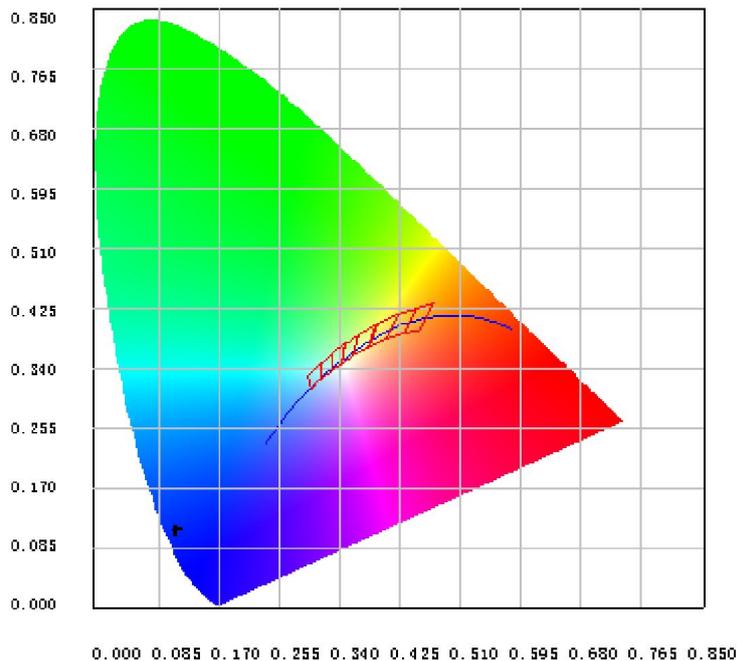


Spectrum Parameters

x: 0.1140 y: 0.1149
 u: 0.1098 v: 0.1660
 WD: 477.1 nm WP: 474.0 nm
 HW: 20.1 nm Purity: 95.047
 CCT: 100000 K Ra: -41.3
 SDCM: 144.59 DUV: 0.0423
 Ratio: R%: 0.2 G%: 5.8 B%: 94.0
 Kred 0.27% Kgreen 18.96% Kblue 80.77%
 R1: -16.8 R2: -34.6 R3: -108.2
 R4: -68.4 R5: 3.7 R6: -46.0
 R7: -33.5 R8: -26.9 R9: -283.6
 R10: -208.4 R11: -94.9 R12: -80.4
 R13: -35.1 R14: -18.9 R15: -4.2

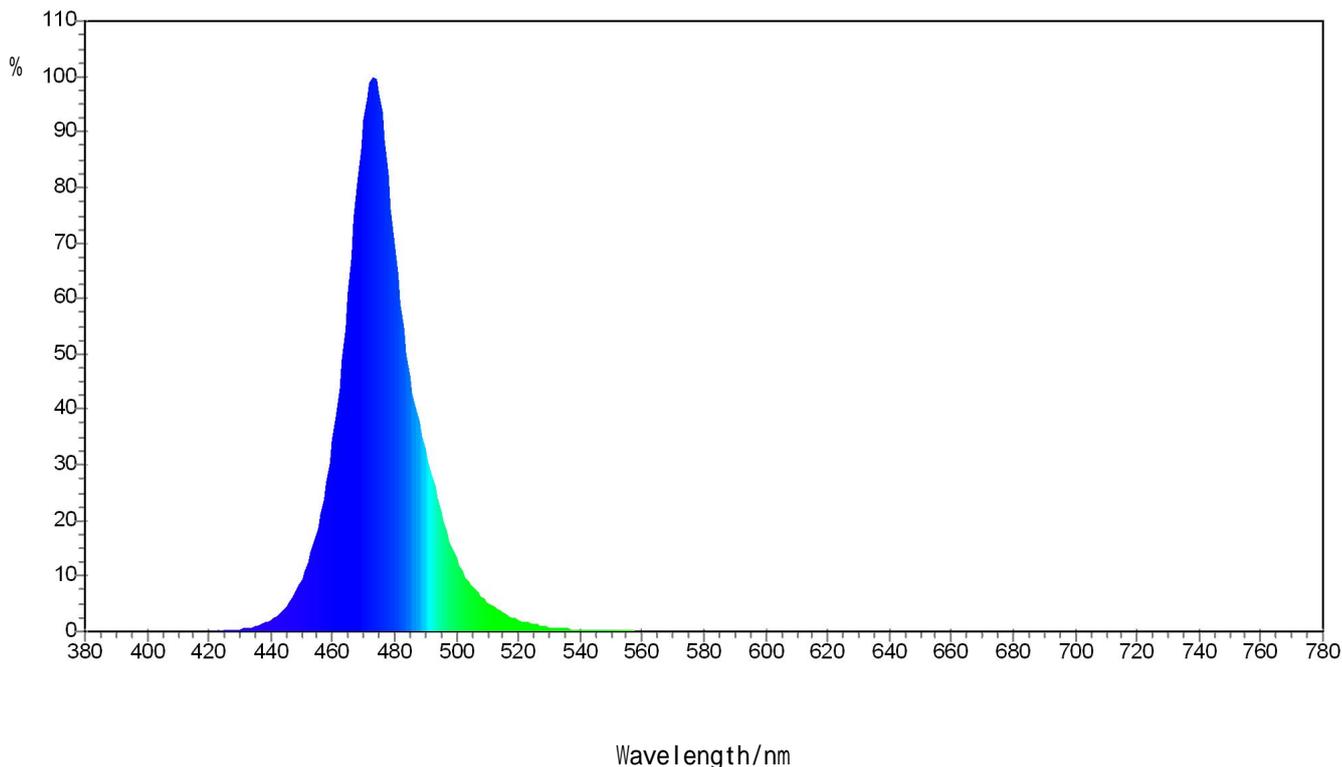


Electrical parameters

Flux: 35.780 lm E: 47.834 lm/w P: 249.79 mw
 I: 250.0 mA V: 2.99 V P: 0.748 w PF:

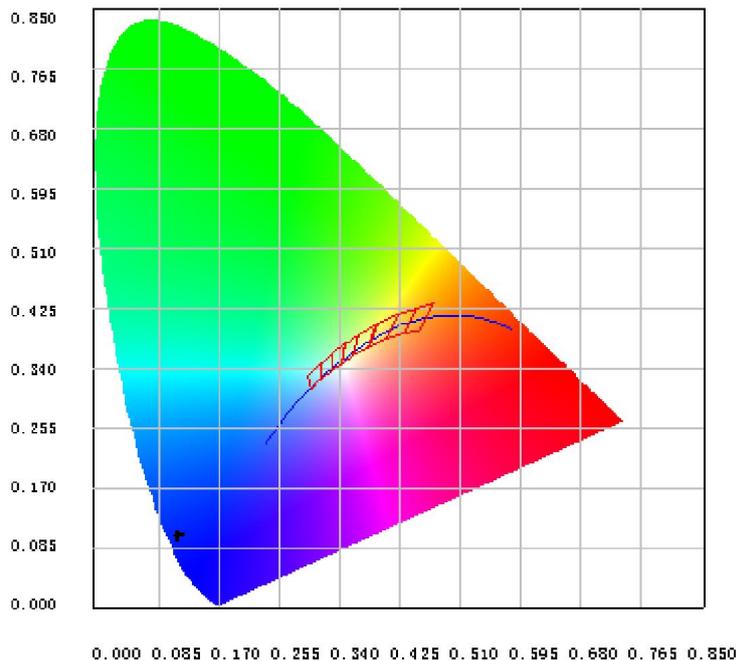
Memo:

Product Mode: 1	Item No: 1
Tester: Y	Date: 2025-05-13 14:35
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.1165 y: 0.1075
 u: 0.1149 v: 0.1589
 WD: 476.2 nm WP: 473.1 nm
 HW: 20.8 nm Purity: 95.206
 CCT: 100000 K Ra: -41.8
 SDCM : 144.32 DUV : 0.0356
 Ratio : R%: 0.2 G%: 5.4 B%: 94.4
 Kred 0.29% Kgreen 18.37% Kblue 81.34%
 R1: -16.5 R2: -35.0 R3: -109.9
 R4: -69.0 R5: 3.7 R6: -46.3
 R7: -33.9 R8: -27.2 R9: -282.3
 R10: -209.0 R11: -96.4 R12: -82.0
 R13: -34.7 R14: -19.6 R15: -3.5

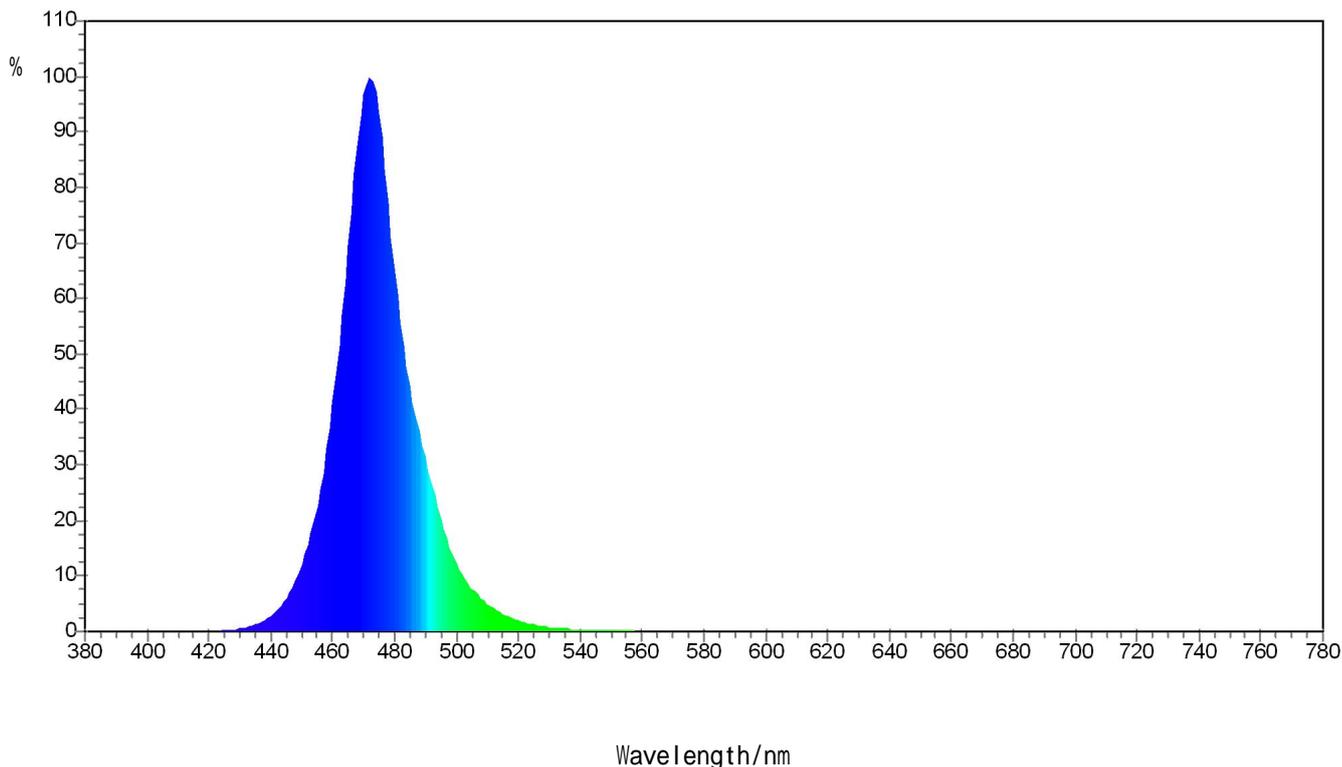


Electrical parameters

Flux: 46.668 lm E: 41.557 lm/w P: 337.30 mw
 I: 350.0 mA V: 3.21 V P: 1.123 w PF:

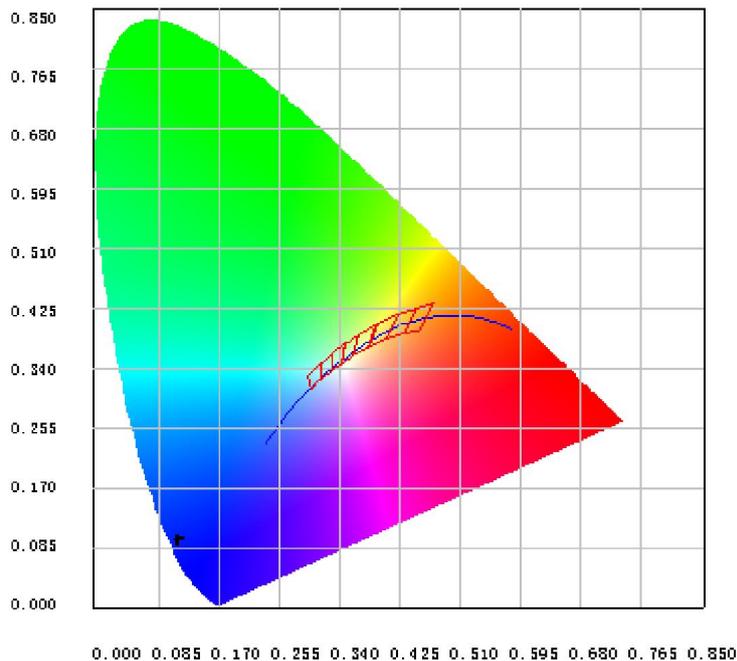
Memo:

Product Mode: 1	Item No: 2
Tester: Y	Date: 2025-05-13 14:35
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.1190 y: 0.0998
 u: 0.1202 v: 0.1513
 WD: 475.3 nm WP: 472.1 nm
 HW: 21.6 nm Purity: 95.445
 CCT: 100000 K Ra: -42.7
 SDCM : 144.45 DUV : 0.0284
 Ratio : R%: 0.2 G%: 5.0 B%: 94.8
 Kred 0.24% Kgreen 17.76% Kblue 82.00%
 R1: -17.2 R2: -35.9 R3: -111.7
 R4: -70.0 R5: 2.8 R6: -47.1
 R7: -34.3 R8: -27.8 R9: -285.0
 R10: -210.7 R11: -98.6 R12: -84.4
 R13: -35.2 R14: -20.4 R15: -3.5

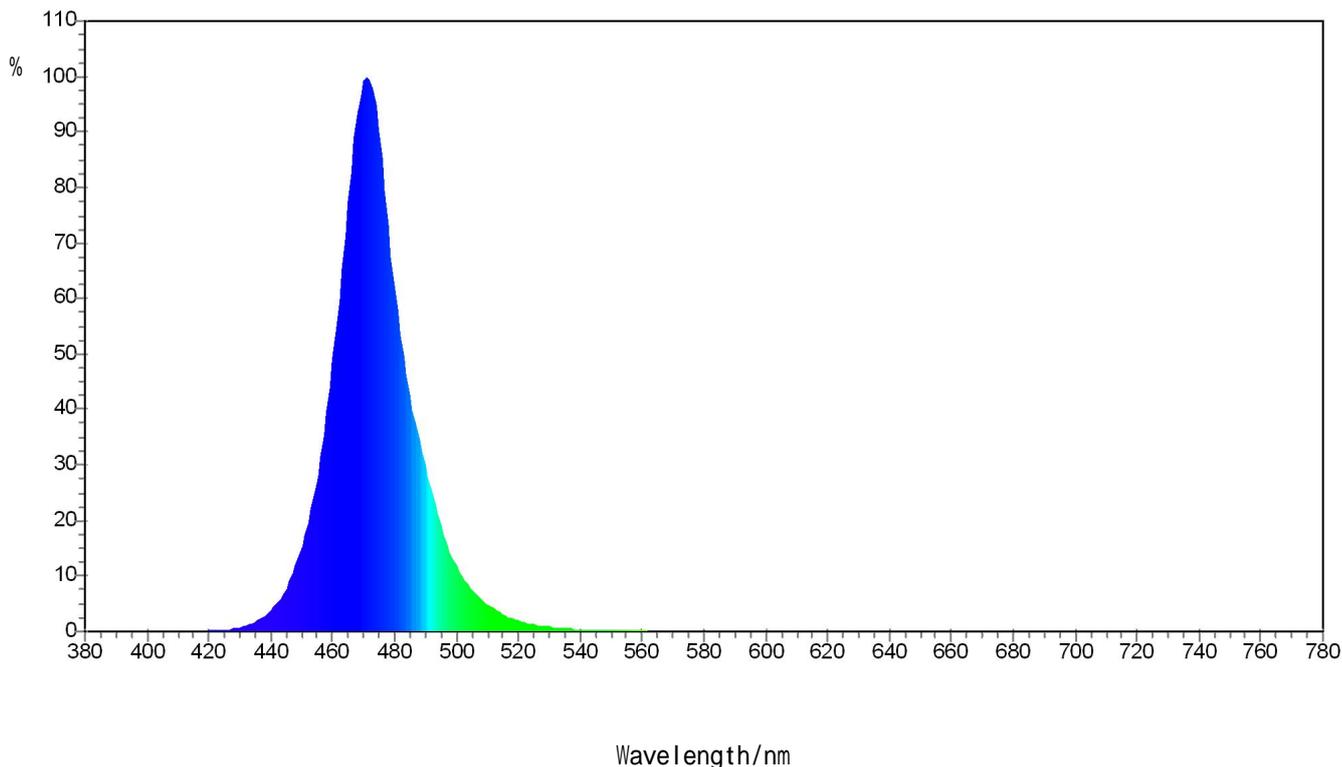


Electrical parameters

Flux: 61.219 lm E: 34.587 lm/w P: 456.85 mw
 I: 500.0 mA V: 3.54 V P: 1.770 w PF:

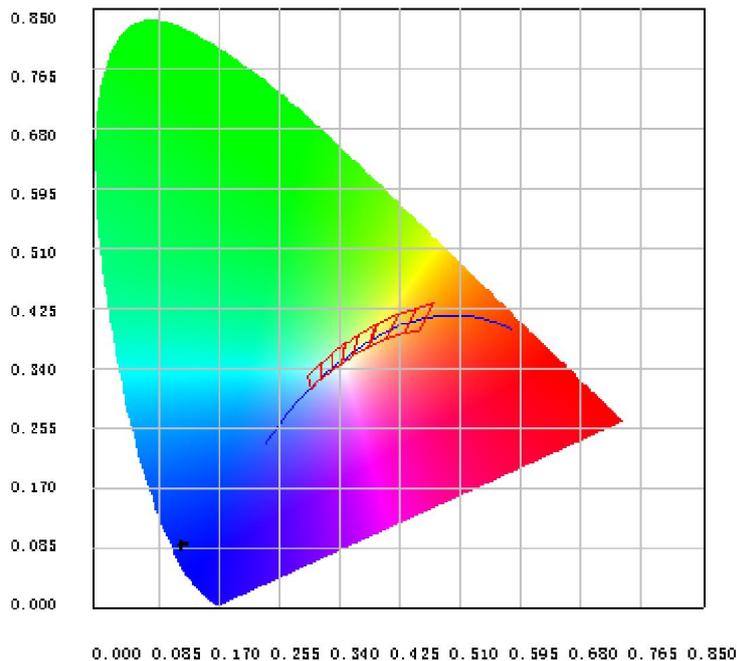
Memo:

Product Mode: 1	Item No: 3
Tester: Y	Date: 2025-05-13 14:35
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.1219 y: 0.0938
 u: 0.1256 v: 0.1450
 WD: 474.4 nm WP: 471.1 nm
 HW: 22.7 nm Purity: 95.408
 CCT: 100000 K Ra: -42.0
 SDCM : 144.37 DUV : 0.0216
 Ratio : R%: 0.3 G%: 4.7 B%: 95.0
 Kred 0.34% Kgreen 17.89% Kblue 81.77%
 R1: -15.6 R2: -34.5 R3: -112.2
 R4: -70.0 R5: 3.9 R6: -45.9
 R7: -34.0 R8: -27.7 R9: -279.5
 R10: -206.6 R11: -99.0 R12: -83.9
 R13: -33.1 R14: -20.4 R15: -1.8

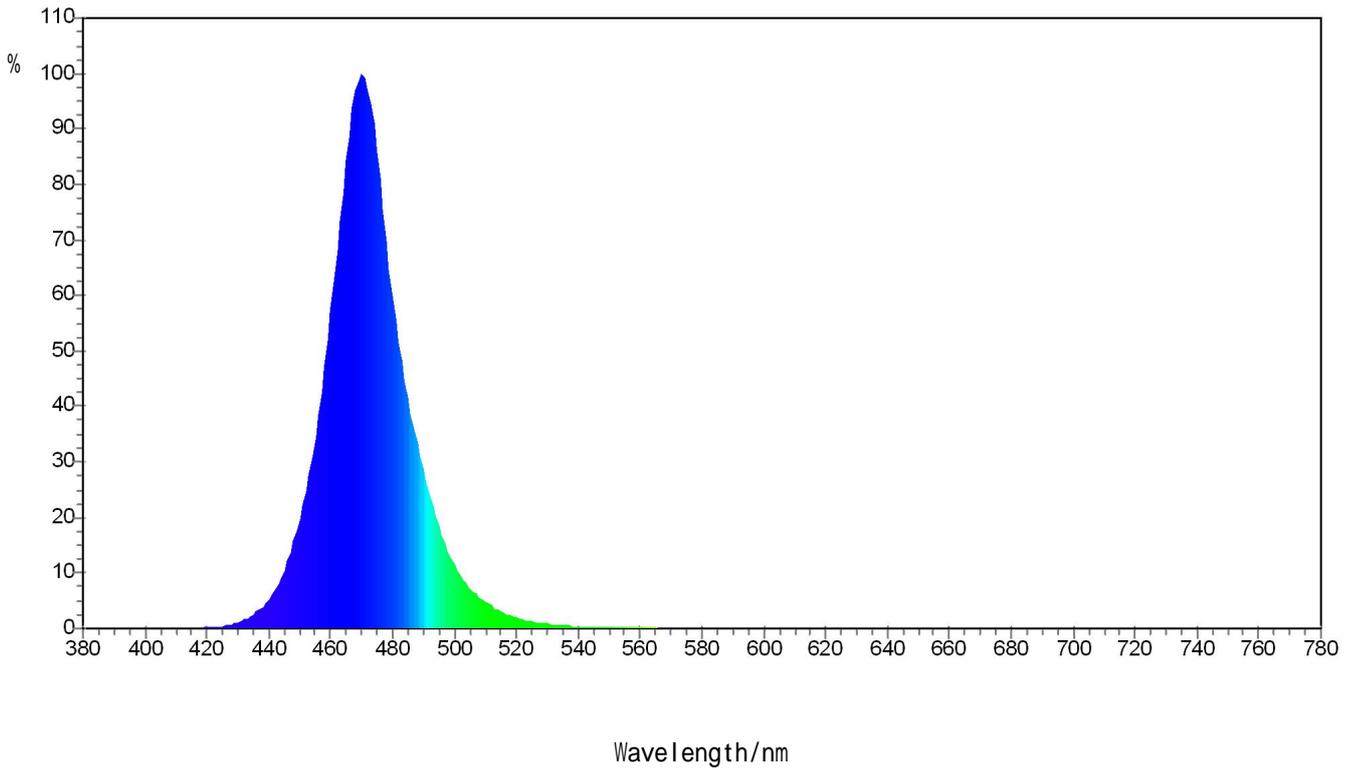


Electrical parameters

Flux: 77.870 lm E: 28.671 lm/w P: 606.76 mw
 I: 700.0 mA V: 3.88 V P: 2.716 w PF:

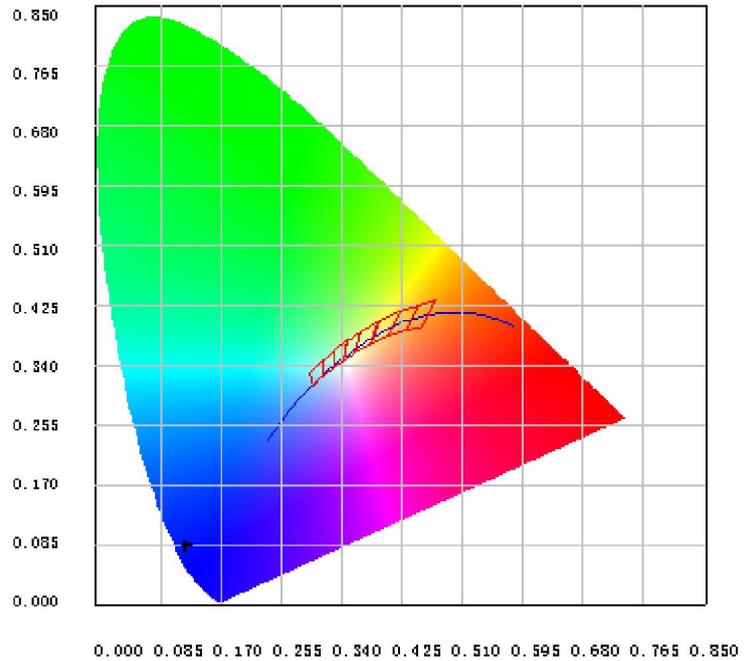
Memo:

Product Mode: 1	Item No: 4
Tester: Y	Date: 2025-05-13 14:35
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.1243 y: 0.0878
 u: 0.1307 v: 0.1384
 WD: 473.4 nm WP: 470.2 nm
 HW: 23.9 nm Purity: 95.535
 CCT: 100000 K Ra: -42.3
 SDCM : 144.75 DUV : 0.0150
 Ratio : R%: 0.2 G%: 4.5 B%: 95.3
 Kred 0.30% Kgreen 17.70% Kblue 82.00%
 R1: -16.0 R2: -34.5 R3: -113.0
 R4: -70.6 R5: 3.2 R6: -46.0
 R7: -33.7 R8: -27.9 R9: -281.2
 R10: -205.8 R11: -100.8 R12: -85.6
 R13: -33.0 R14: -20.7 R15: -1.4

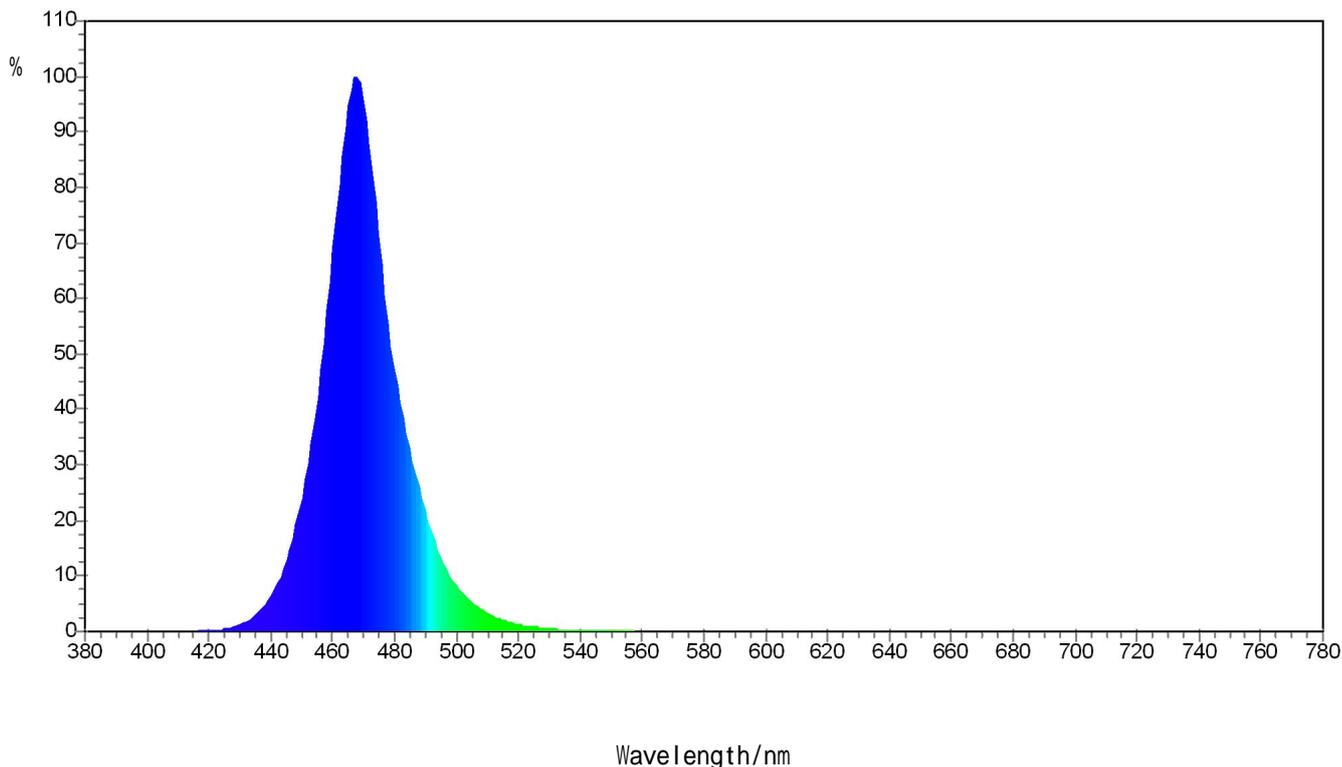


Electrical parameters

Flux: 99.500 lm E: 22.874 lm/w P: 801.74 mw
 I: 1000.0 mA V: 4.35 V P: 4.350 w PF:

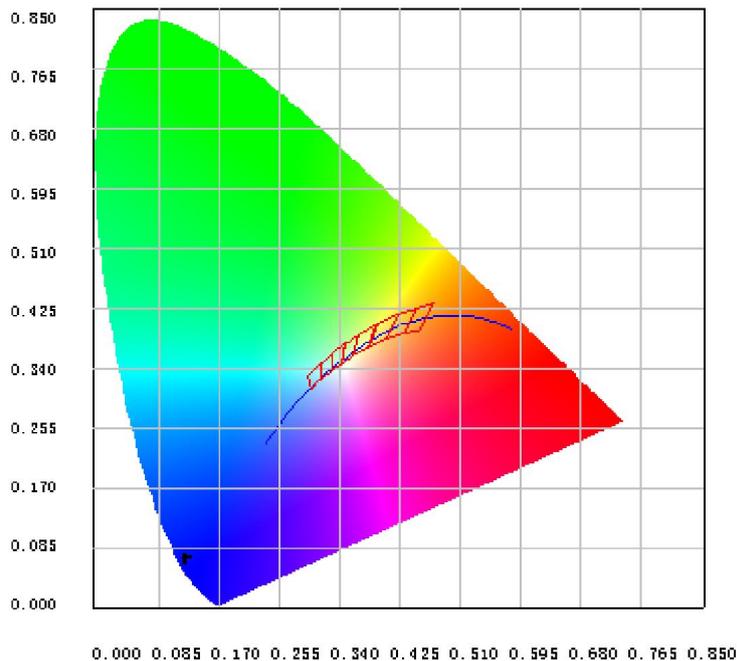
Memo:

Product Mode: 1	Item No: 5
Tester: Y	Date: 2025-05-13 14:35
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.1288 y: 0.0742
 u: 0.1418 v: 0.1225
 WD: 471.3 nm WP: 467.7 nm
 HW: 22.7 nm Purity: 96.214
 CCT: 100000 K Ra: -46.1
 SDCM : 146.75 DUV : -0.1511
 Ratio : R%: 0.2 G%: 3.4 B%: 96.4
 Kred 0.34% Kgreen 15.08% Kblue 84.58%
 R1: -16.2 R2: -39.1 R3: -122.4
 R4: -75.2 R5: 2.4 R6: -49.6
 R7: -38.4 R8: -30.7 R9: -282.0
 R10: -216.5 R11: -105.8 R12: -93.8
 R13: -34.1 R14: -24.6 R15: -1.1

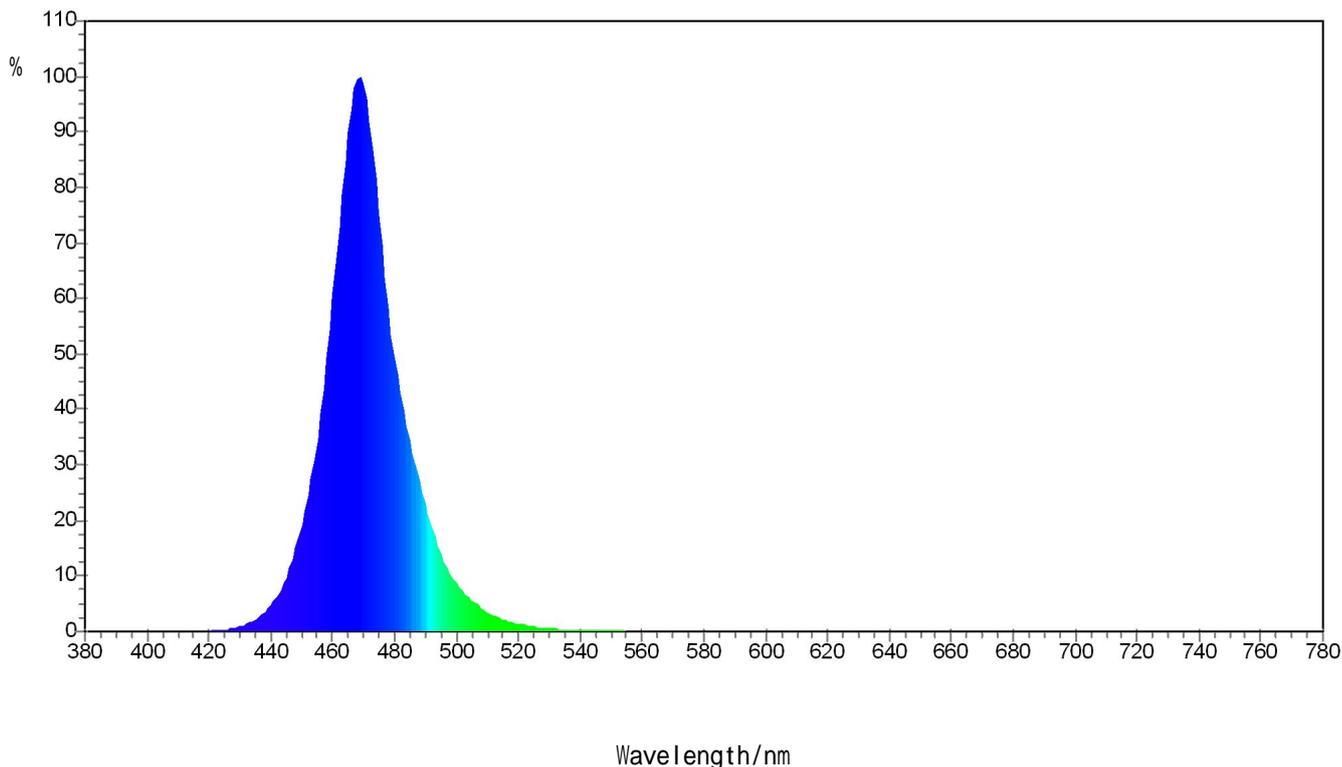


Electrical parameters

Flux: 91.883 lm E: 21.982 lm/w P: 809.21 mw
 I: 1000.0 mA V: 4.18 V P: 4.180 w PF:

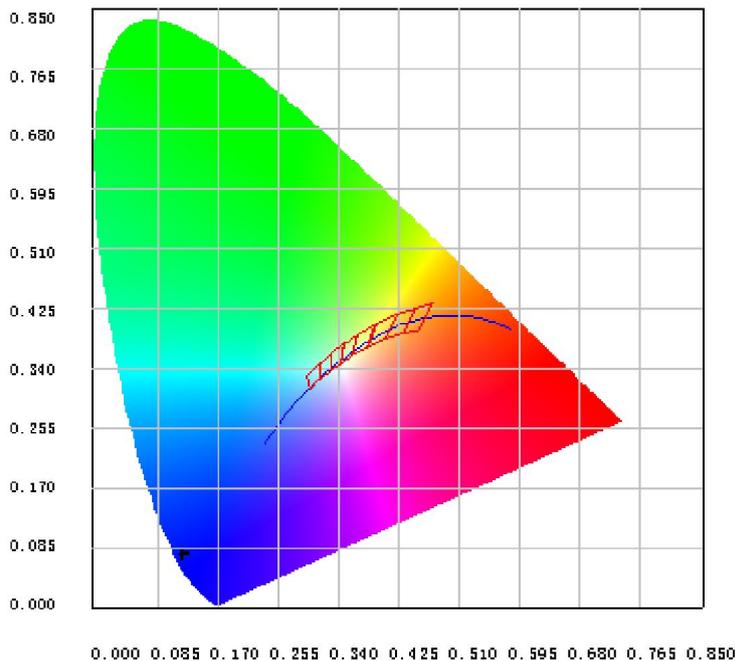
Memo:

Product Mode: 1	Item No: 6
Tester: Y	Date: 2025-05-13 14:35
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.1265 y: 0.0791
 u: 0.1368 v: 0.1284
 WD: 472.2 nm WP: 468.7 nm
 HW: 21.7 nm Purity: 96.131
 CCT: 100000 K Ra: -45.9
 SDCM : 146.18 DUV : 0.0064
 Ratio : R%: 0.2 G%: 3.6 B%: 96.2
 Kred 0.29% Kgreen 15.34% Kblue 84.37%
 R1: -16.5 R2: -39.2 R3: -121.1
 R4: -74.6 R5: 2.5 R6: -49.5
 R7: -38.3 R8: -30.5 R9: -283.0
 R10: -217.1 R11: -104.5 R12: -92.2
 R13: -34.8 R14: -24.2 R15: -2.1

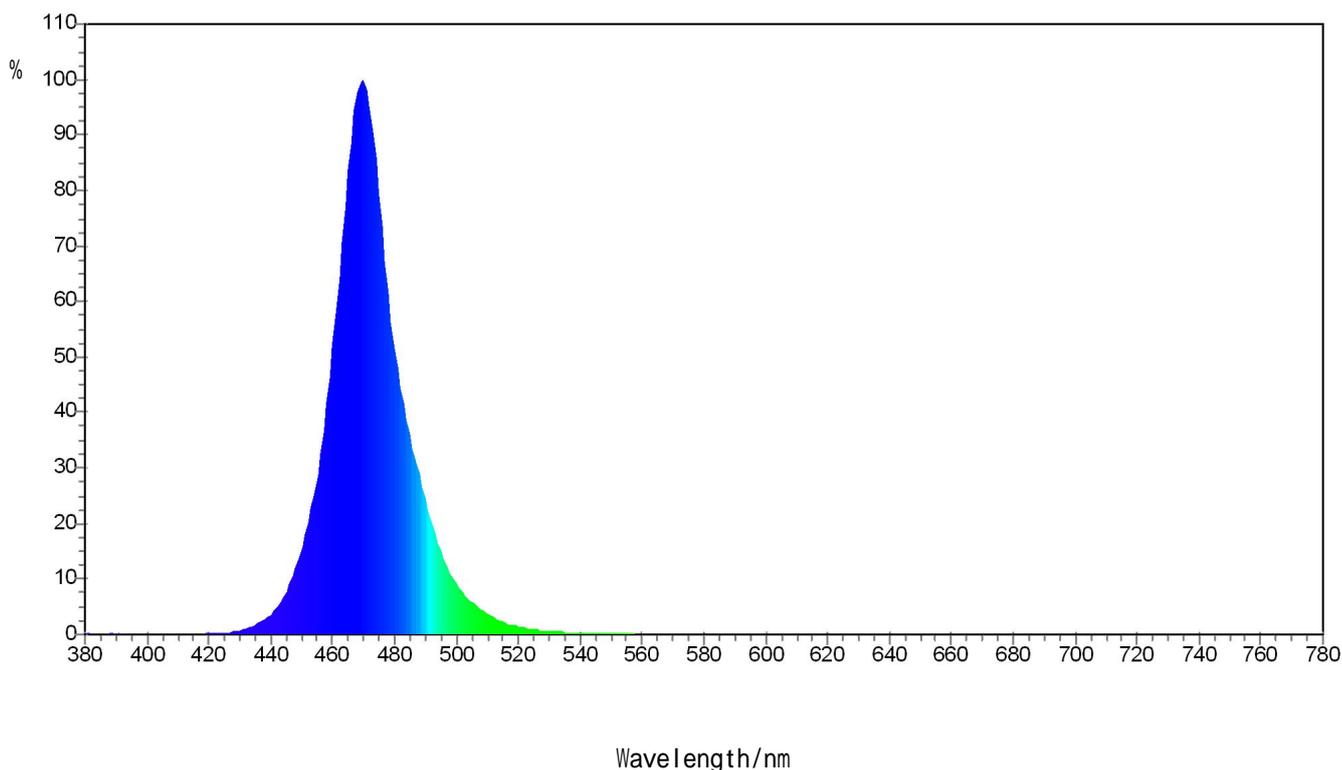


Electrical parameters

Flux: 71.424 lm E: 27.802 lm/w P: 606.71 mw
 I: 700.0 mA V: 3.67 V P: 2.569 w PF:

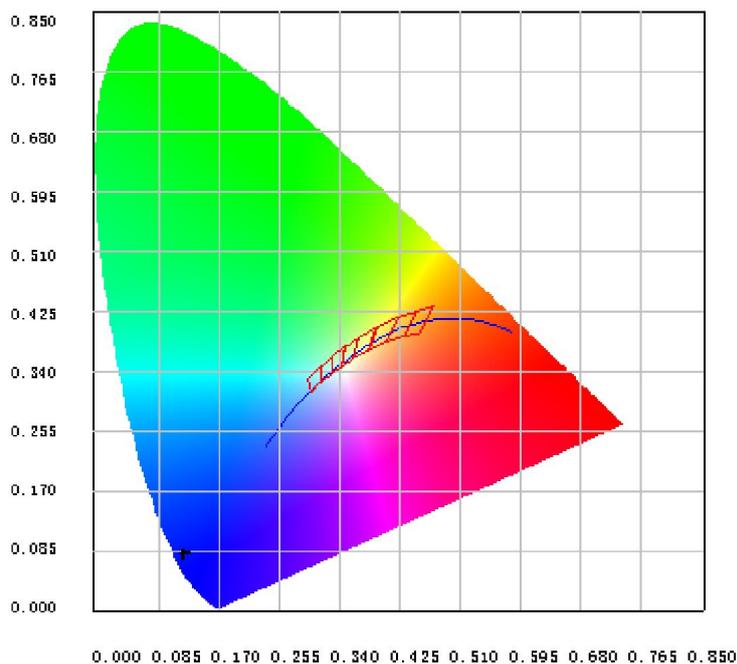
Memo:

Product Mode: 1	Item No: 7
Tester: Y	Date: 2025-05-13 14:35
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.1245 y: 0.0848
 u: 0.1322 v: 0.1350
 WD: 473.1 nm WP: 469.7 nm
 HW: 20.8 nm Purity: 95.880
 CCT: 100000 K Ra: -44.6
 SDCM: 145.40 DUV: 0.0127
 Ratio: R%: 0.3 G%: 4.0 B%: 95.7
 Kred 0.40% Kgreen 15.95% Kblue 83.65%
 R1: -14.9 R2: -37.8 R3: -119.3
 R4: -73.1 R5: 4.1 R6: -48.2
 R7: -37.8 R8: -29.6 R9: -276.0
 R10: -214.2 R11: -102.0 R12: -89.1
 R13: -33.3 R14: -23.4 R15: -1.4

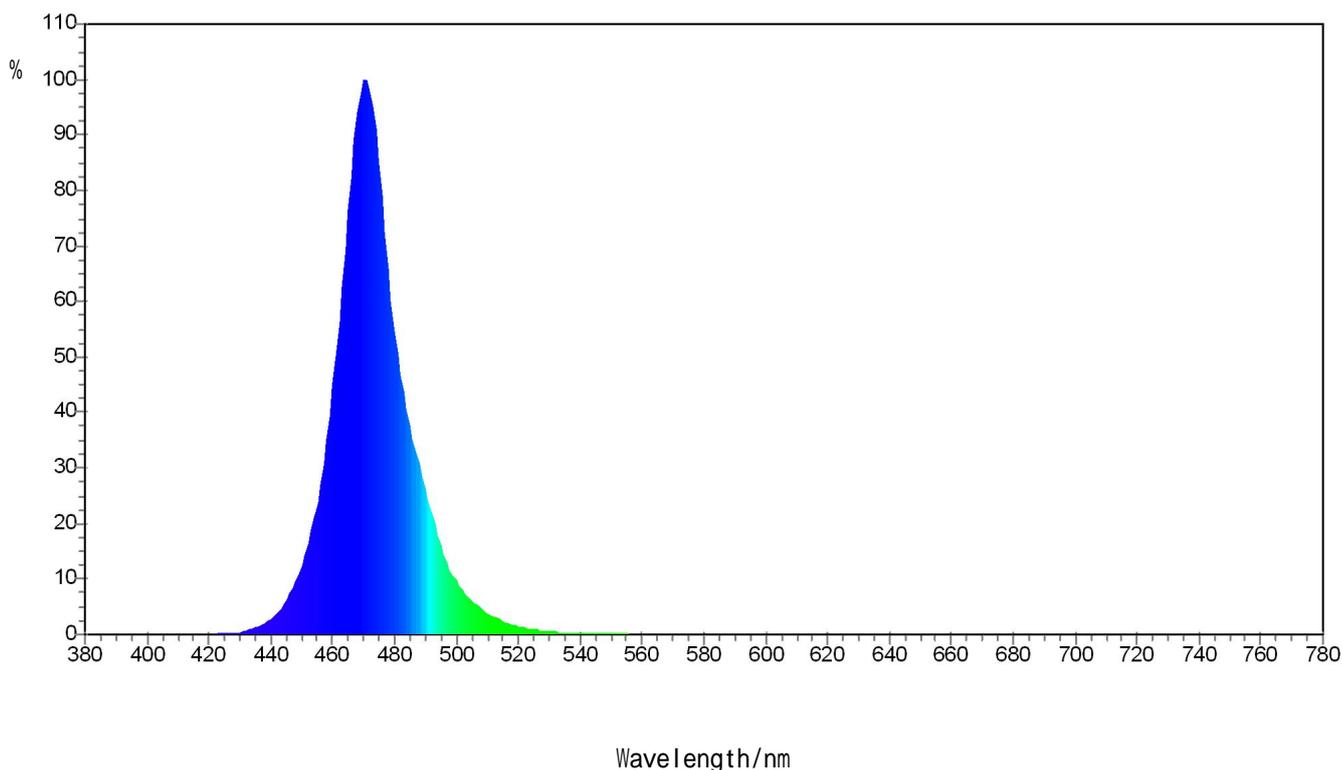


Electrical parameters

Flux: 55.360 lm E: 32.565 lm/w P: 459.19 mw
 I: 500.0 mA V: 3.40 V P: 1.700 w PF:

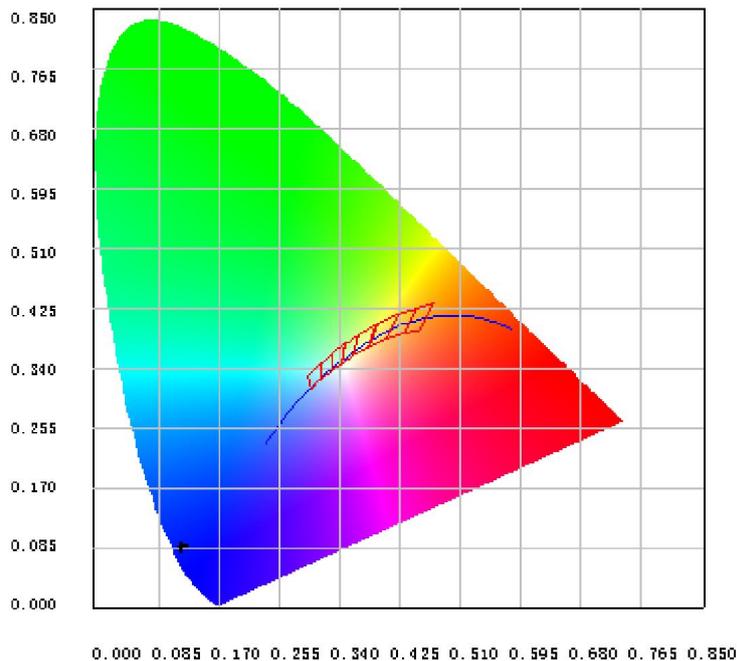
Memo:

Product Mode: 1	Item No: 8
Tester: Y	Date: 2025-05-13 14:35
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.1218 y: 0.0902
 u: 0.1270 v: 0.1410
 WD: 474.0 nm WP: 470.7 nm
 HW: 20.2 nm Purity: 95.902
 CCT: 100000 K Ra: -45.0
 SDCM : 145.24 DUV : 0.0193
 Ratio : R%: 0.2 G%: 4.1 B%: 95.7
 Kred 0.31% Kgreen 15.87% Kblue 83.82%
 R1: -16.4 R2: -38.8 R3: -118.4
 R4: -72.7 R5: 3.1 R6: -49.2
 R7: -37.8 R8: -29.5 R9: -280.5
 R10: -217.5 R11: -101.2 R12: -89.2
 R13: -35.2 R14: -23.3 R15: -2.8

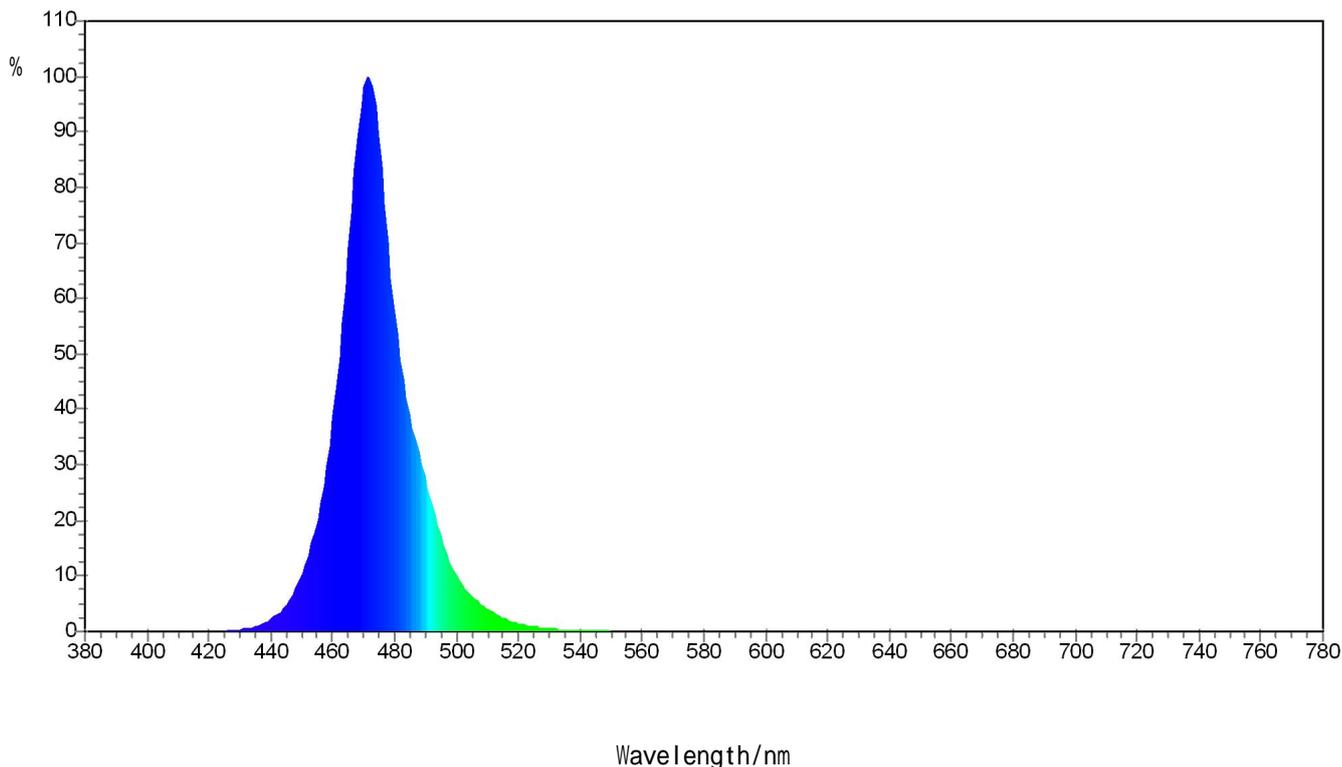


Electrical parameters

Flux: 41.688 lm E: 37.933 lm/w P: 330.30 mw
 I: 350.0 mA V: 3.14 V P: 1.099 w PF:

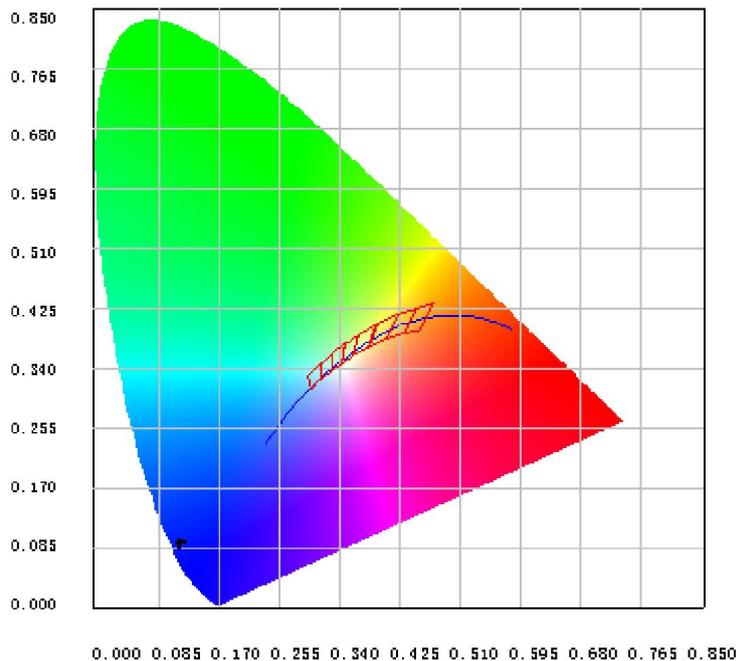
Memo:

Product Mode: 1	Item No: 9
Tester: Y	Date: 2025-05-13 14:35
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电



Spectrum Parameters

x: 0.1194 y: 0.0955
 u: 0.1222 v: 0.1467
 WD: 474.8 nm WP: 471.5 nm
 HW: 19.6 nm Purity: 95.929
 CCT: 100000 K Ra: -45.5
 SDCM : 145.19 DUV : 0.0253
 Ratio : R%: 0.1 G%: 4.4 B%: 95.5
 Kred 0.17% Kgreen 15.88% Kblue 83.94%
 R1: -18.5 R2: -39.8 R3: -117.4
 R4: -72.8 R5: 1.8 R6: -50.2
 R7: -37.6 R8: -29.8 R9: -290.0
 R10: -220.5 R11: -101.1 R12: -89.5
 R13: -37.5 R14: -23.0 R15: -4.9



Electrical parameters

Flux: 31.776 lm E: 43.529 lm/w P: 240.85 mw
 I: 250.0 mA V: 2.92 V P: 0.730 w PF:

Memo:

Product Mode: 1	Item No: 10
Tester: Y	Date: 2025-05-13 14:35
Temperature: 24 ()	Humidity: 60 (%)
Manufacturer: ZVISION	organization: 杭州中为光电