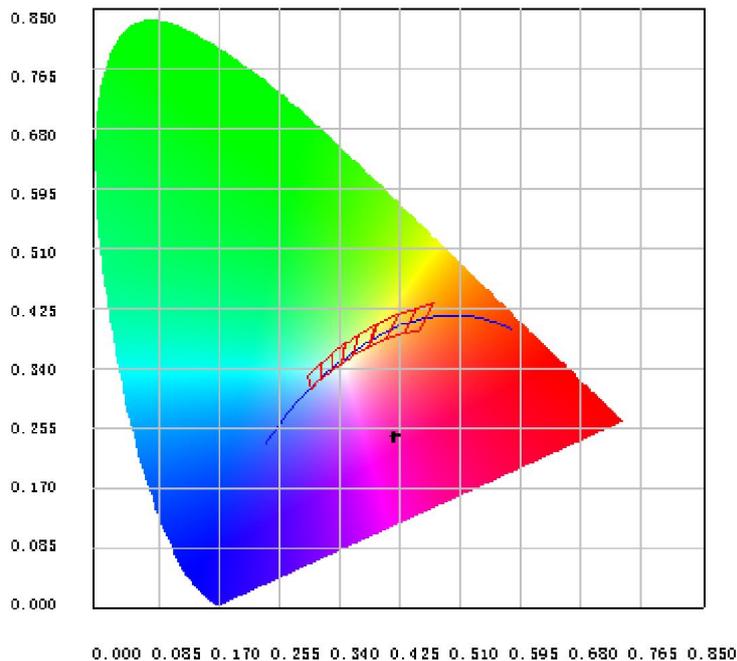


Spectrum Parameters

x: 0.4185 y: 0.2469
 u: 0.3265 v: 0.2890
 WD: 650.0 nm WP: 778.3 nm
 HW: 24.4 nm Purity: 30.410
 CCT: 1792 K Ra: -68.1
 SDCM : 144.28 DUV : -0.0055
 Ratio : R%: 99.8 G%: 0.0 B%: 0.2
 Kred 46.30% Kgreen 40.01% Kblue 13.68%
 R1: -65.0 R2: -60.9 R3: -299.4
 R4: 23.2 R5: -90.3 R6: -10.3
 R7: 37.0 R8: -79.0 R9: -329.3
 R10: -316.4 R11: -52.1 R12: -163.9
 R13: -80.9 R14: -315.3 R15: -113.9

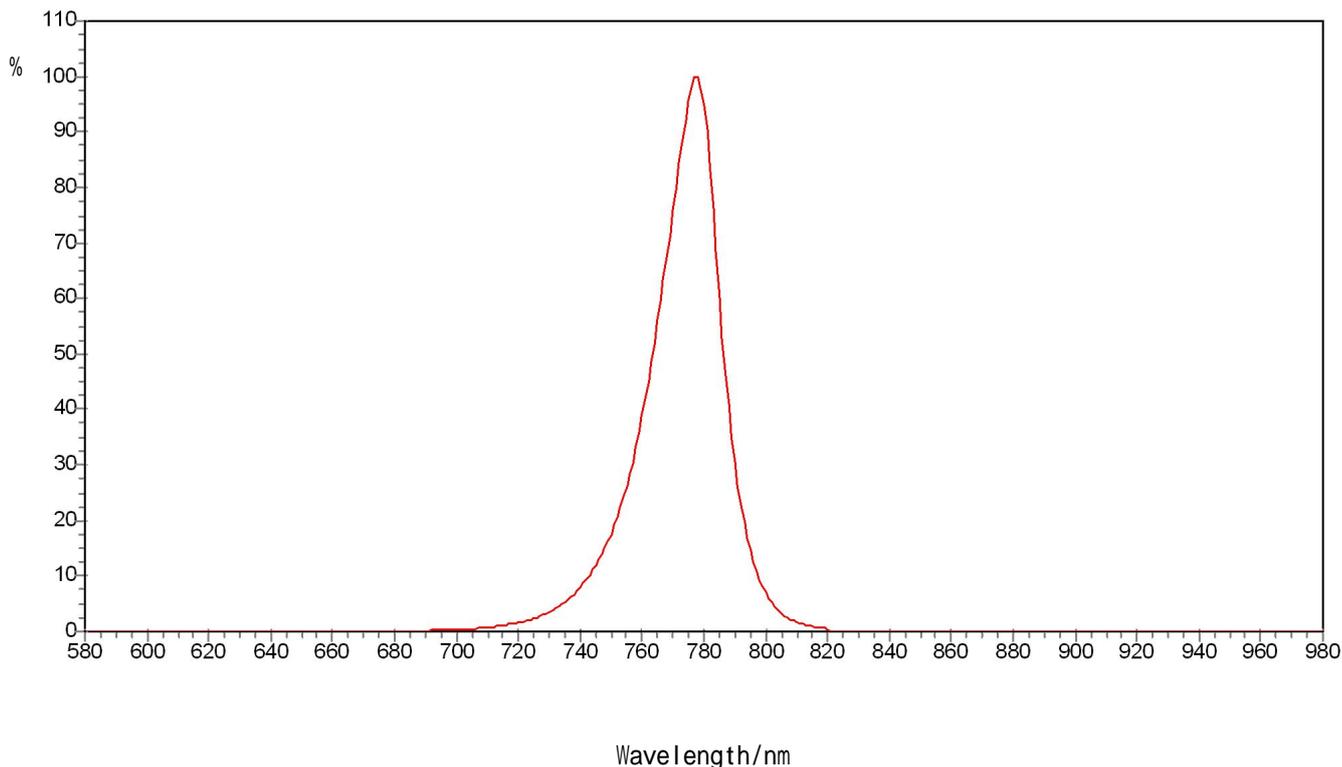


Electrical parameters

Flux: 0.153 lm E: 0.586 lm/w P: 78.00 mw
 I: 150.0 mA V: 1.74 V P: 0.261 w PF:

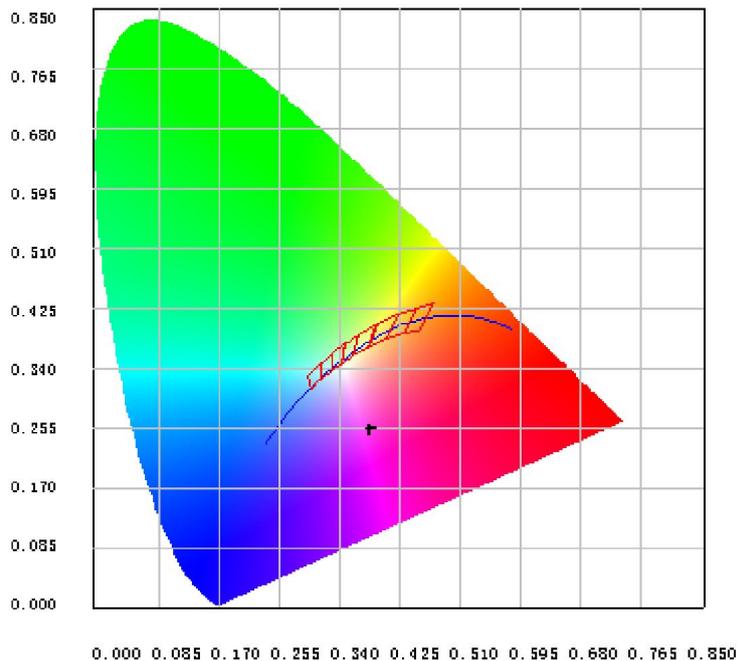
Memo:

Product Mode: 1	Item No: 14
Tester: Y	Date: 2025-05-08 16:47
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.3844 y: 0.2571
 u: 0.2892 v: 0.2902
 WD: 610.2 nm WP: 777.2 nm
 HW: 23.1 nm Purity: 27.539
 CCT: 2437 K Ra: -22.3
 SDCM: 108.71 DUV: 0.0031
 Ratio: R%: 99.9 G%: 0.0 B%: 0.1
 Kred 26.13% Kgreen 65.94% Kblue 7.93%
 R1: -7.7 R2: 51.8 R3: -178.7
 R4: 71.5 R5: 41.6 R6: 23.4
 R7: -38.6 R8: -141.7 R9: -468.9
 R10: -96.2 R11: -88.4 R12: -406.3
 R13: 12.3 R14: -241.5 R15: -85.3

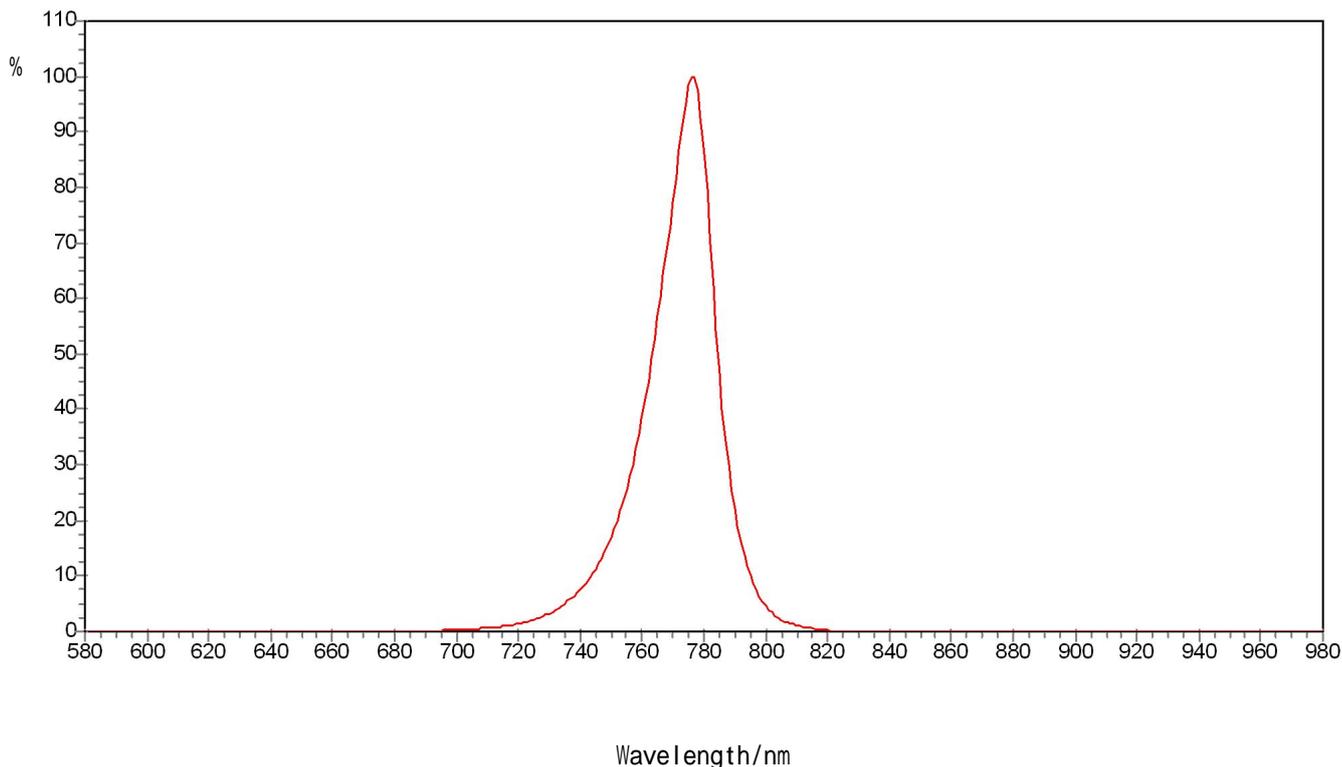


Electrical parameters

Flux: 0.113 lm E: 0.685 lm/w P: 53.26 mw
 I: 100.0 mA V: 1.65 V P: 0.165 w PF:

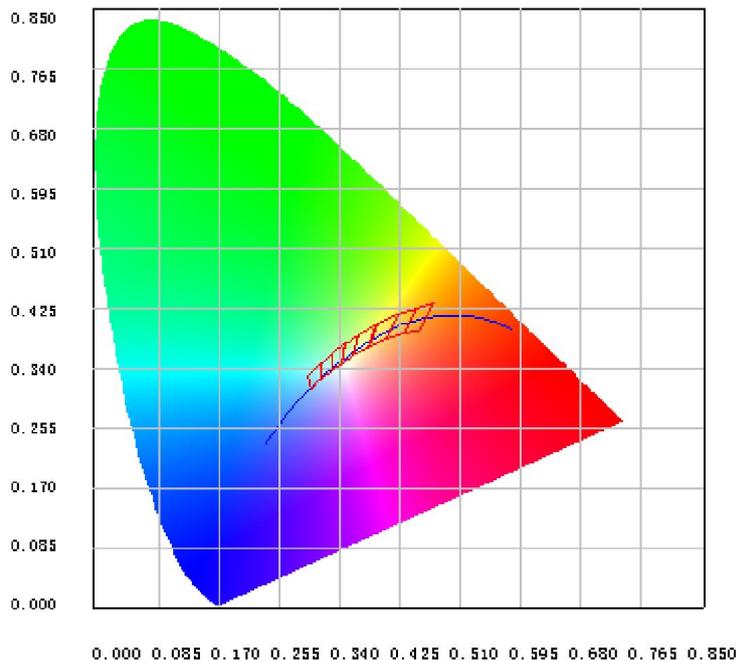
Memo:

Product Mode: 1	Item No: 15
Tester: Y	Date: 2025-05-08 16:47
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: 0.4011
 WD: 521.1 nm WP: 776.1 nm
 HW: 21.3 nm Purity: 100.000
 CCT: 8759 K Ra: -220.0
 SDCM: 669.38 DUV: 0.2180
 Ratio: R%: 100.0 G%: 0.0 B%: 0.0
 Kred 100.00 Kgreen 0.00% Kblue 0.00%
 R1: -210.8 R2: -208.6 R3: -244.6
 R4: -231.4 R5: -207.5 R6: -225.4
 R7: -212.7 R8: -219.1 R9: -390.2
 R10: -383.2 R11: -216.8 R12: -157.5
 R13: -295.5 R14: -111.4 R15: -203.7

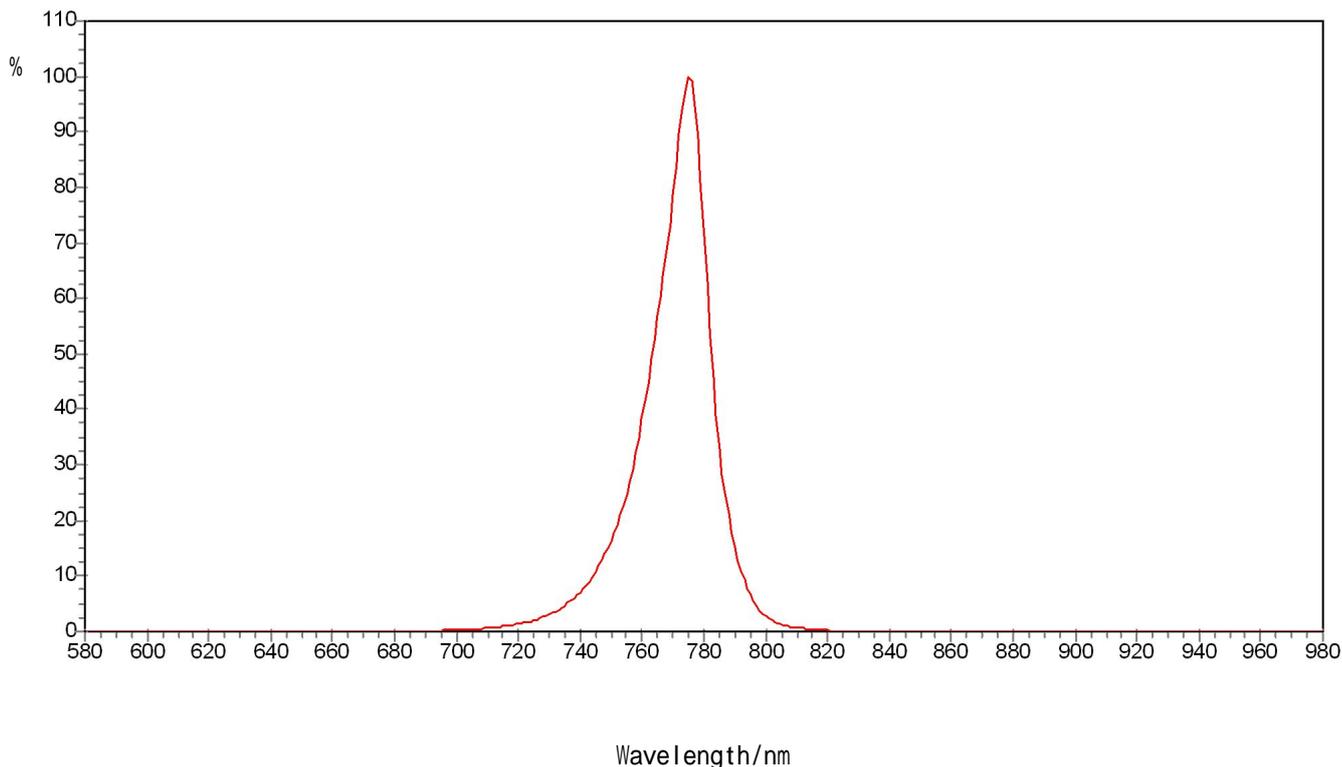


Electrical parameters

Flux: 0.058 lm E: 0.744 lm/w P: 26.49 mw
 I: 50.0 mA V: 1.56 V P: 0.078 w PF:

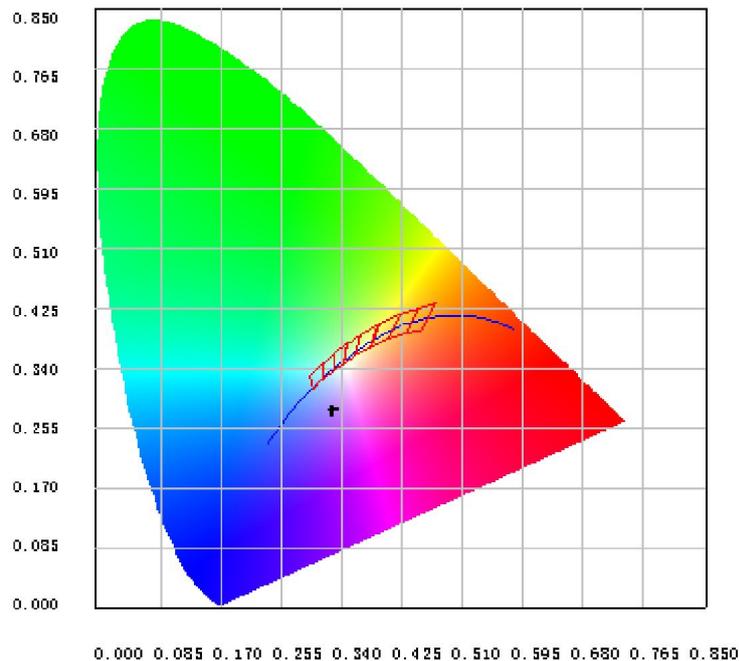
Memo:

Product Mode: 1	Item No: 16
Tester: Y	Date: 2025-05-08 16:47
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.3288 y: 0.2848
 u: 0.2283 v: 0.2967
 WD: 380.0 nm WP: 775.0 nm
 HW: 19.2 nm Purity: 13.363
 CCT: 5737 K Ra: 23.4
 SDCM : 45.81 DUV : -0.0304
 Ratio: R%: 99.7 G%: 0.1 B%: 0.2
 Kred 19.77% Kgreen 73.25% Kblue 6.98%
 R1: 31.0 R2: 90.9 R3: 40.2
 R4: 38.1 R5: 57.9 R6: 31.7
 R7: -16.8 R8: -86.2 R9: -348.6
 R10: 66.8 R11: 25.0 R12: -215.6
 R13: 52.4 R14: -39.9 R15: -39.4



Electrical parameters

Flux: 0.012 lm E: 0.857 lm/w P: 5.24 mw
 I: 10.0 mA V: 1.44 V P: 0.014 w PF:

Memo:

Product Mode: 1	Item No: 17
Tester: Y	Date: 2025-05-08 16:47
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电