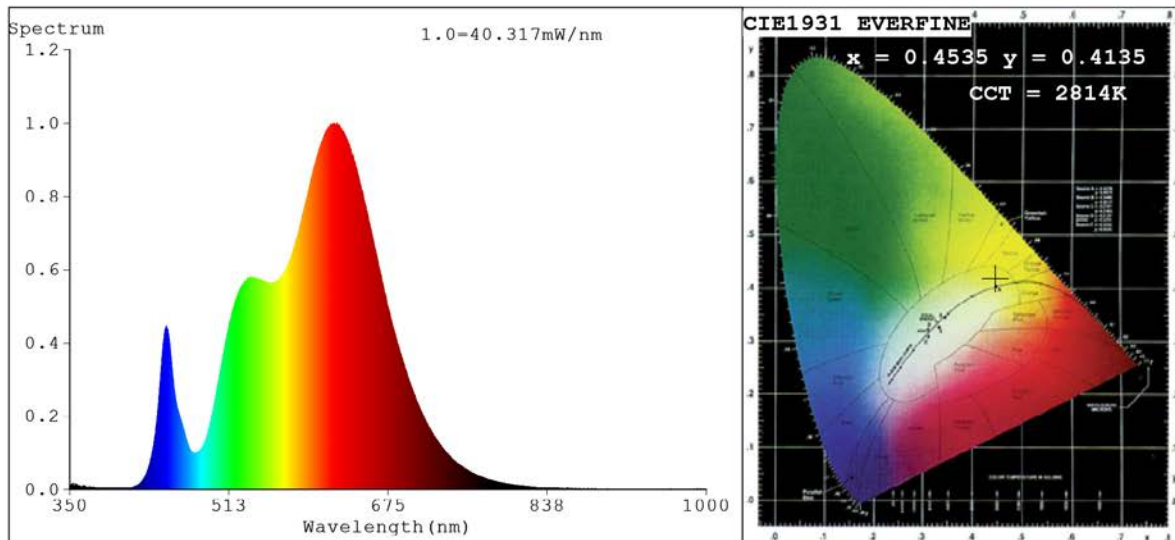


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4535$ $y=0.4135$ $u'=0.2571$ $v'=0.5275$
 CCT=2814K(Duv=0.0017) Dominant WL:Ld =583.1nm Purity=60.2%
 Ratio:R=26.2% G=72.0% B=1.8%;;Peak WL:Lp=623.0nm FWHM=157.1nm
 Render Index:Ra=93.9 CRI=90.4 TM30:Rf=90 Rg=102
 R1 =97 R2 =95 R3 =92 R4 =95 R5 =96 R6 =95 R7 =95
 R8 =86 R9 =64 R10=87 R11=92 R12=80 R13=97 R14=94 R15=91

Photo Parameters:

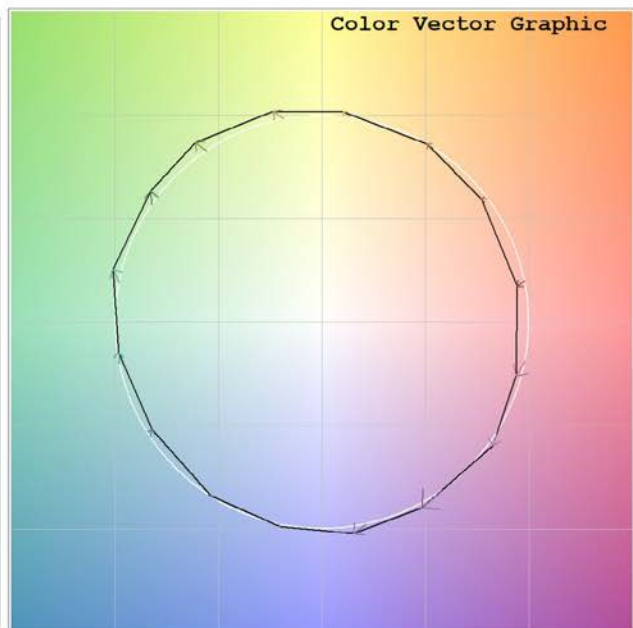
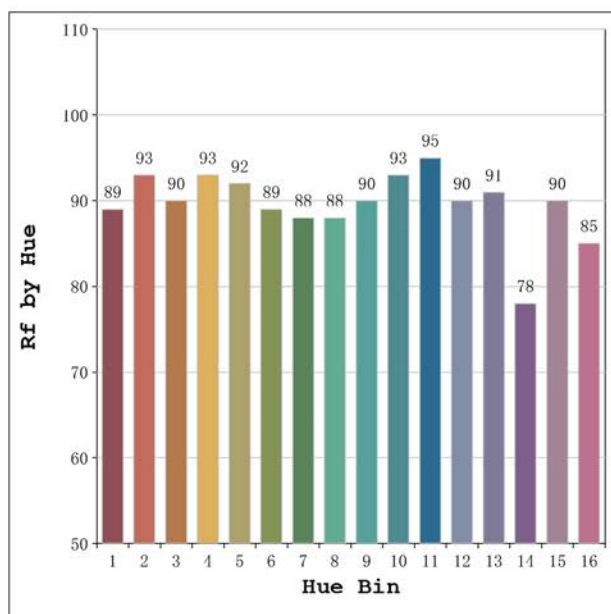
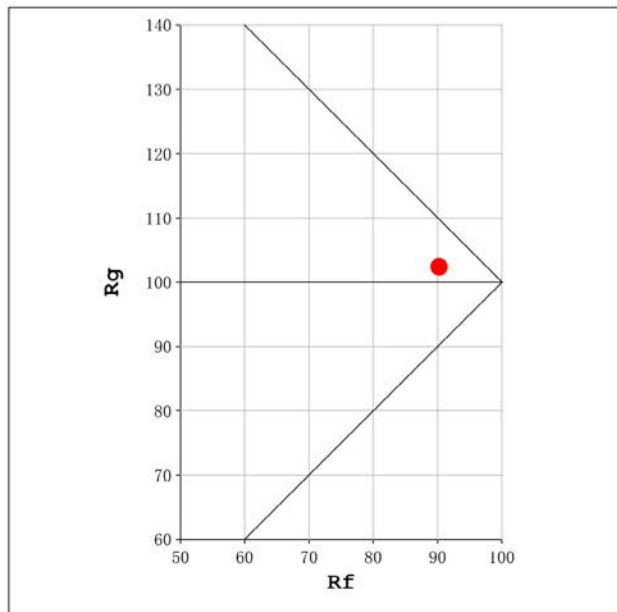
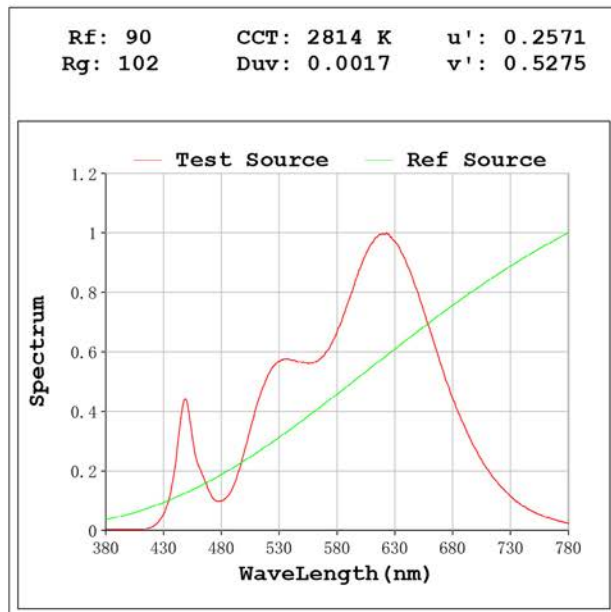
Flux = 1829 lm Eff. : 90.62 lm/W Fe = 6.238 W

Electrical parameters:

V = 23.998 V I = 0.8409 A P = 20.18 W PF = 1.000

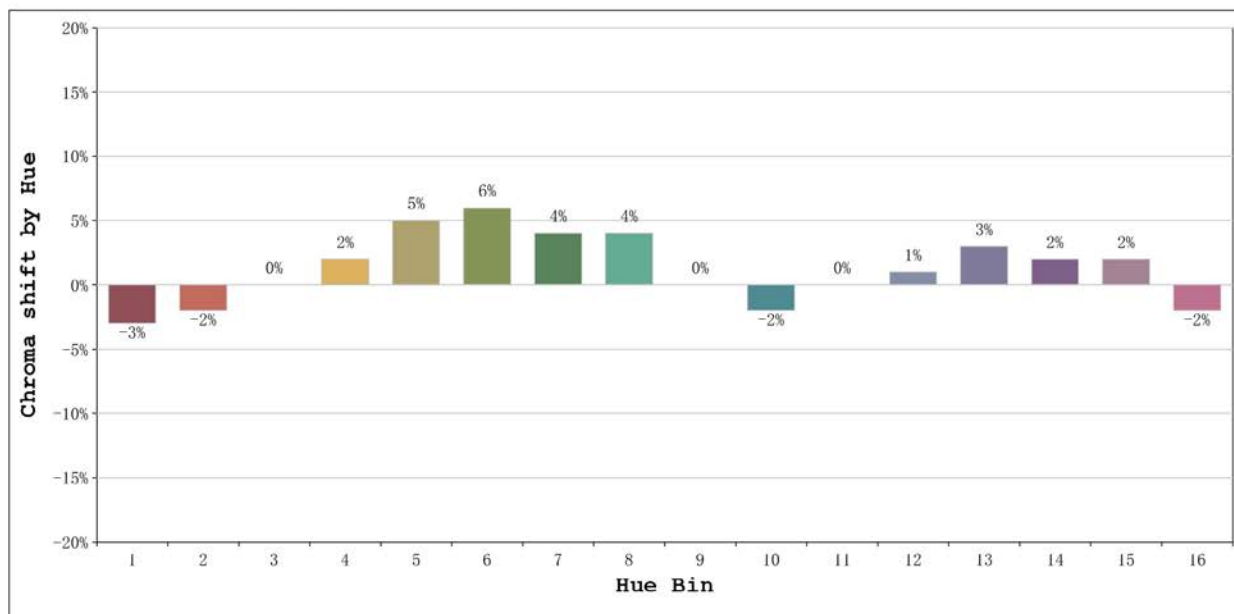
Status: Integral T = 667 ms Ip = 50143 (77%)

| | |
|---------------------------------|--------------------------------|
| Model:Ecoled Élite 20 Gold 2800 | Number: 31.180 |
| Tester:Sergio Carneros | Date:2025-02-12 15:19:43 |
| Temperature:20Deg | Humidity:50% |
| Manufacturer:Luz Negra | Remarks:100cm de tira flexible |



Model:Ecoled Élite 20 Gold 2800
 Tester:Sergio Carneros
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Number: 31.180
 Date:2025-02-12 15:19:43
 Humidity:50%
 Remarks:100cm de tira flexible



| | | | Graphic shift(%) | |
|---------|-----------------|----|------------------|-----|
| Hue Bin | Hue Angle | Rf | Chroma | Hue |
| 1 | 0.0° - 22.5° | 89 | -3 | -1 |
| 2 | 22.5° - 45.0° | 93 | -2 | 2 |
| 3 | 45.0° - 67.5° | 90 | 0 | 4 |
| 4 | 67.5° - 90.0° | 93 | 2 | 3 |
| 5 | 90.0° - 112.5° | 92 | 5 | 4 |
| 6 | 112.5° - 135.0° | 89 | 6 | 2 |
| 7 | 135.0° - 157.5° | 88 | 4 | -4 |
| 8 | 157.5° - 180.0° | 88 | 4 | -4 |
| 9 | 180.0° - 202.5° | 90 | 0 | -4 |
| 10 | 202.5° - 225.0° | 93 | -2 | -2 |
| 11 | 225.0° - 247.5° | 95 | 0 | 1 |
| 12 | 247.5° - 270.0° | 90 | 1 | 1 |
| 13 | 270.0° - 292.5° | 91 | 3 | -6 |
| 14 | 292.5° - 315.0° | 78 | 2 | -12 |
| 15 | 315.0° - 337.5° | 90 | 2 | -5 |
| 16 | 337.5° - 360.0° | 85 | -2 | -7 |

Model:Ecoled Élite 20 Gold 2800 Number: 31.180
 Tester:Sergio Carneros Date:2025-02-12 15:19:43
 Temperature:20Deg Humidity:50%
 Manufacturer:Luz Negra Remarks:100cm de tira flexible