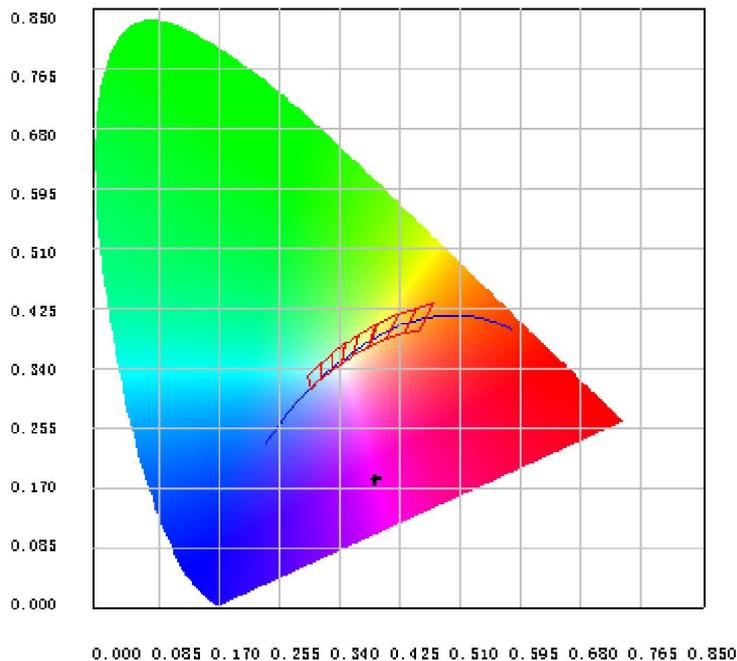


Spectrum Parameters

x: 0.3922 y: 0.1859
 u: 0.3527 v: 0.2509
 WD: 610.2 nm WP: 808.5 nm
 HW: 20.8 nm Purity: 47.634
 CCT: 1522 K Ra: -530.6
 SDCM : 158.82 DUV : 0.0129
 Ratio: R%: 99.4 G%: 0.2 B%: 0.4
 Kred 22.47% Kgreen 67.28% Kblue 10.25%
 R1: -112.9 R2: -486.2 R3: -1848.
 R4: -55.1 R5: -480.4 R6: -834.9
 R7: -344.5 R8: -81.6 R9: -142.7
 R10: -1740. R11: 64.0 R12: -930.3
 R13: -299.9 R14: -1186. R15: 0.2

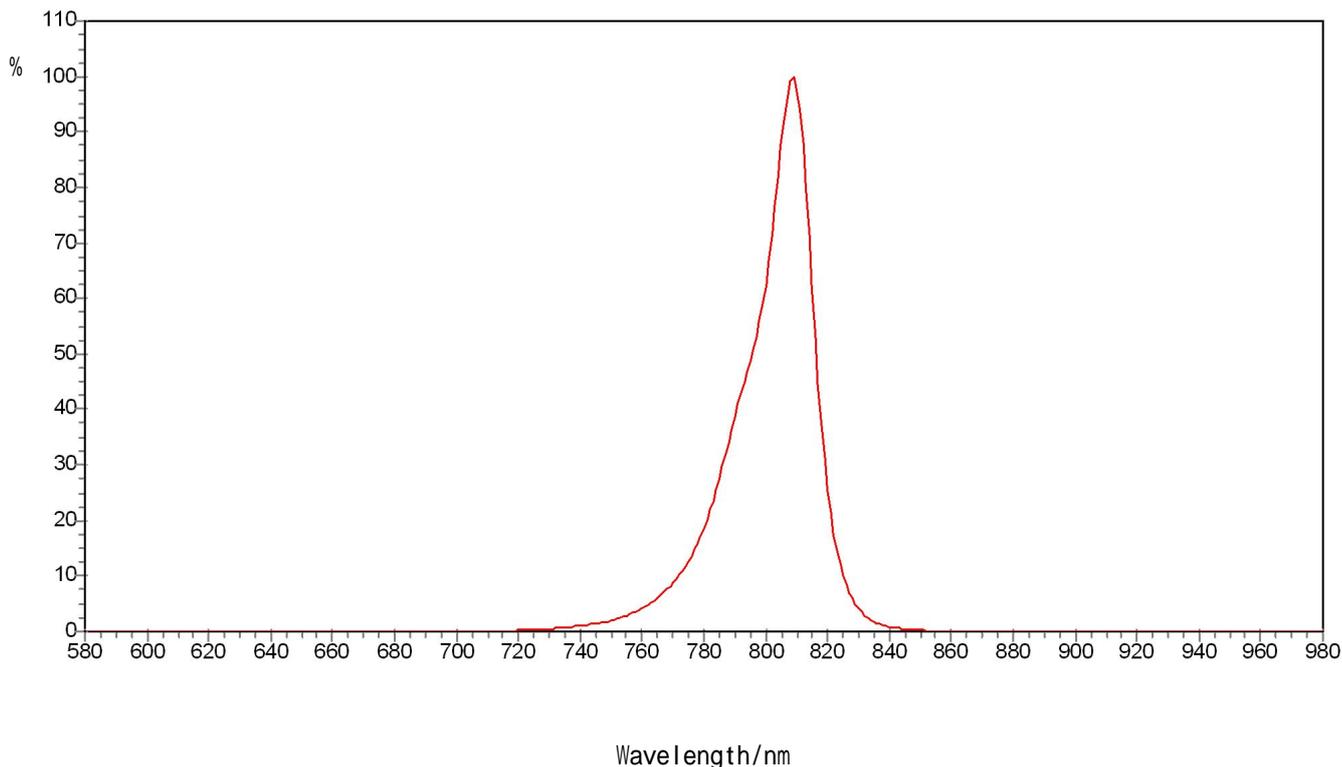


Electrical parameters

Flux: 0.069 lm E: 0.332 lm/w P: 64.15 mw
 I: 150.0 mA V: 1.39 V P: 0.208 w PF:

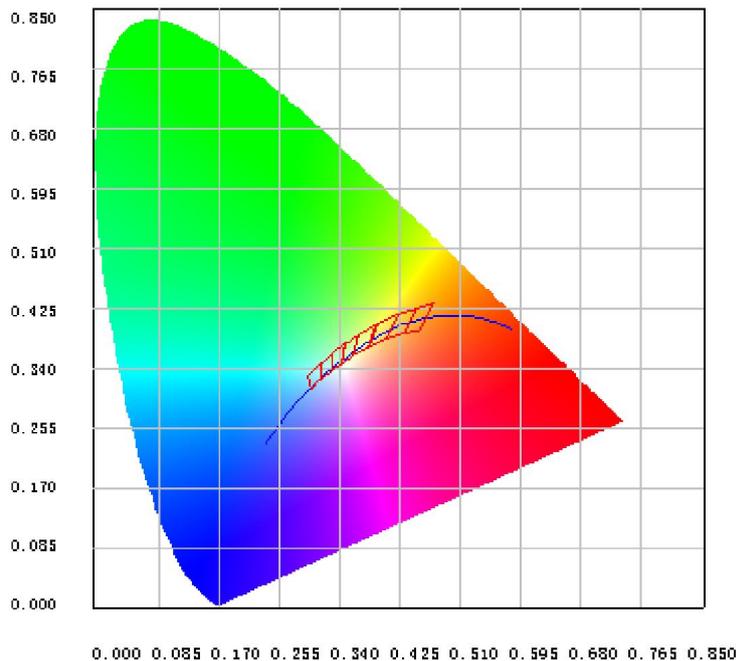
Memo:

Product Mode: 1	Item No: 1
Tester: Y	Date: 2025-01-02 15:41
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.0000 y: 0.9995
 u: 0.0000 v: 0.3999
 WD: 521.1 nm WP: 808.6 nm
 HW: 20.7 nm Purity: 100.000
 CCT: 8838 K Ra: -220.1
 SDCM : 669.08 DUV : 0.2180
 Ratio : R%: 99.4 G%: 0.1 B%: 0.5
 Kred 30.47% Kgreen 59.65% Kblue 9.88%
 R1: -210.7 R2: -208.7 R3: -245.0
 R4: -231.5 R5: -207.5 R6: -225.5
 R7: -212.9 R8: -219.0 R9: -389.4
 R10: -383.8 R11: -216.8 R12: -389.2
 R13: -295.4 R14: -111.6 R15: -203.6

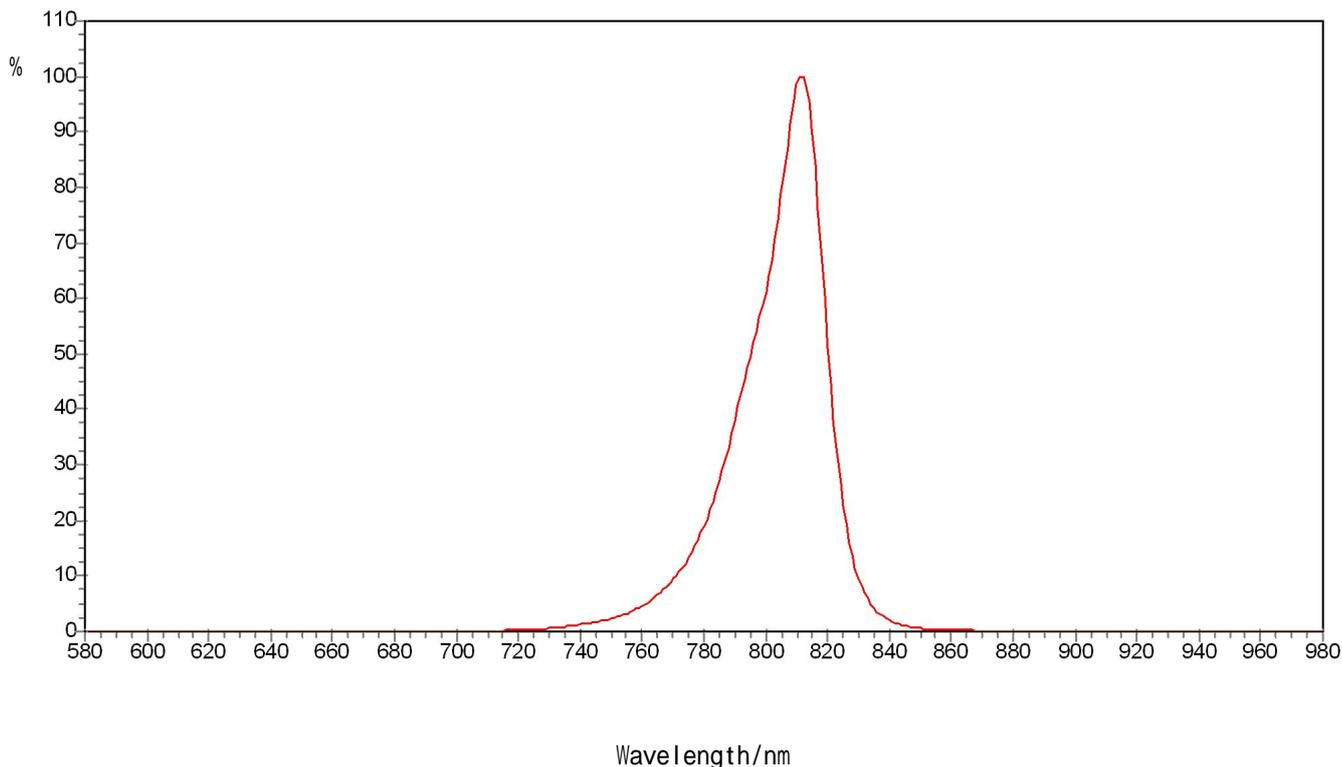


Electrical parameters

Flux: 0.069 lm E: 0.343 lm/w P: 64.81 mw
 I: 150.0 mA V: 1.34 V P: 0.201 w PF:

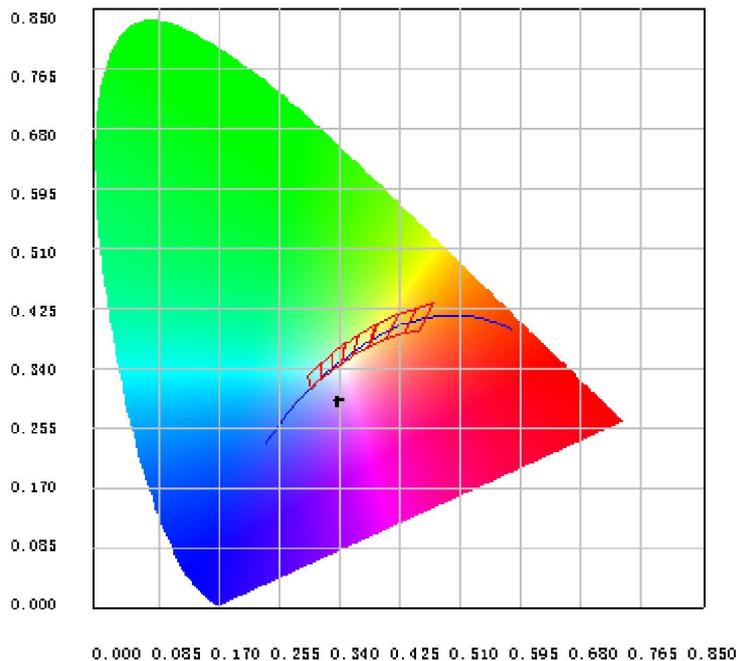
Memo:

Product Mode: 1	Item No: 2
Tester: Y	Date: 2025-01-02 15:41
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.3393 y: 0.2981
 u: 0.2301 v: 0.3032
 WD: 610.2 nm WP: 811.3 nm
 HW: 25.1 nm Purity: 10.740
 CCT: 5057 K Ra: -11.8
 SDCM : 45.81 DUV : -0.0273
 Ratio: R%: 99.5 G%: 0.1 B%: 0.4
 Kred 20.09% Kgreen 72.79% Kblue 7.12%
 R1: 57.7 R2: 15.9 R3: 68.0
 R4: 18.5 R5: 15.6 R6: -144.6
 R7: -48.8 R8: -76.6 R9: -272.0
 R10: -78.5 R11: -298.1 R12: -355.5
 R13: 7.8 R14: -12.4 R15: -8.0

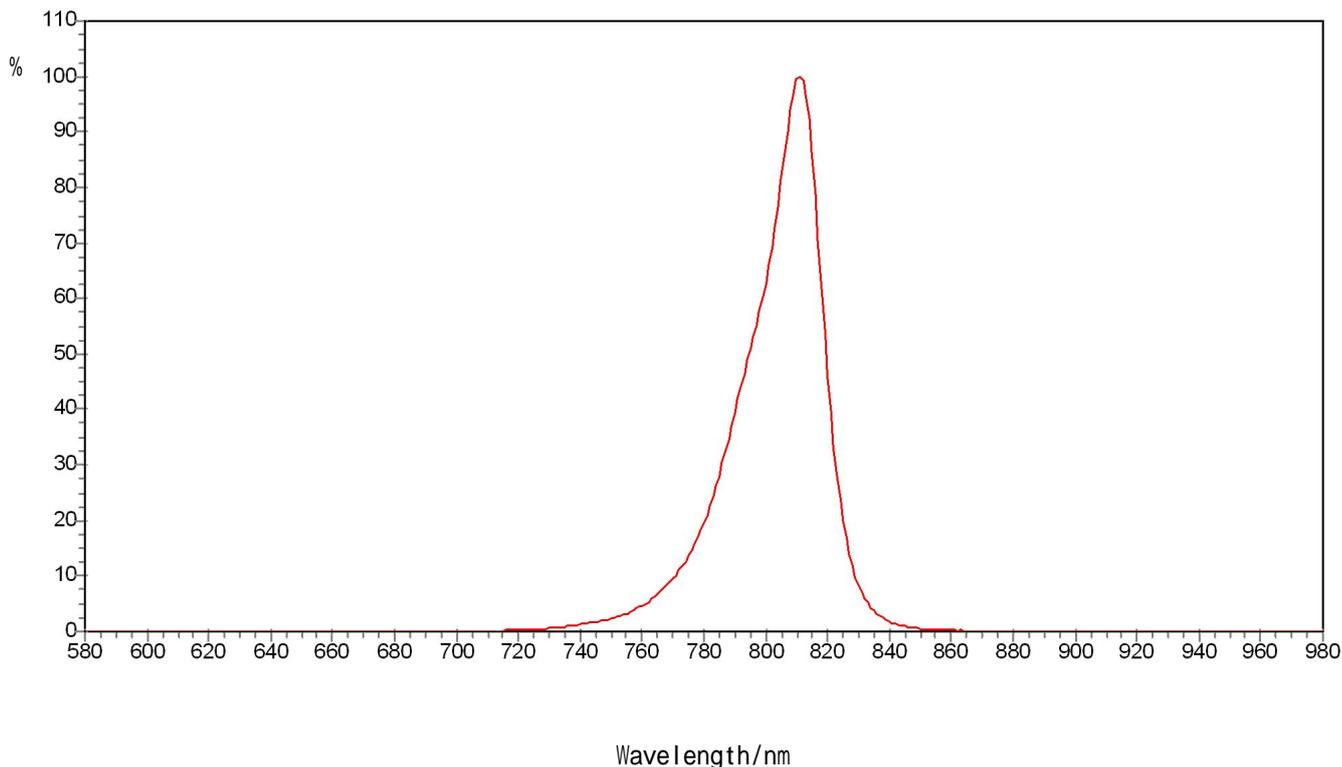


Electrical parameters

Flux: 0.165 lm E: 0.335 lm/w P: 147.86 mw
 I: 350.0 mA V: 1.41 V P: 0.493 w PF:

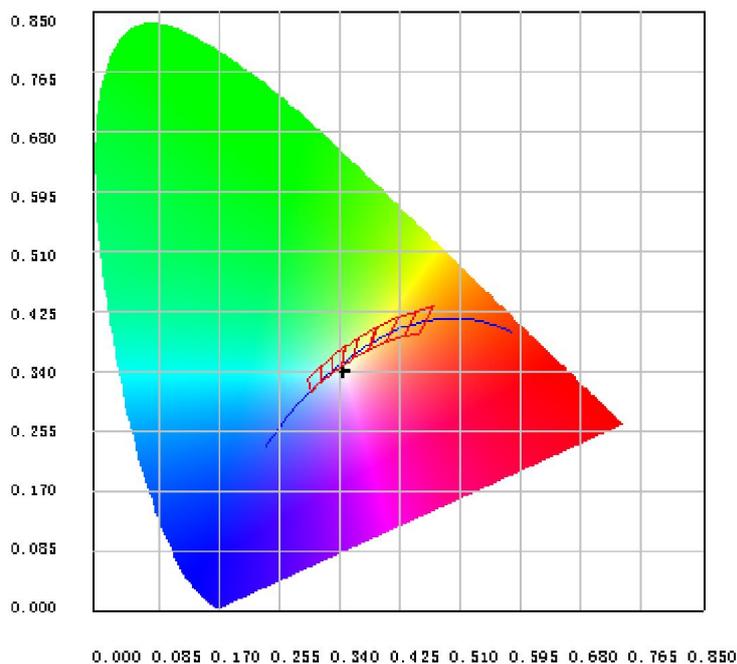
Memo:

Product Mode: 1	Item No: 3
Tester: Y	Date: 2025-01-02 15:41
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.3489 y: 0.3432
 u: 0.2174 v: 0.3207
 WD: 583.8 nm WP: 810.7 nm
 HW: 25.0 nm Purity: 7.651
 CCT: 4818 K Ra: 64.5
 SDCM : 30.79 DUV : -0.0059
 Ratio: R%: 98.9 G%: 0.4 B%: 0.7
 Kred 20.95% Kgreen 67.77% Kblue 11.28%
 R1: 65.4 R2: 79.0 R3: 56.8
 R4: 61.1 R5: 65.5 R6: 82.5
 R7: 66.1 R8: 39.6 R9: -47.3
 R10: 34.6 R11: 74.8 R12: 53.1
 R13: 69.7 R14: 43.2 R15: 53.6

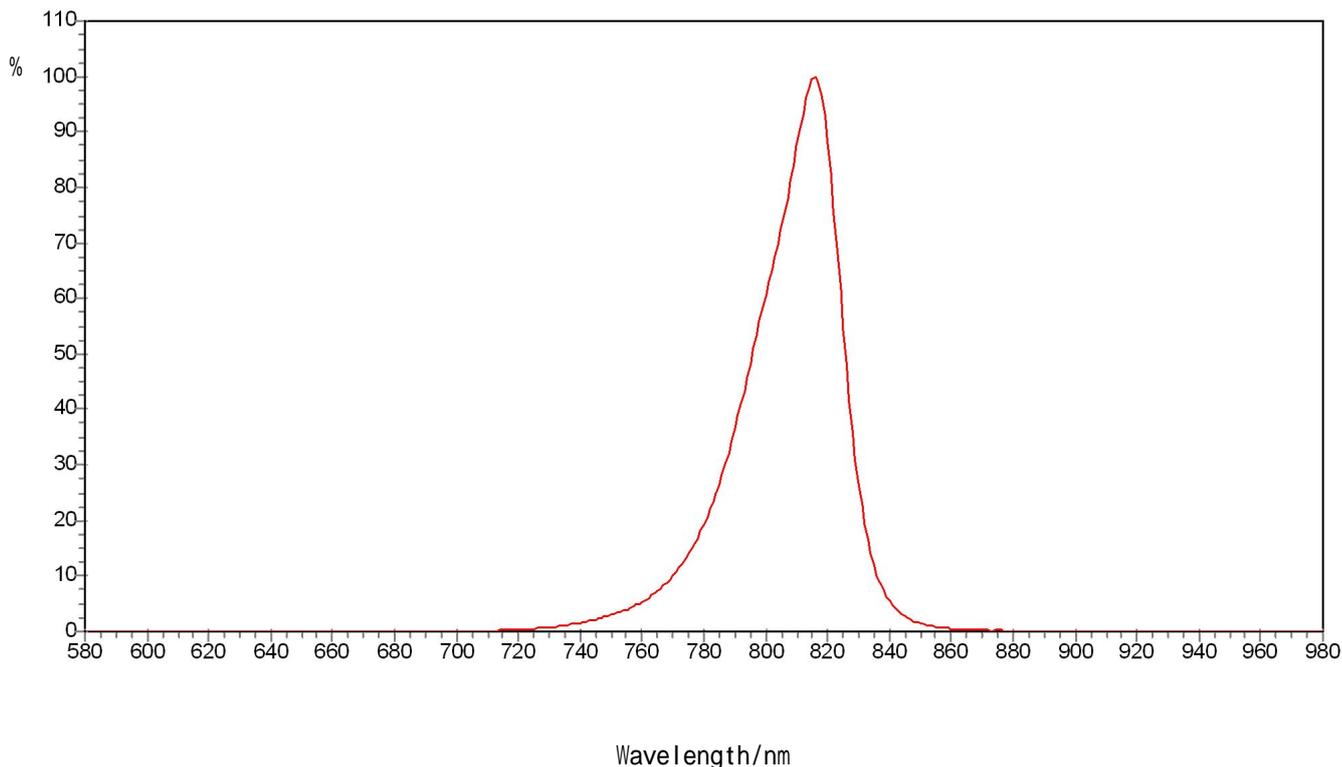


Electrical parameters

Flux: 0.165 lm E: 0.284 lm/w P: 149.98 mw
 I: 350.0 mA V: 1.66 V P: 0.581 w PF:

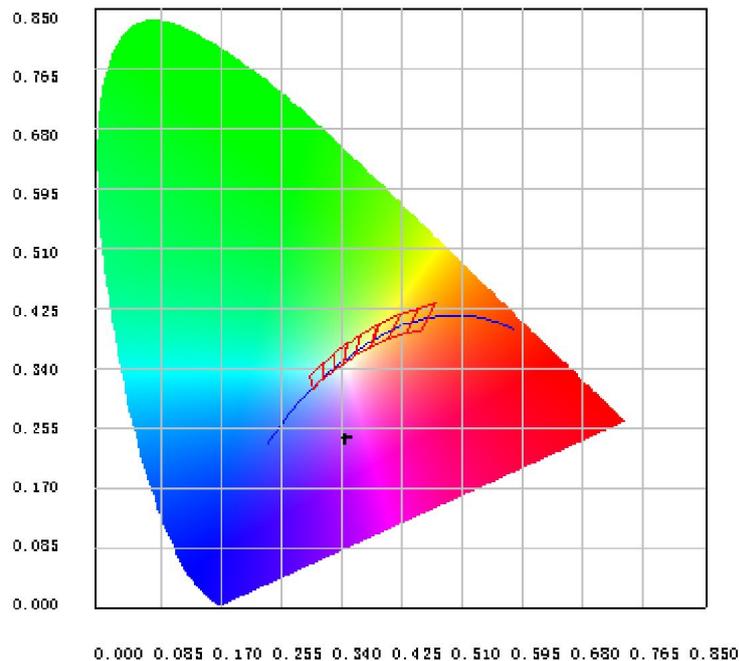
Memo:

Product Mode: 1	Item No: 4
Tester: Y	Date: 2025-01-02 15:41
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.3491 y: 0.2447
 u: 0.2665 v: 0.2803
 WD: 610.2 nm WP: 815.2 nm
 HW: 30.0 nm Purity: 27.011
 CCT: 3628 K Ra: -14.6
 SDCM : 87.24 DUV : -0.0198
 Ratio : R%: 99.3 G%: 0.2 B%: 0.5
 Kred 31.41% Kgreen 56.51% Kblue 12.08%
 R1: -34.5 R2: -5.4 R3: -51.2
 R4: -7.2 R5: -40.3 R6: -13.9
 R7: 66.4 R8: -30.4 R9: -231.5
 R10: -159.5 R11: 17.2 R12: 22.7
 R13: -41.8 R14: -40.8 R15: -52.5

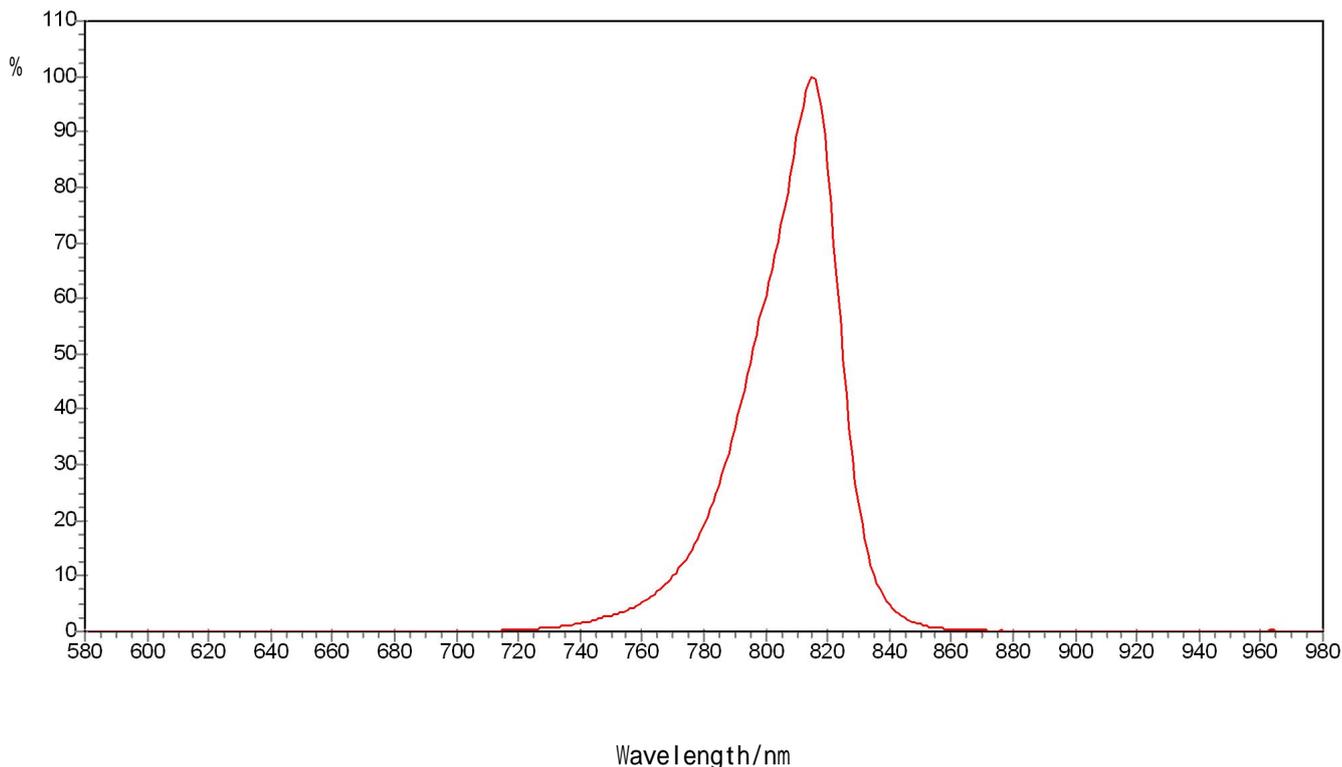


Electrical parameters

Flux: 0.297 lm E: 0.289 lm/w P: 286.72 mw
 I: 700.0 mA V: 1.47 V P: 1.029 w PF:

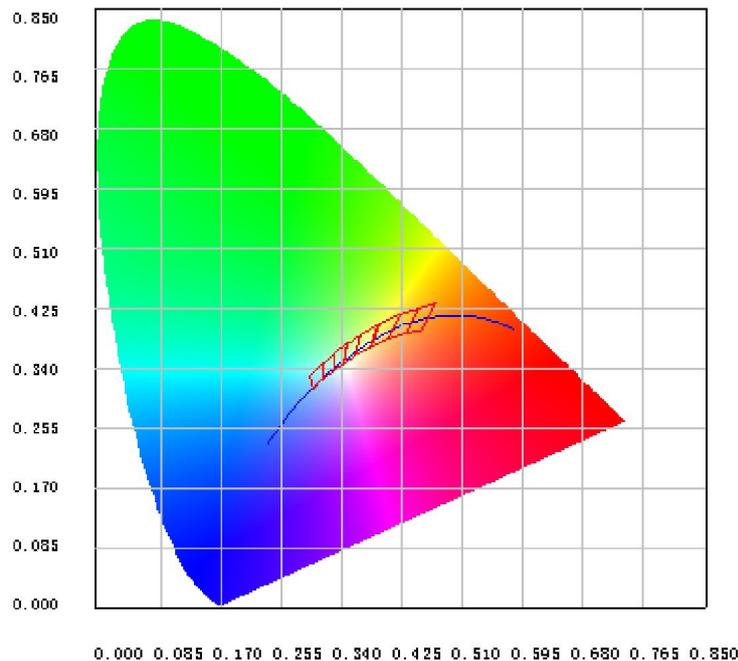
Memo:

Product Mode: 1	Item No: 5
Tester: Y	Date: 2025-01-02 15:41
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x:	0.0000	y:	1.0000		
u:	0.0000	v:	0.4010		
WD:	521.1 nm	WP:	814.6 nm		
HW:	29.2 nm	Purity:	100.000		
CCT:	8768 K	Ra:	-220.0		
SDCM:	669.38	DUV:	0.2180		
Ratio:	R%: 99.7	G%: 0.0	B%: 0.3		
Kred	28.77%	Kgreen	60.83%	Kblue	10.40%
R1:	-210.8	R2:	-208.6	R3:	-244.6
R4:	-231.4	R5:	-207.5	R6:	-225.4
R7:	-212.8	R8:	-219.1	R9:	-390.1
R10:	-383.3	R11:	-216.8	R12:	-157.5
R13:	-295.5	R14:	-111.4	R15:	-203.7



Electrical parameters

Flux:	0.302 lm	E:	0.252 lm/w	P:	276.49 mw		
I:	700.0 mA	V:	1.71 V	P:	1.197 w	PF:	

Memo:

Product Mode:	1	Item No:	6
Tester:	Y	Date:	2025-01-02 15:41
Temperature:	24 ()	Humidity:	60 (%)
Manufacturer:	ZVISION	organization:	杭州中为光电