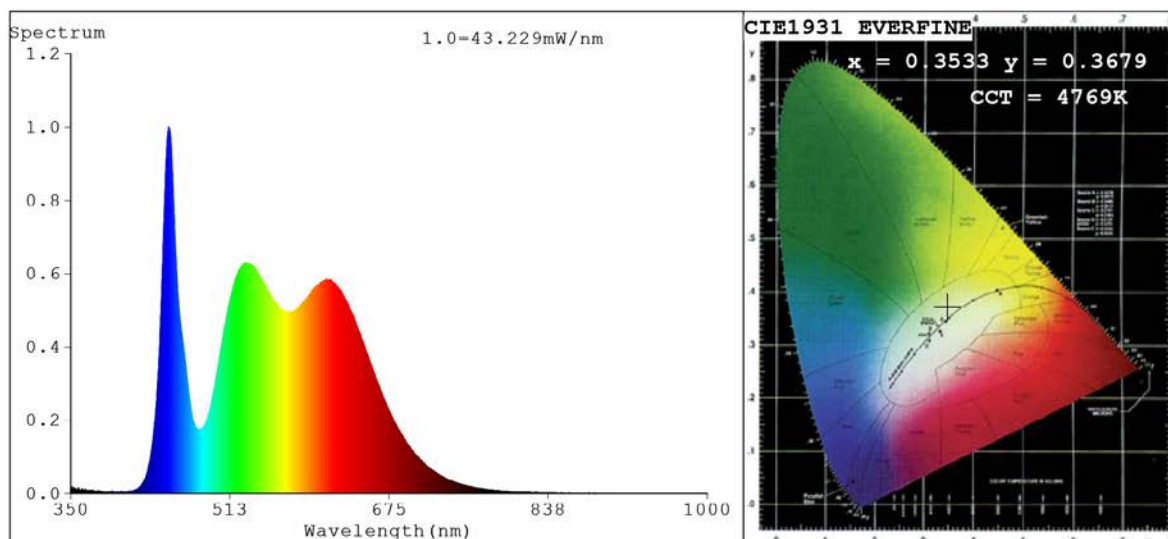


## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3533$   $y=0.3679$   $u'=0.2107$   $v'=0.4936$   
 CCT=4769K (Duv=0.0048) Dominant WL:Ld =571.6nm Purity=16.4%  
 Ratio:R=17.8% G=78.4% B=3.8%;;Peak WL:Lp=449.9nm FWHM=18.6nm  
 Render Index:Ra=90.8 CRI=85.7 TM30:Rf=90 Rg=101  
 R1 =93 R2 =91 R3 =87 R4 =93 R5 =91 R6 =87 R7 =95  
 R8 =89 R9 =63 R10=77 R11=90 R12=59 R13=93 R14=92 R15=90

### Photo Parameters:

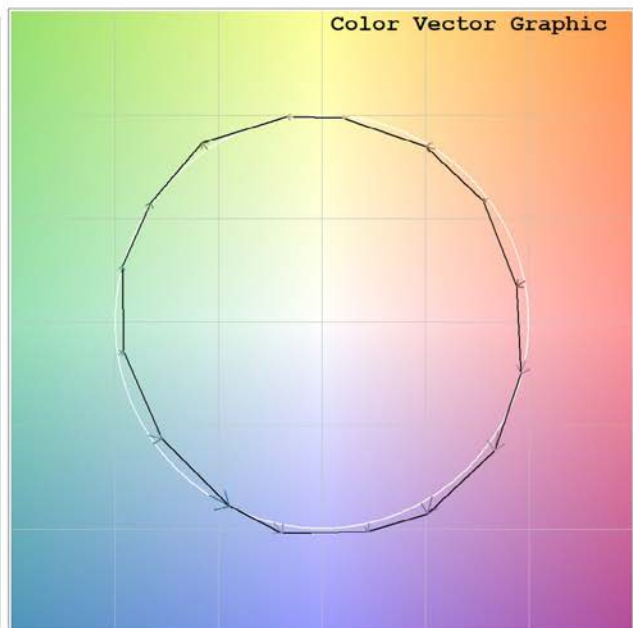
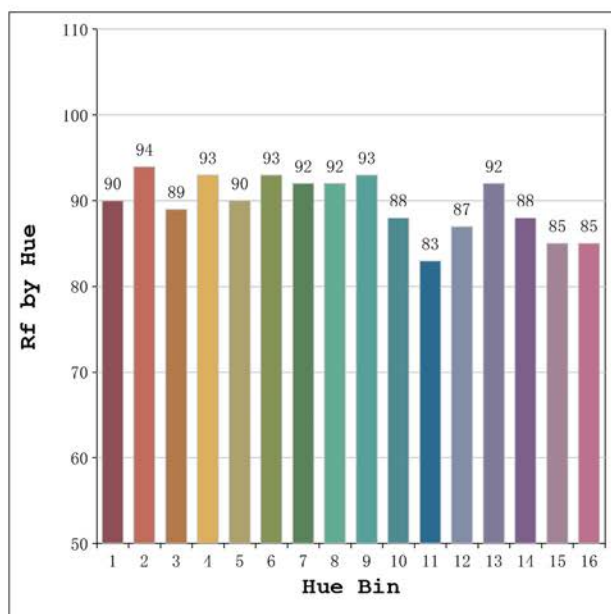
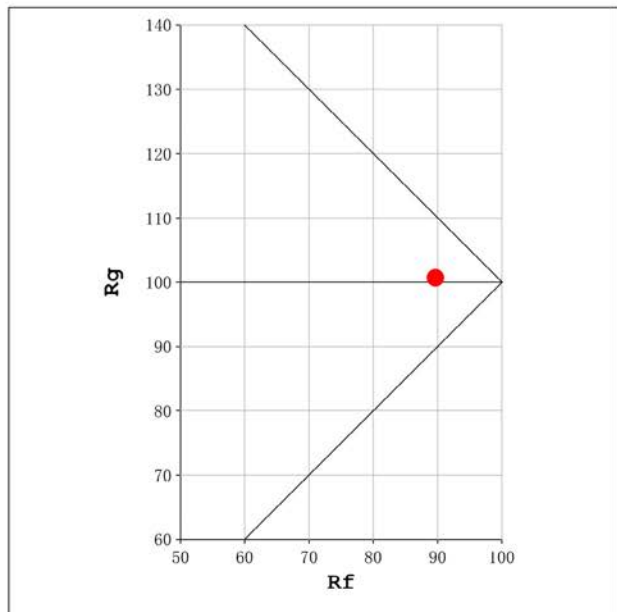
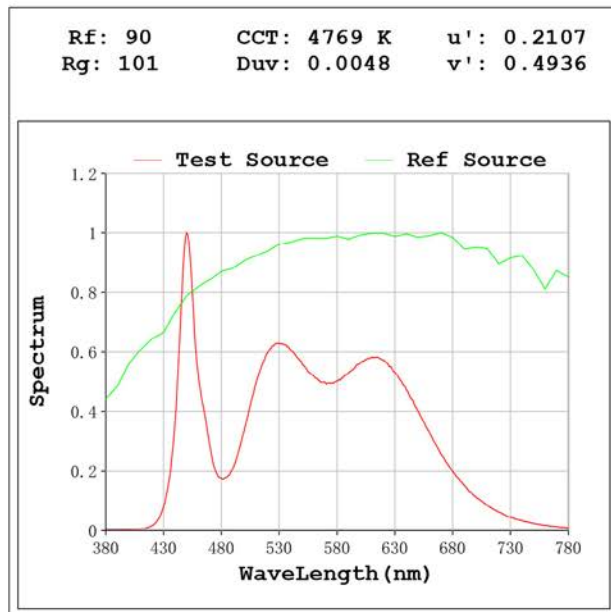
Flux = 1660 lm Eff. : 111.73 lm/W Fe = 5.380 W

### Electrical parameters:

V = 23.998 V I = 0.6190 A P = 14.85 W PF = 1.000

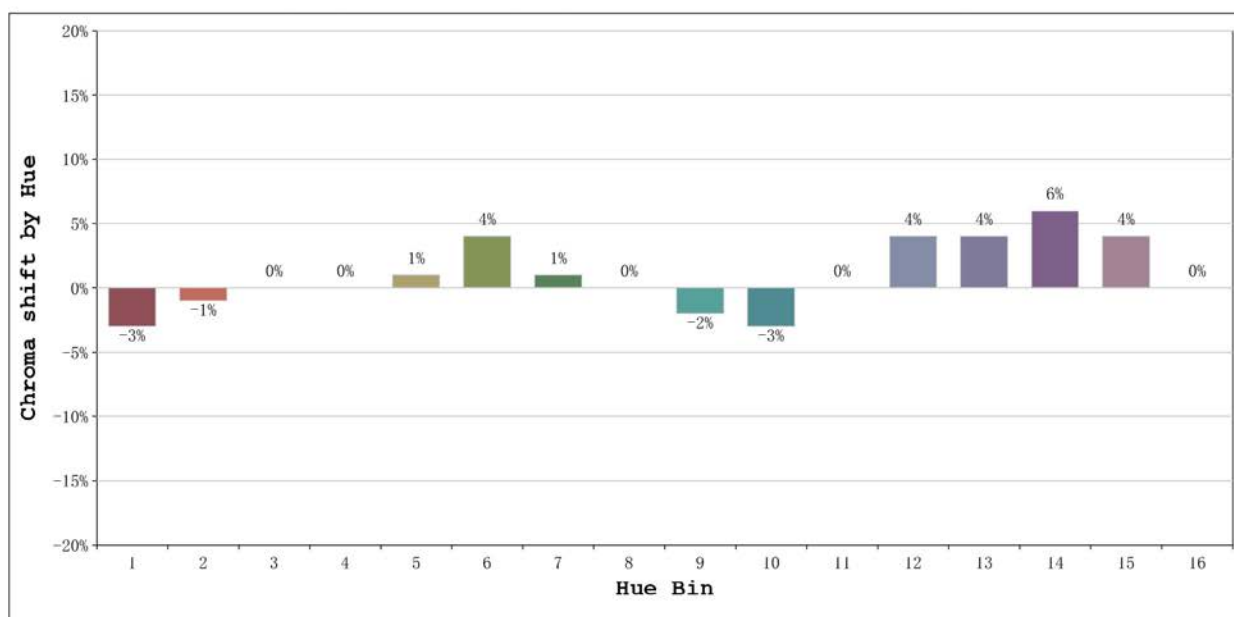
Status: Integral T = 667 ms Ip = 39116 (60%)

|                                 |                                |
|---------------------------------|--------------------------------|
| Model:Ecoled Élite 15 Gold 5000 | Number: 31.179                 |
| Tester:Sergio Carneros          | Date:2025-02-12 16:04:44       |
| Temperature:20Deg               | Humidity:50%                   |
| Manufacturer:Luz Negra          | Remarks:100cm de tira flexible |



Model:Ecoled Élite 15 Gold 5000  
 Tester:Sergio Carneros  
 Temperature:20Deg  
 Manufacturer:Luz Negra

Number: 31.179  
 Date:2025-02-12 16:04:44  
 Humidity:50%  
 Remarks:100cm de tira flexible



|         |                 |    | Graphic shift(%) |     |
|---------|-----------------|----|------------------|-----|
| Hue Bin | Hue Angle       | Rf | Chroma           | Hue |
| 1       | 0.0° - 22.5°    | 90 | -3               | -1  |
| 2       | 22.5° - 45.0°   | 94 | -1               | 0   |
| 3       | 45.0° - 67.5°   | 89 | 0                | 5   |
| 4       | 67.5° - 90.0°   | 93 | 0                | 3   |
| 5       | 90.0° - 112.5°  | 90 | 1                | 3   |
| 6       | 112.5° - 135.0° | 93 | 4                | 0   |
| 7       | 135.0° - 157.5° | 92 | 1                | -2  |
| 8       | 157.5° - 180.0° | 92 | 0                | -2  |
| 9       | 180.0° - 202.5° | 93 | -2               | 0   |
| 10      | 202.5° - 225.0° | 88 | -3               | 5   |
| 11      | 225.0° - 247.5° | 83 | 0                | 11  |
| 12      | 247.5° - 270.0° | 87 | 4                | 5   |
| 13      | 270.0° - 292.5° | 92 | 4                | -1  |
| 14      | 292.5° - 315.0° | 88 | 6                | -5  |
| 15      | 315.0° - 337.5° | 85 | 4                | -8  |
| 16      | 337.5° - 360.0° | 85 | 0                | -6  |

Model:Ecoled Élite 15 Gold 5000 Number: 31.179  
 Tester:Sergio Carneros Date:2025-02-12 16:04:44  
 Temperature:20Deg Humidity:50%  
 Manufacturer:Luz Negra Remarks:100cm de tira flexible