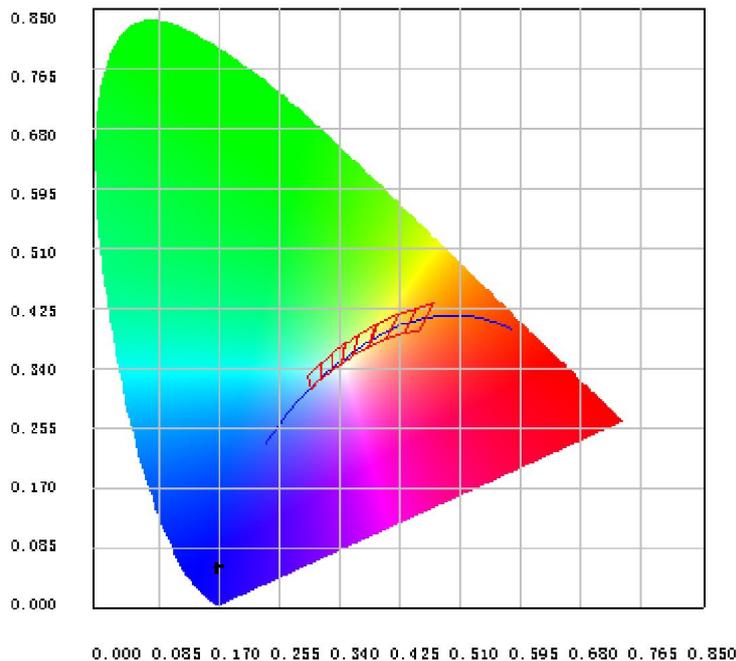


Spectrum Parameters

| | | | | | |
|--------|----------|---------|----------|-------|--------|
| x: | 0.1736 | y: | 0.0618 | | |
| u: | 0.2046 | v: | 0.1092 | | |
| WD: | 455.2 nm | WP: | 389.0 nm | | |
| HW: | 12.4 nm | Purity: | 87.484 | | |
| CCT: | 100000 K | Ra: | 20.8 | | |
| SDCM: | 141.80 | DUV: | -0.0892 | | |
| Ratio: | R%: 5.0 | G%: 0.4 | B%: 94.6 | | |
| Kred | 3.44% | Kgreen | 68.58% | Kblue | 27.97% |
| R1: | 38.2 | R2: | 75.7 | R3: | -4.7 |
| R4: | -11.4 | R5: | 39.4 | R6: | -4.6 |
| R7: | 37.8 | R8: | -4.1 | R9: | -138.7 |
| R10: | 17.8 | R11: | -13.0 | R12: | -82.9 |
| R13: | 59.3 | R14: | 42.3 | R15: | 51.8 |

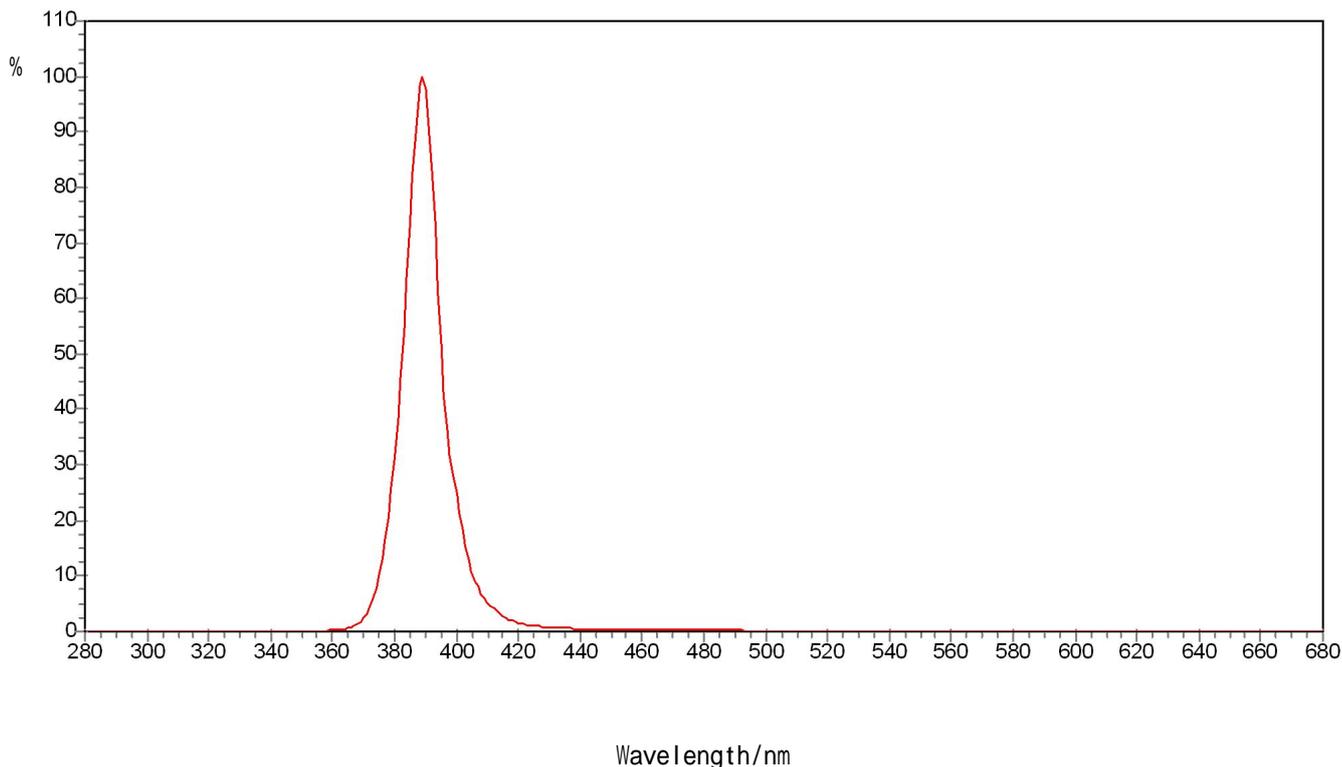


Electrical parameters

| | | | | | | | |
|-------|-----------|----|-------------|----|-----------|-----|--|
| Flux: | 11.712 lm | E: | 11.585 lm/w | P: | 309.19 mw | | |
| I: | 315.0 mA | V: | 3.21 V | P: | 1.011 w | PF: | |

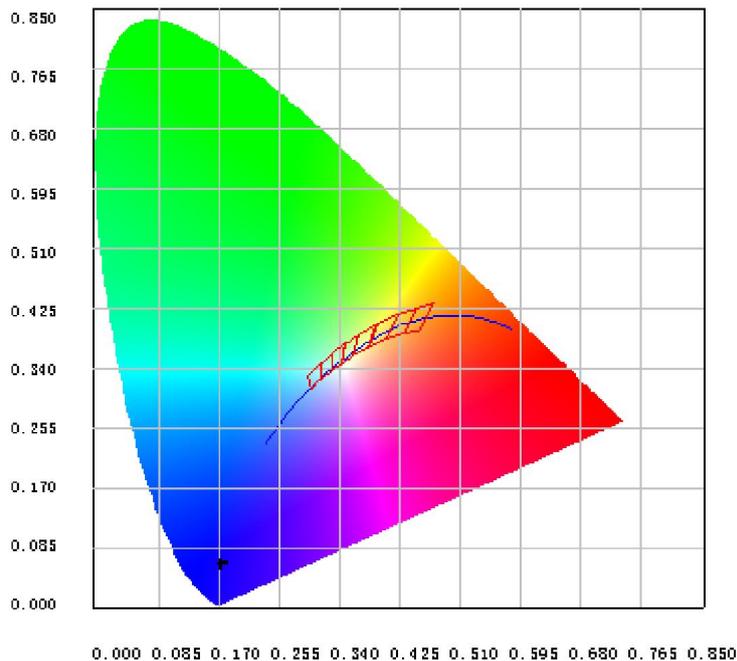
Memo:

| | | | |
|---------------|---------|---------------|------------------|
| Product Mode: | 1 | Item No: | 3 |
| Tester: | Y | Date: | 2025-03-26 14:58 |
| Temperature: | 24 () | Humidity: | 60 (%) |
| Manufacturer: | ZVISION | organization: | 杭州中为光电 |



Spectrum Parameters

x: 0.1766 y: 0.0667
 u: 0.2049 v: 0.1161
 WD: 455.2 nm WP: 389.2 nm
 HW: 12.6 nm Purity: 85.876
 CCT: 100000 K Ra: 27.7
 SDCM : 139.21 DUV : -0.0885
 Ratio: R%: 5.0 G%: 0.4 B%: 94.6
 Kred 4.56% Kgreen 69.22% Kblue 26.22%
 R1: 47.2 R2: 75.4 R3: 3.3
 R4: -0.4 R5: 46.1 R6: 0.3
 R7: 43.5 R8: 6.5 R9: -91.8
 R10: 18.8 R11: 1.7 R12: -77.3
 R13: 61.1 R14: 46.9 R15: 58.7

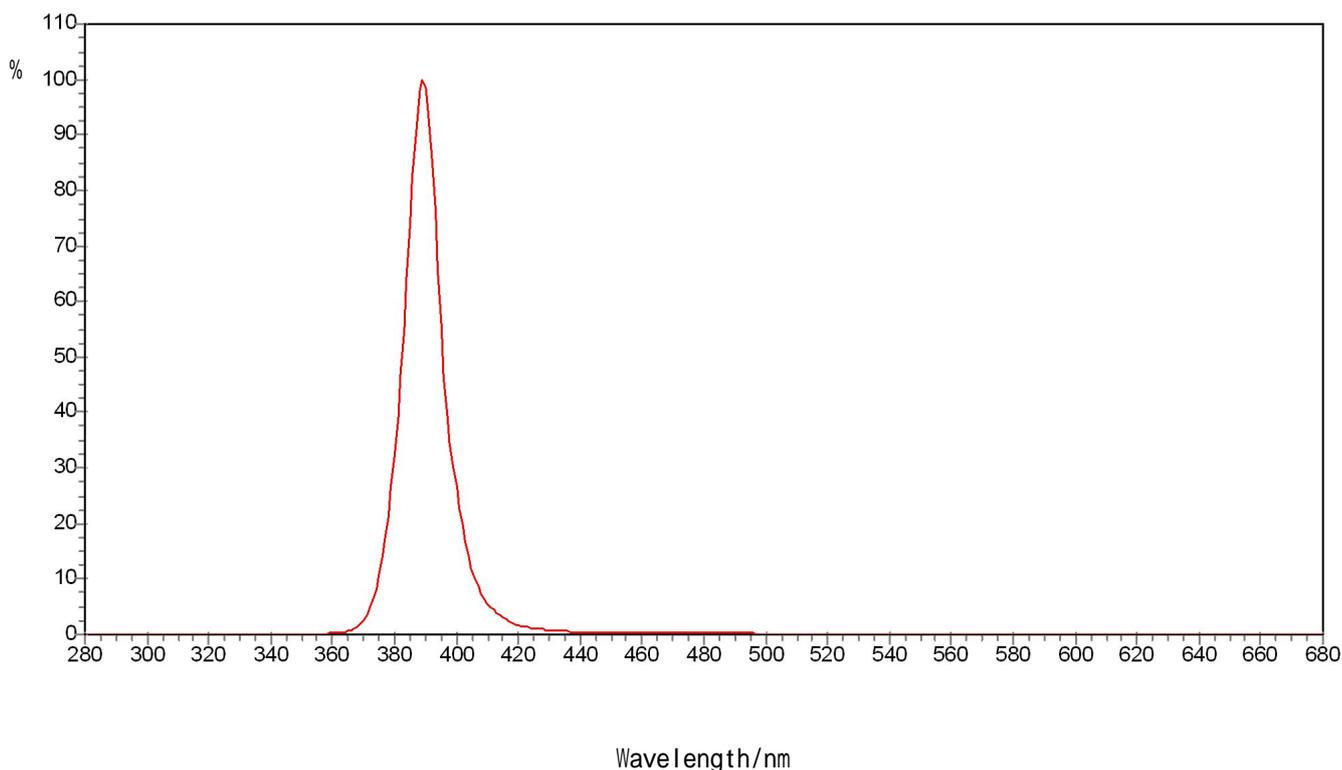


Electrical parameters

Flux: 12.982 lm E: 11.448 lm/w P: 344.62 mw
 I: 350.0 mA V: 3.24 V P: 1.134 w PF:

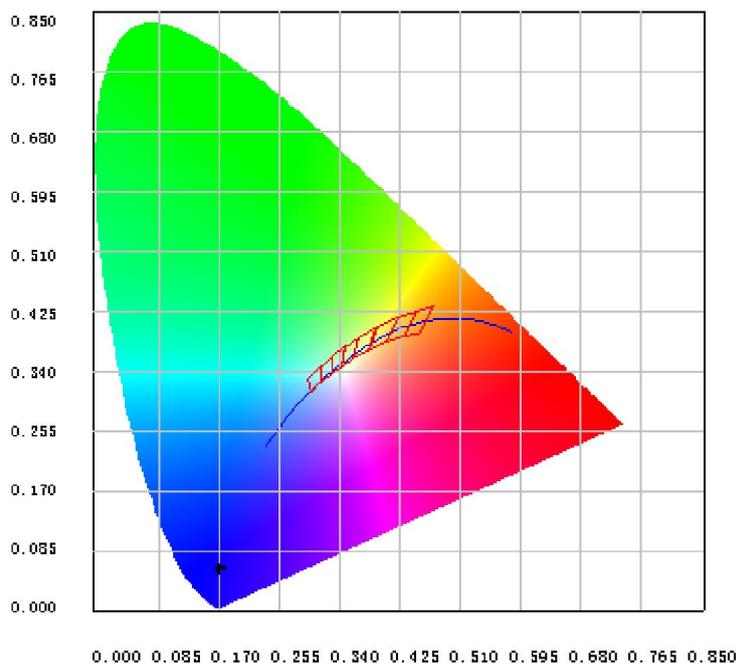
Memo:

| | |
|-----------------------|------------------------|
| Product Mode: 1 | Item No: 4 |
| Tester: Y | Date: 2025-03-26 14:58 |
| Temperature: 24 () | Humidity: 60 (%) |
| Manufacturer: ZVISION | organization: 杭州中为光电 |



Spectrum Parameters

| | | | | | |
|--------|----------|---------|----------|-------|--------|
| x: | 0.1753 | y: | 0.0634 | | |
| u: | 0.2056 | v: | 0.1116 | | |
| WD: | 454.8 nm | WP: | 389.3 nm | | |
| HW: | 13.2 nm | Purity: | 86.801 | | |
| CCT: | 100000 K | Ra: | 24.3 | | |
| SDCM: | 140.88 | DUV: | -0.0881 | | |
| Ratio: | R%: 4.8 | G%: 0.5 | B%: 94.7 | | |
| Kred | 3.96% | Kgreen | 68.81% | Kblue | 27.22% |
| R1: | 42.9 | R2: | 75.2 | R3: | -1.1 |
| R4: | -6.0 | R5: | 43.0 | R6: | -0.7 |
| R7: | 39.9 | R8: | 1.0 | R9: | -120.7 |
| R10: | 17.9 | R11: | -5.2 | R12: | -81.9 |
| R13: | 61.0 | R14: | 44.4 | R15: | 54.7 |



Electrical parameters

| | | | | | | | |
|-------|-----------|----|-------------|----|-----------|-----|--|
| Flux: | 25.282 lm | E: | 10.117 lm/w | P: | 671.48 mw | | |
| I: | 700.0 mA | V: | 3.57 V | P: | 2.499 w | PF: | |

Memo:

| | | | |
|---------------|---------|---------------|------------------|
| Product Mode: | 1 | Item No: | 5 |
| Tester: | Y | Date: | 2025-03-26 14:58 |
| Temperature: | 24 () | Humidity: | 60 (%) |
| Manufacturer: | ZVISION | organization: | 杭州中为光电 |