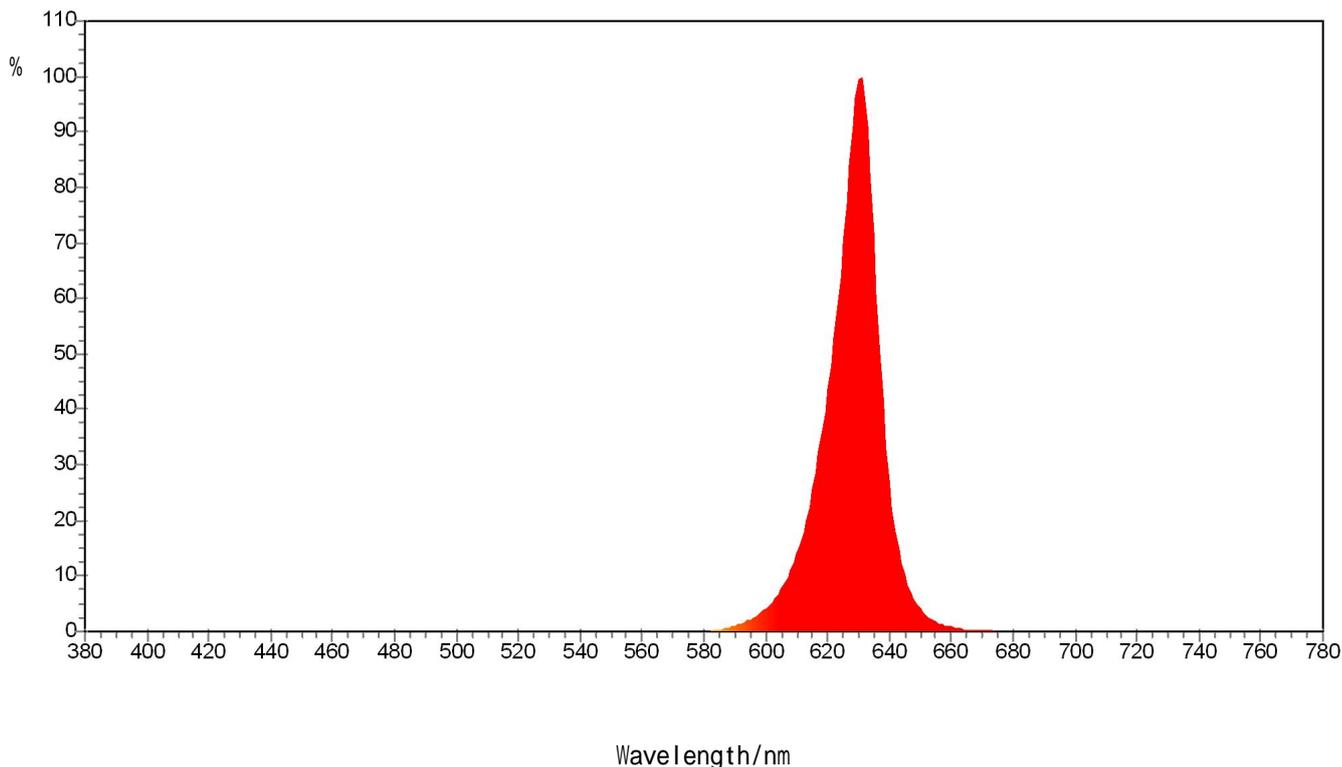


Electrical parameters

Flux:	74.891 lm	E:	86.280 lm/w	P:	284.37 mw		
I:	350.0 mA	V:	2.48 V	P:	0.868 w	PF:	

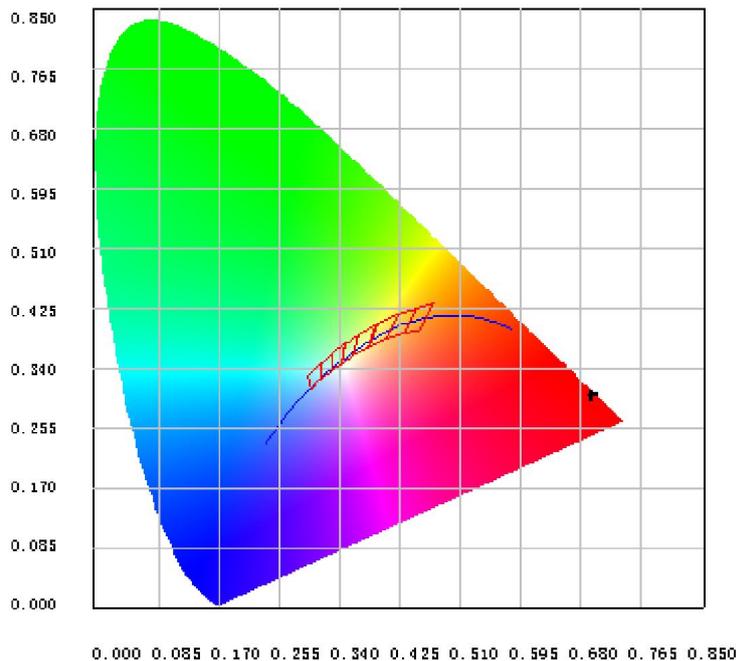
Memo:

Product Mode:	1	Item No:	2
Tester:	Y	Date:	2025-05-13 14:39
Temperature:	24 ()	Humidity:	60 (%)
Manufacturer:	ZVISION	organization:	杭州中为光电



Spectrum Parameters

x: 0.6933 y: 0.3045
 u: 0.5265 v: 0.3468
 WD: 622.1 nm WP: 630.5 nm
 HW: 15.6 nm Purity: 99.374
 CCT: 1001 K Ra: 12.2
 SDCM: 367.11 DUV: -0.0011
 Ratio: R%: 98.3 G%: 1.4 B%: 0.3
 Kred 95.13% Kgreen 4.83% Kblue 0.04%
 R1: 5.3 R2: 79.0 R3: 26.5
 R4: -29.4 R5: 0.0 R6: 91.5
 R7: 1.3 R8: -76.4 R9: -234.3
 R10: 73.6 R11: -14.7 R12: 78.0
 R13: 29.8 R14: 57.3 R15: -38.4

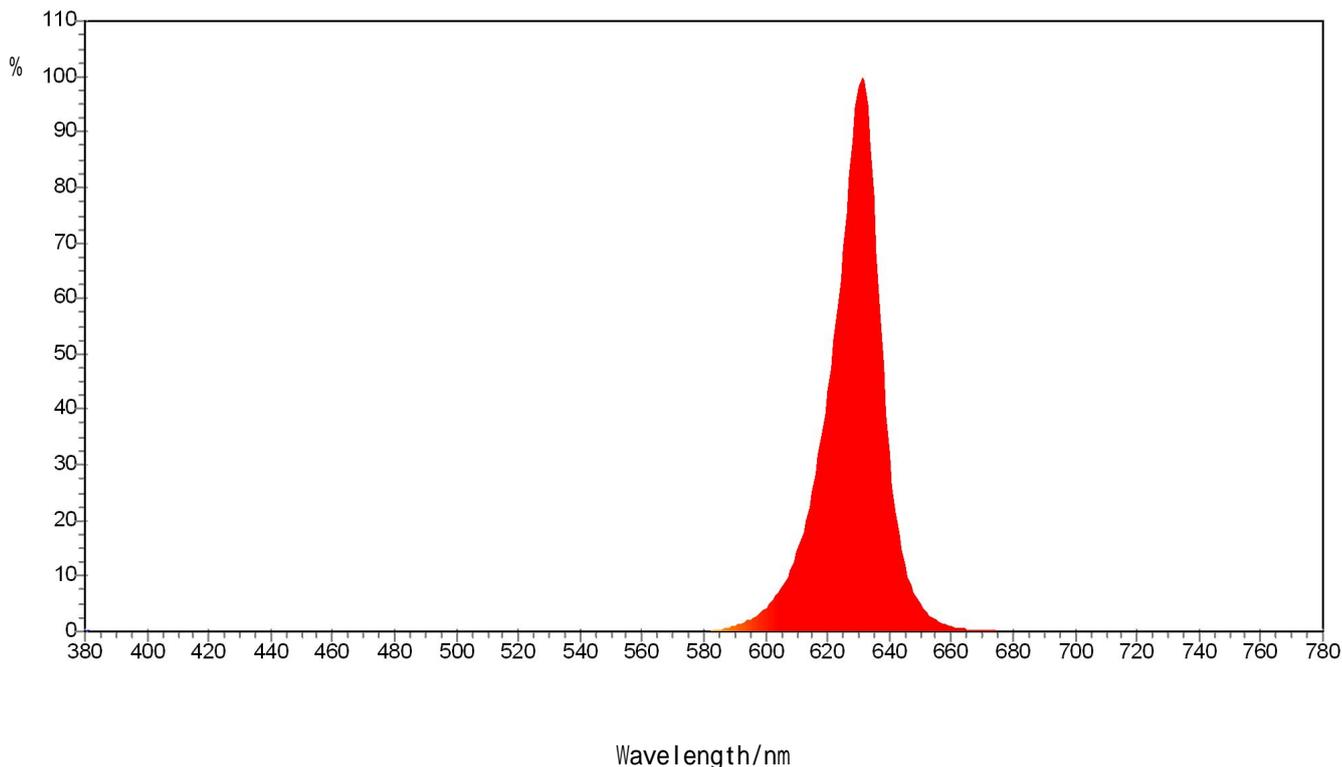


Electrical parameters

Flux: 103.700 lm E: 74.874 lm/w P: 399.57 mw
 I: 500.0 mA V: 2.77 V P: 1.385 w PF:

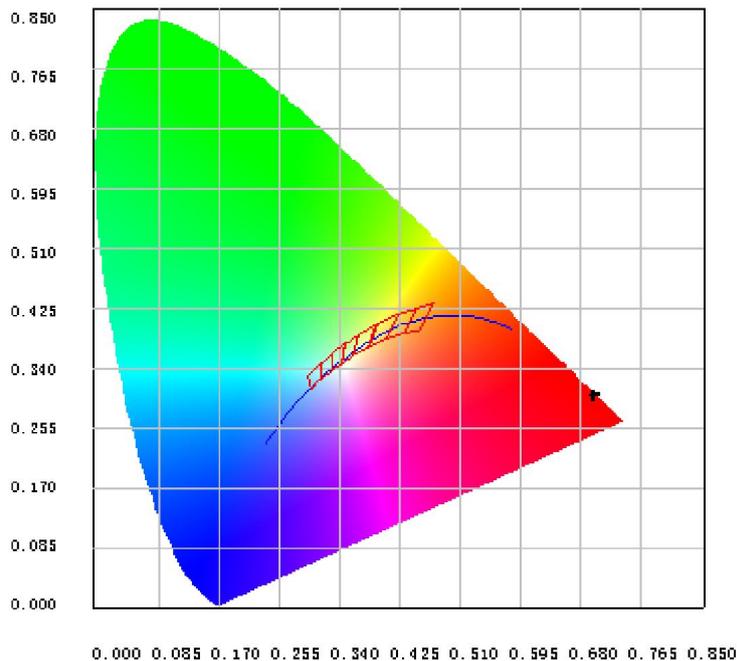
Memo:

Product Mode: 1	Item No: 3
Tester: Y	Date: 2025-05-13 14:39
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x:	0.6950	y:	0.3043		
u:	0.5284	v:	0.3470		
WD:	622.1 nm	WP:	630.9 nm		
HW:	16.3 nm	Purity:	99.842		
CCT:	1001 K	Ra:	10.6		
SDCM:	368.76	DUV:	-0.0008		
Ratio:	R%: 98.5	G%: 1.3	B%: 0.2		
Kred	95.26%	Kgreen	4.73%	Kblue	0.01%
R1:	2.9	R2:	77.6	R3:	26.2
R4:	-32.5	R5:	-3.1	R6:	89.6
R7:	1.2	R8:	-77.4	R9:	-236.8
R10:	71.4	R11:	-19.0	R12:	79.2
R13:	27.5	R14:	56.8	R15:	-40.2

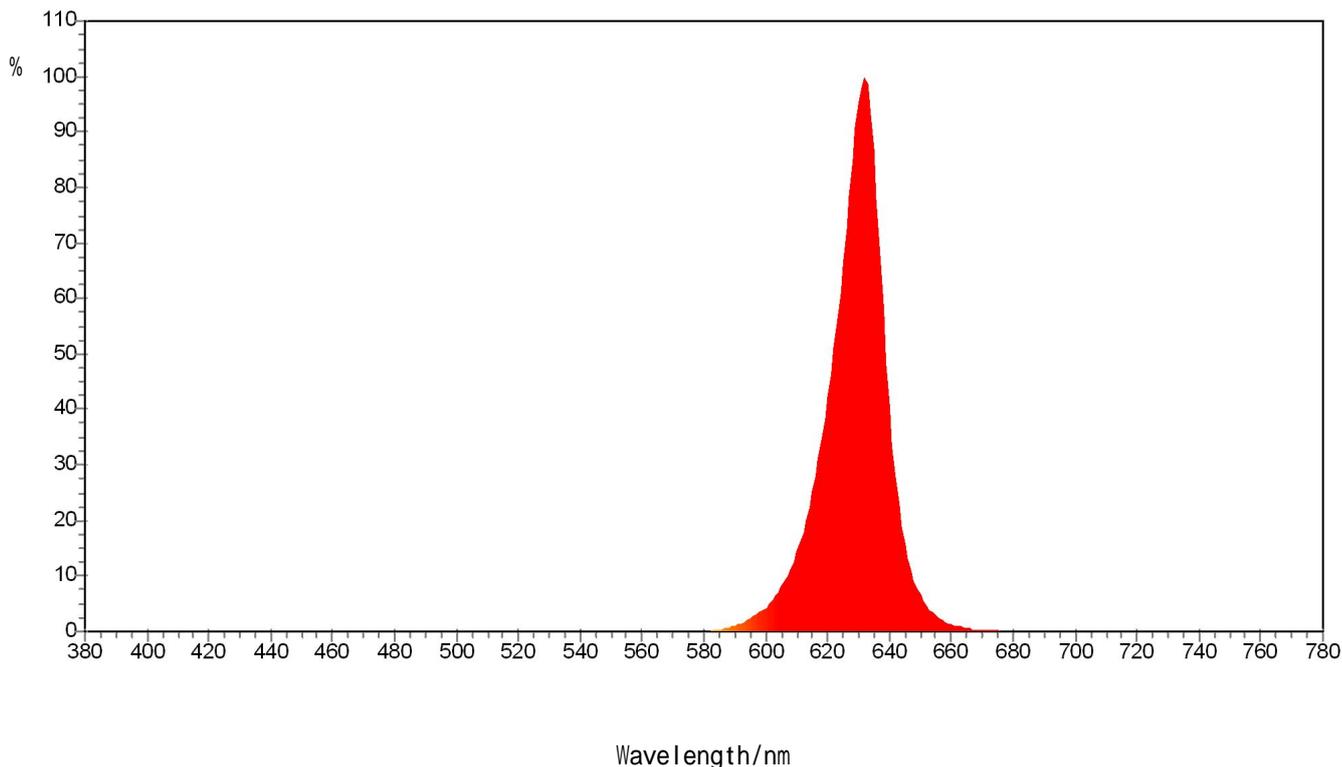


Electrical parameters

Flux:	142.225 lm	E:	68.181 lm/w	P:	547.94 mw		
I:	700.0 mA	V:	2.98 V	P:	2.086 w	PF:	

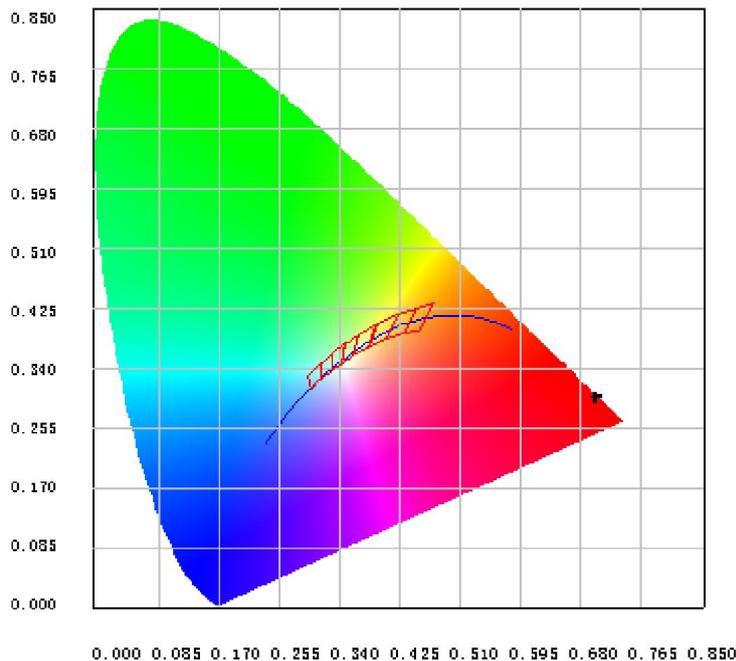
Memo:

Product Mode:	1	Item No:	4
Tester:	Y	Date:	2025-05-13 14:39
Temperature:	24 ()	Humidity:	60 (%)
Manufacturer:	ZVISION	organization:	杭州中为光电



Spectrum Parameters

x: 0.6973 y: 0.3040
 u: 0.5309 v: 0.3472
 WD: 622.3 nm WP: 631.7 nm
 HW: 17.1 nm Purity: 100.000
 CCT: 1001 K Ra: 8.7
 SDCM : 371.02 DUV : -0.0004
 Ratio: R%: 98.7 G%: 1.3 B%: 0.0
 Kred 95.39% Kgreen 4.61% Kblue 0.00%
 R1: 0.3 R2: 76.1 R3: 26.2
 R4: -36.2 R5: -6.5 R6: 87.1
 R7: 1.2 R8: -78.3 R9: -239.3
 R10: 69.0 R11: -24.2 R12: 78.4
 R13: 25.1 R14: 56.4 R15: -42.3

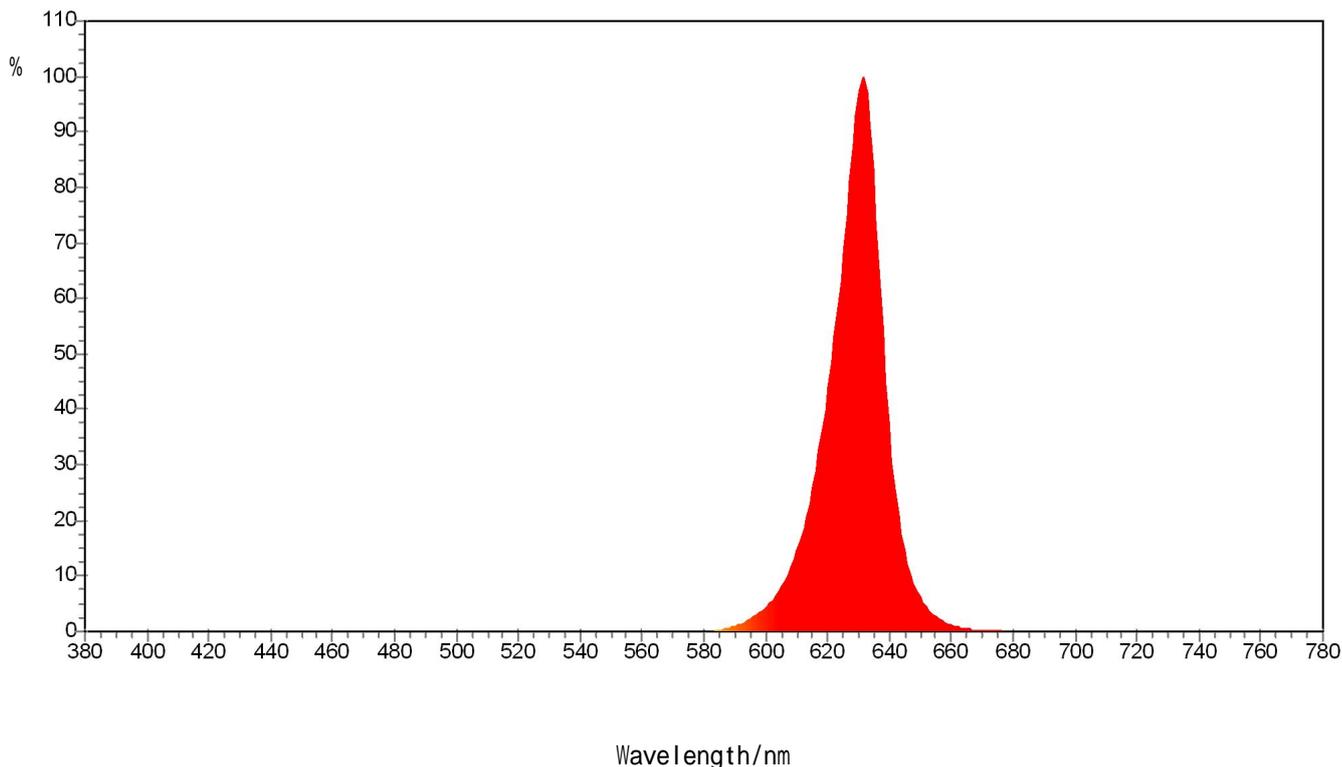


Electrical parameters

Flux: 192.372 lm E: 61.070 lm/w P: 748.25 mw
 I: 1000.0 mA V: 3.15 V P: 3.150 w PF:

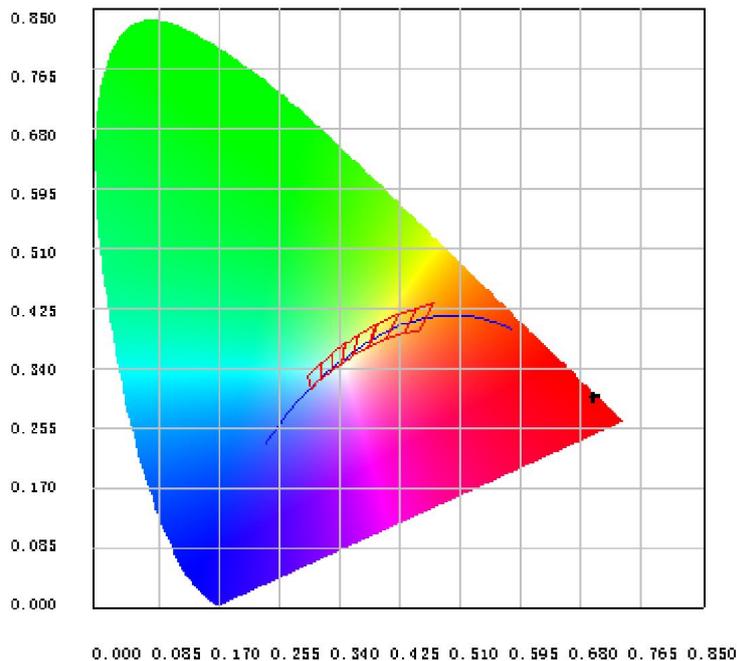
Memo:

Product Mode: 1	Item No: 5
Tester: Y	Date: 2025-05-13 14:39
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.6958 y: 0.3040
 u: 0.5294 v: 0.3470
 WD: 622.3 nm WP: 631.3 nm
 HW: 17.1 nm Purity: 99.964
 CCT: 1001 K Ra: 9.3
 SDCM : 369.57 DUV : -0.0007
 Ratio: R%: 98.6 G%: 1.3 B%: 0.1
 Kred 95.32% Kgreen 4.67% Kblue 0.01%
 R1: 1.3 R2: 76.9 R3: 25.3
 R4: -35.1 R5: -5.0 R6: 88.7
 R7: 0.9 R8: -78.1 R9: -238.3
 R10: 70.7 R11: -22.4 R12: 79.2
 R13: 26.1 R14: 56.0 R15: -41.7

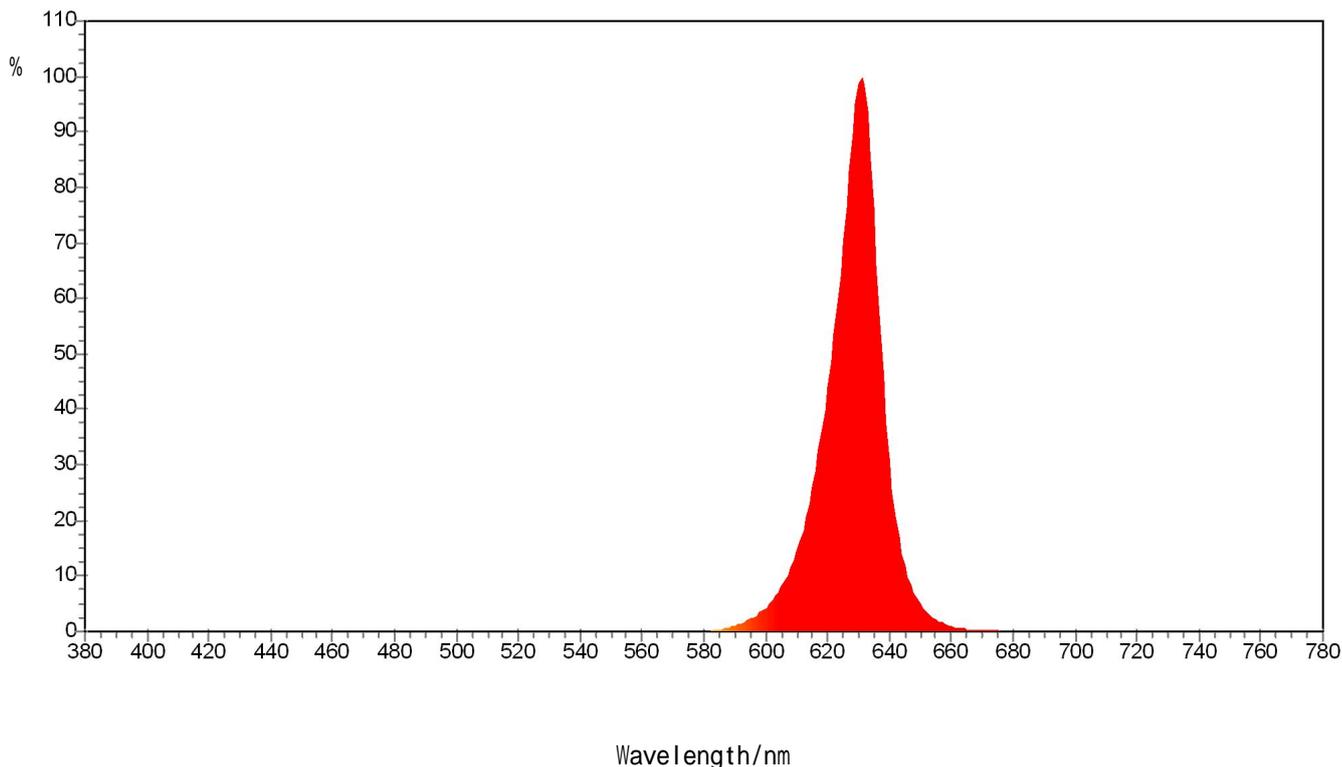


Electrical parameters

Flux: 197.743 lm E: 57.151 lm/w P: 768.56 mw
 I: 1000.0 mA V: 3.46 V P: 3.460 w PF:

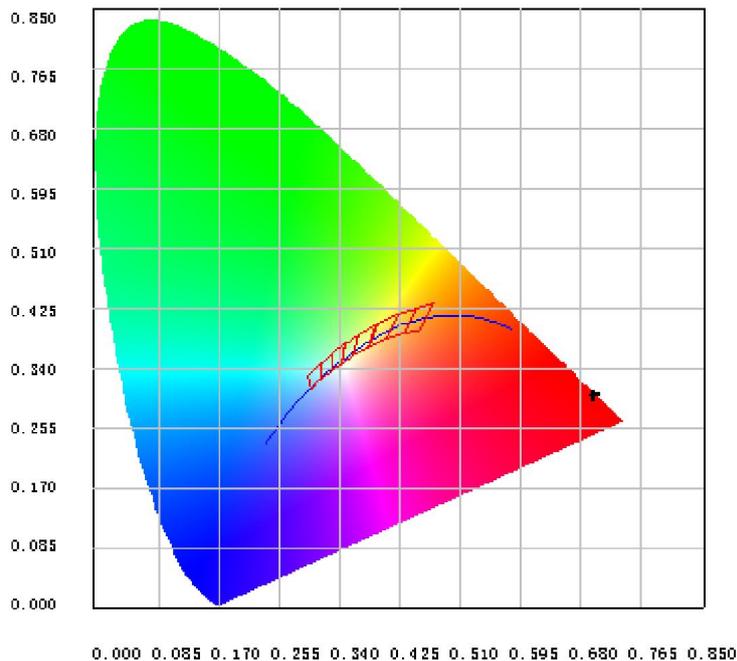
Memo:

Product Mode: 1	Item No: 6
Tester: Y	Date: 2025-05-13 14:39
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x:	0.6944	y:	0.3044		
u:	0.5276	v:	0.3470		
WD:	622.0 nm	WP:	630.8 nm		
HW:	16.3 nm	Purity:	99.704		
CCT:	1001 K	Ra:	11.2		
SDCM :	368.14	DUV :	-0.0009		
Ratio :	R%: 98.5	G%: 1.3	B%: 0.2		
Kred	95.20%	Kgreen	4.78%	Kblue	0.03%
R1:	3.7	R2:	78.1	R3:	26.6
R4:	-31.6	R5:	-2.0	R6:	90.3
R7:	1.3	R8:	-76.9	R9:	-235.5
R10:	72.2	R11:	-18.0	R12:	78.9
R13:	28.4	R14:	57.1	R15:	-39.5

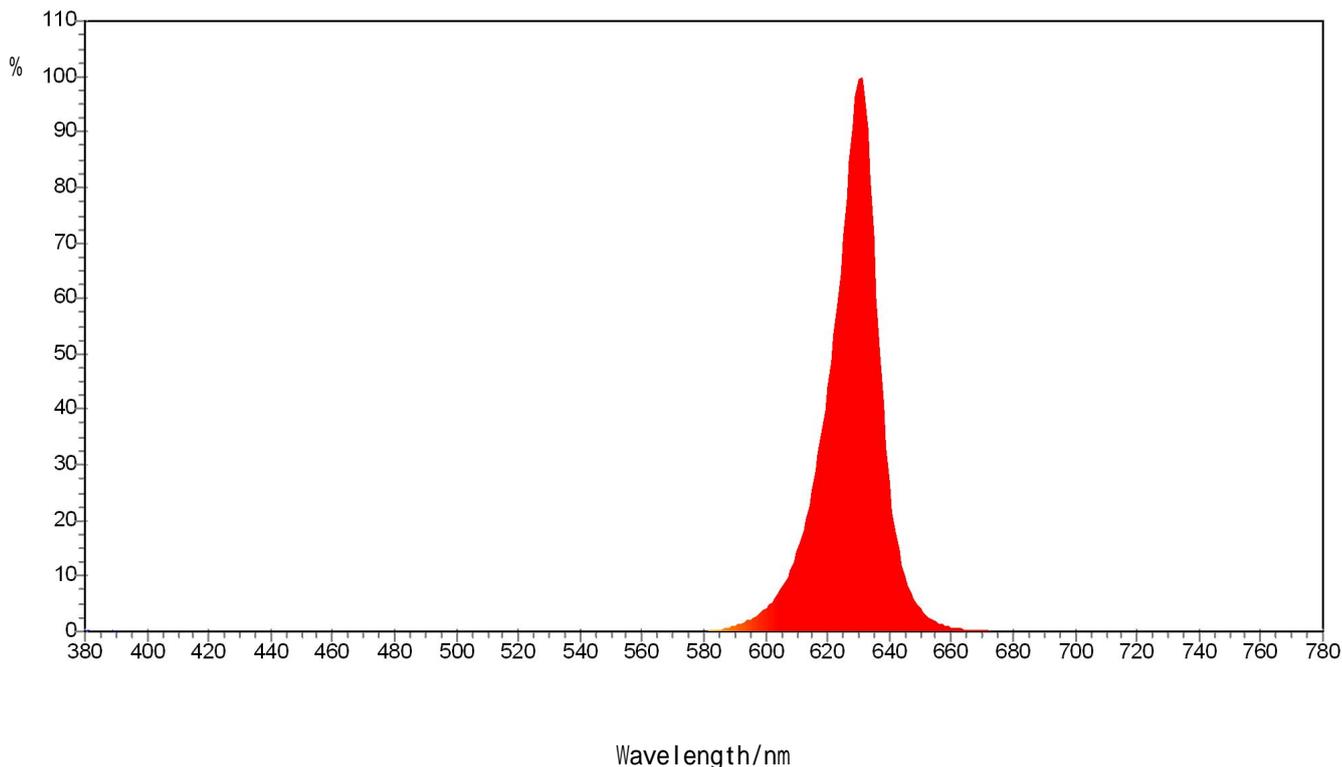


Electrical parameters

Flux:	144.666 lm	E:	75.151 lm/w	P:	557.40 mw	
I:	700.0 mA	V:	2.75 V	P:	1.925 w	PF:

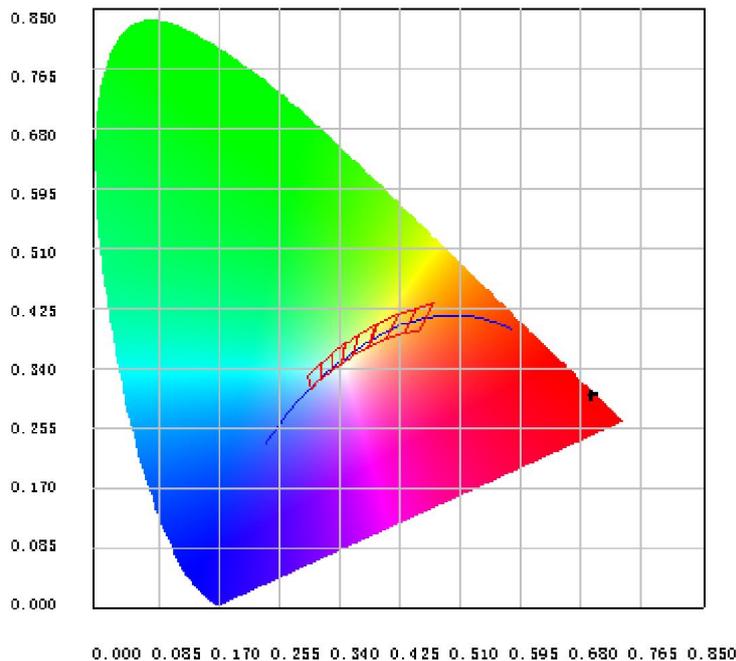
Memo:

Product Mode:	1	Item No:	7
Tester:	Y	Date:	2025-05-13 14:39
Temperature:	24 ()	Humidity:	60 (%)
Manufacturer:	ZVISION	organization:	杭州中为光电



Spectrum Parameters

x: 0.6939 y: 0.3047
 u: 0.5268 v: 0.3470
 WD: 622.0 nm WP: 630.4 nm
 HW: 15.7 nm Purity: 99.626
 CCT: 1001 K Ra: 11.0
 SDCM : 367.57 DUV : -0.0009
 Ratio : R%: 98.4 G%: 1.4 B%: 0.2
 Kred 95.17% Kgreen 4.81% Kblue 0.02%
 R1: 3.8 R2: 78.0 R3: 26.4
 R4: -31.5 R5: -2.1 R6: 90.3
 R7: 1.0 R8: -77.7 R9: -236.8
 R10: 72.0 R11: -17.7 R12: 79.1
 R13: 28.4 R14: 57.1 R15: -39.7

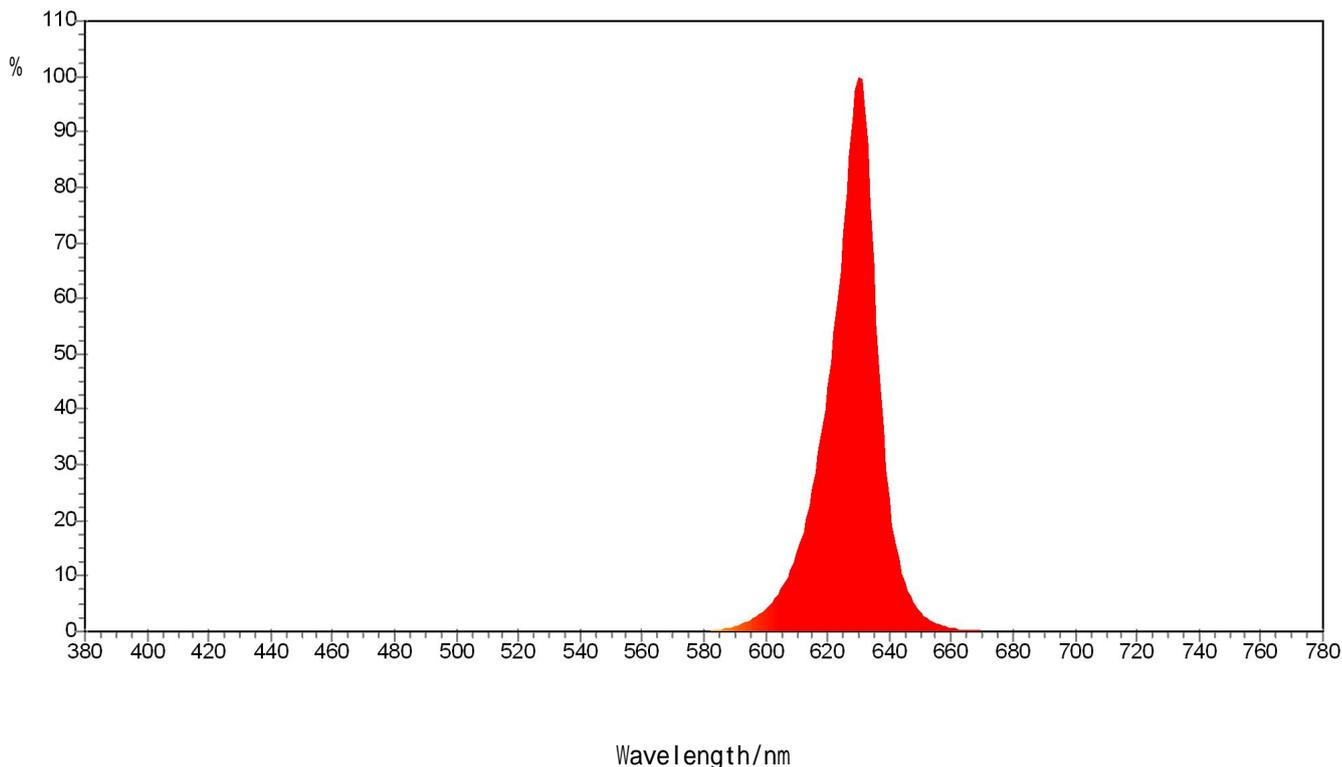


Electrical parameters

Flux: 105.457 lm E: 86.796 lm/w P: 403.35 mw
 I: 500.0 mA V: 2.43 V P: 1.215 w PF:

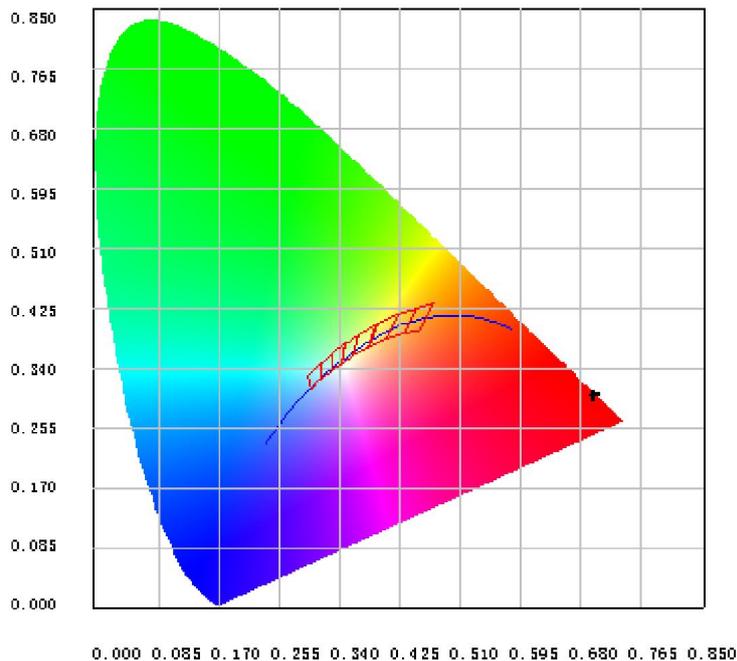
Memo:

Product Mode: 1	Item No: 8
Tester: Y	Date: 2025-05-13 14:39
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x:	0.6961	y:	0.3051		
u:	0.5284	v:	0.3474		
WD:	621.6 nm	WP:	630.2 nm		
HW:	15.2 nm	Purity:	100.000		
CCT:	1001 K	Ra:	5.8		
SDCM :	369.35	DUV :	-0.0004		
Ratio :	R%: 98.6	G%: 1.4	B%: 0.0		
Kred	95.45%	Kgreen	4.55%	Kblue	0.00%
R1:	-1.8	R2:	75.5	R3:	23.7
R4:	-40.8	R5:	-10.1	R6:	86.5
R7:	-2.1	R8:	-84.6	R9:	-249.8
R10:	67.7	R11:	-30.2	R12:	77.3
R13:	23.2	R14:	55.1	R15:	-45.8

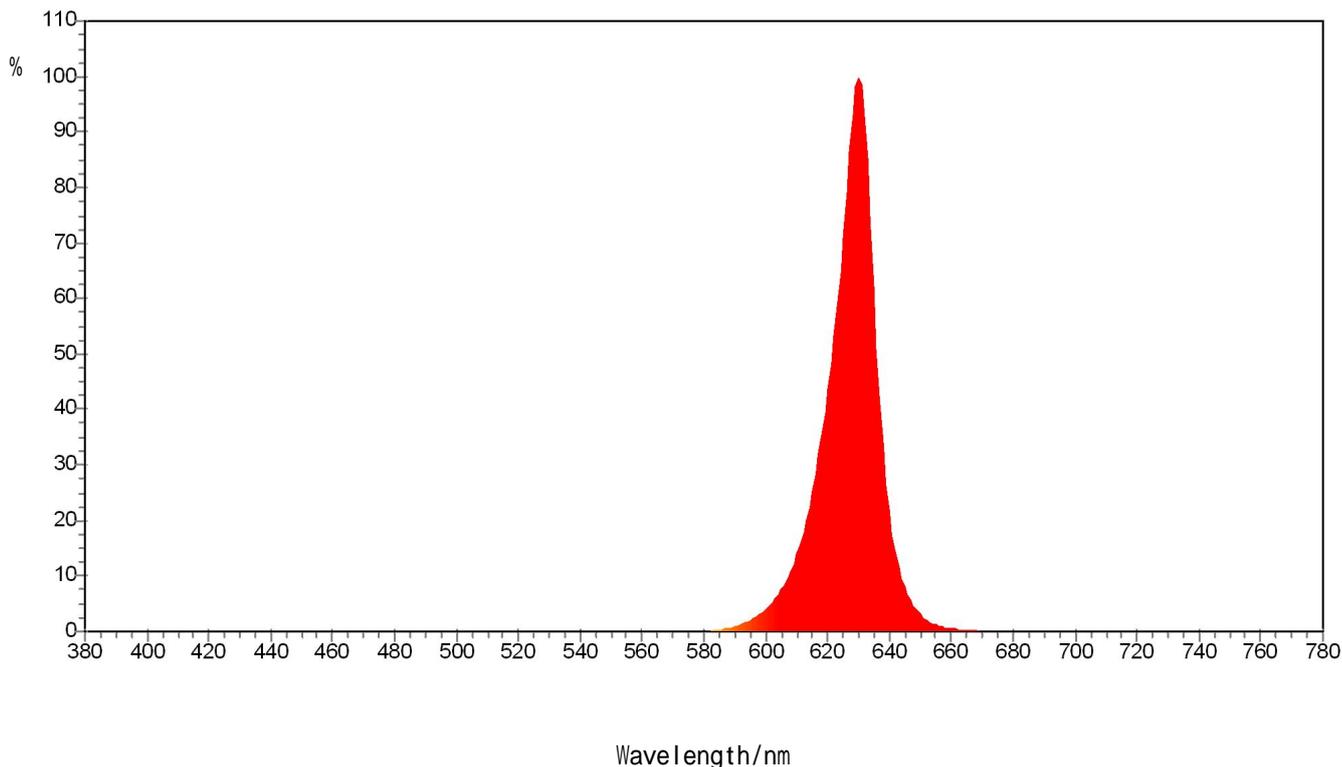


Electrical parameters

Flux:	75.086 lm	E:	97.136 lm/w	P:	279.82 mw	
I:	350.0 mA	V:	2.21 V	P:	0.773 w	PF:

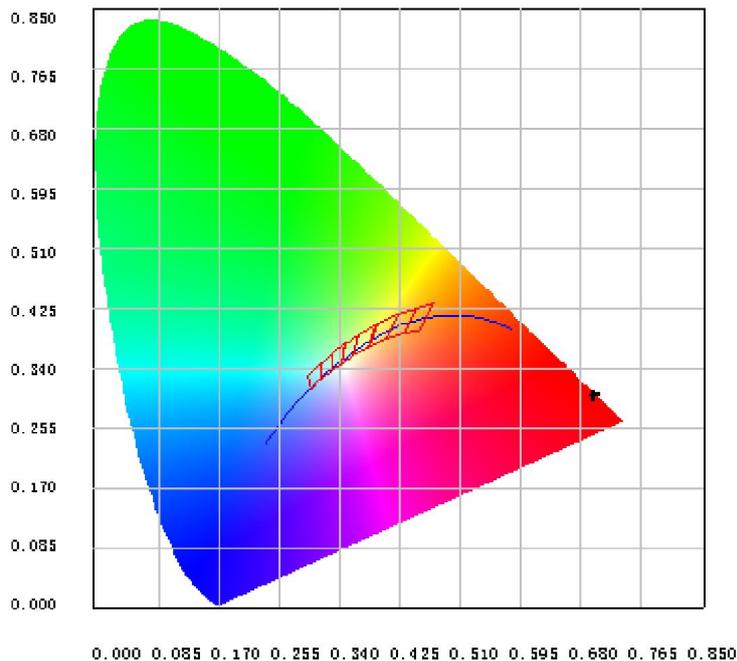
Memo:

Product Mode:	1	Item No:	9
Tester:	Y	Date:	2025-05-13 14:39
Temperature:	24 ()	Humidity:	60 (%)
Manufacturer:	ZVISION	organization:	杭州中为光电



Spectrum Parameters

x: 0.6945 y: 0.3053
 u: 0.5267 v: 0.3473
 WD: 621.6 nm WP: 630.0 nm
 HW: 14.8 nm Purity: 99.964
 CCT: 1001 K Ra: 9.0
 SDCM : 367.80 DUV : -0.0007
 Ratio: R%: 98.5 G%: 1.4 B%: 0.1
 Kred 95.32% Kgreen 4.66% Kblue 0.01%
 R1: 1.8 R2: 77.2 R3: 25.3
 R4: -34.7 R5: -5.0 R6: 89.3
 R7: -0.6 R8: -81.2 R9: -243.5
 R10: 70.4 R11: -21.9 R12: 79.0
 R13: 26.6 R14: 56.4 R15: -42.5



Electrical parameters

Flux: 54.139 lm E: 104.718 lm/w P: 203.57 mw
 I: 250.0 mA V: 2.07 V P: 0.517 w PF:

Memo:

Product Mode: 1	Item No: 10
Tester: Y	Date: 2025-05-13 14:39
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电