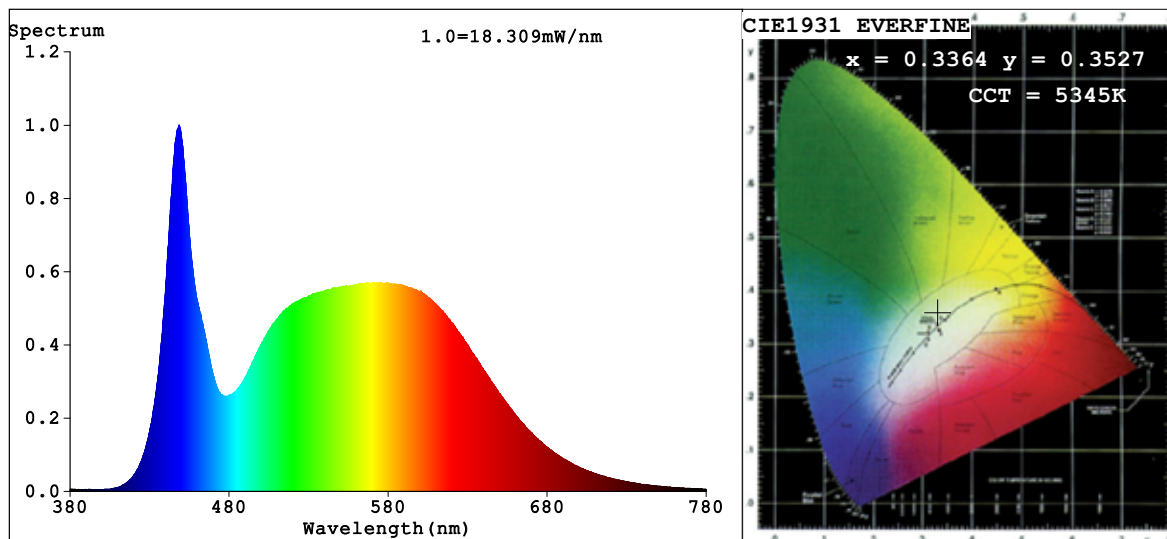


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3364$ $y=0.3527$ $u'=0.2051$ $v'=0.4839$
 CCT=5345K (Duv=0.0042) Dominant WL: $\lambda_d = 560.7\text{nm}$ Purity=6.8%
 Ratio: R=15.1% G=80.1% B=4.8%; Peak WL: $\lambda_p = 448.5\text{nm}$ FWHM=22.2nm
 Render Index: Ra=84.0 CRI=77.4 TM30: Rf=83 Rg=96
 R1 =82 R2 =88 R3 =92 R4 =85 R5 =83 R6 =84 R7 =88
 R8 =70 R9 =12 R10=71 R11=85 R12=65 R13=83 R14=96 R15=77

Photo Parameters:

Flux = 685.9 lm Eff. : 90.37 lm/W Φ_e = 2.153 W

Electrical parameters:

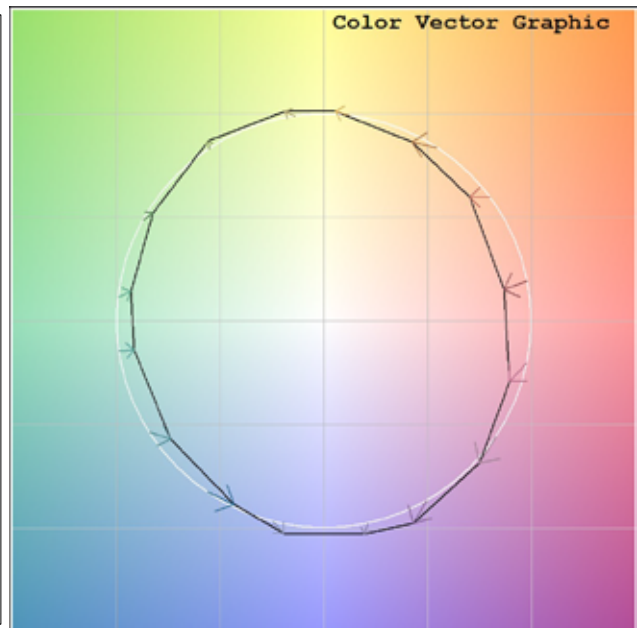
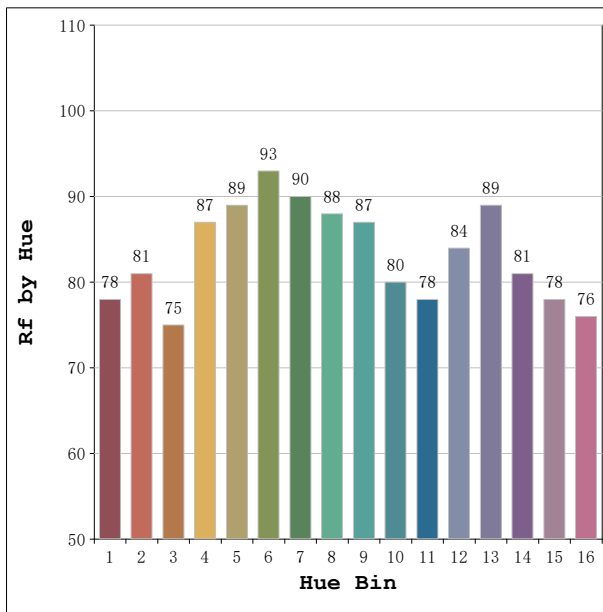
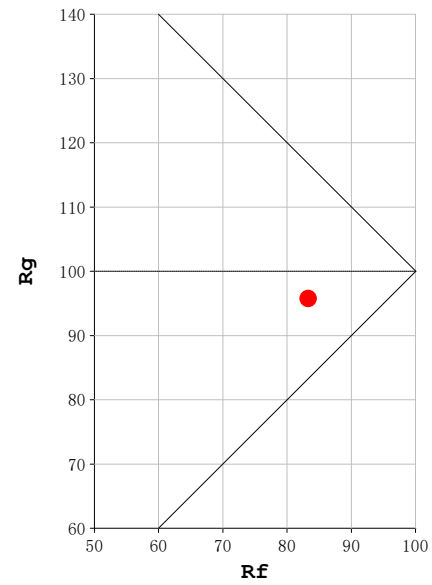
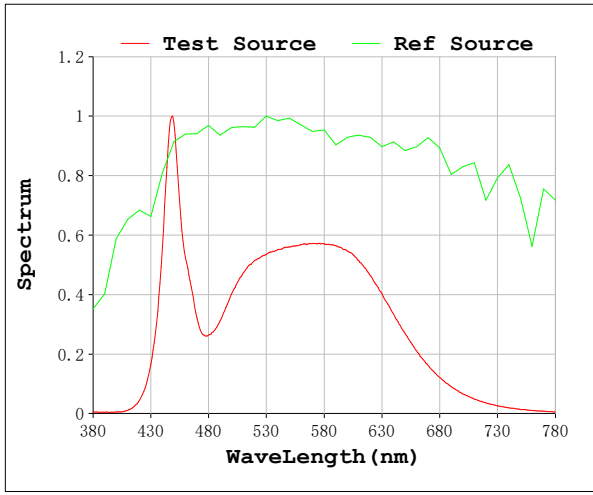
V = 11.998 V I = 0.6326 A P = 7.590 W PF = 1.000

Status: Integral T = 1985 ms I_p = 52239 (80%)

Model: Ecoled Menorca 5500K
 Tester: Sergio Carneros
 Temperature: 27Deg
 Manufacturer: Luz Negra S.L.

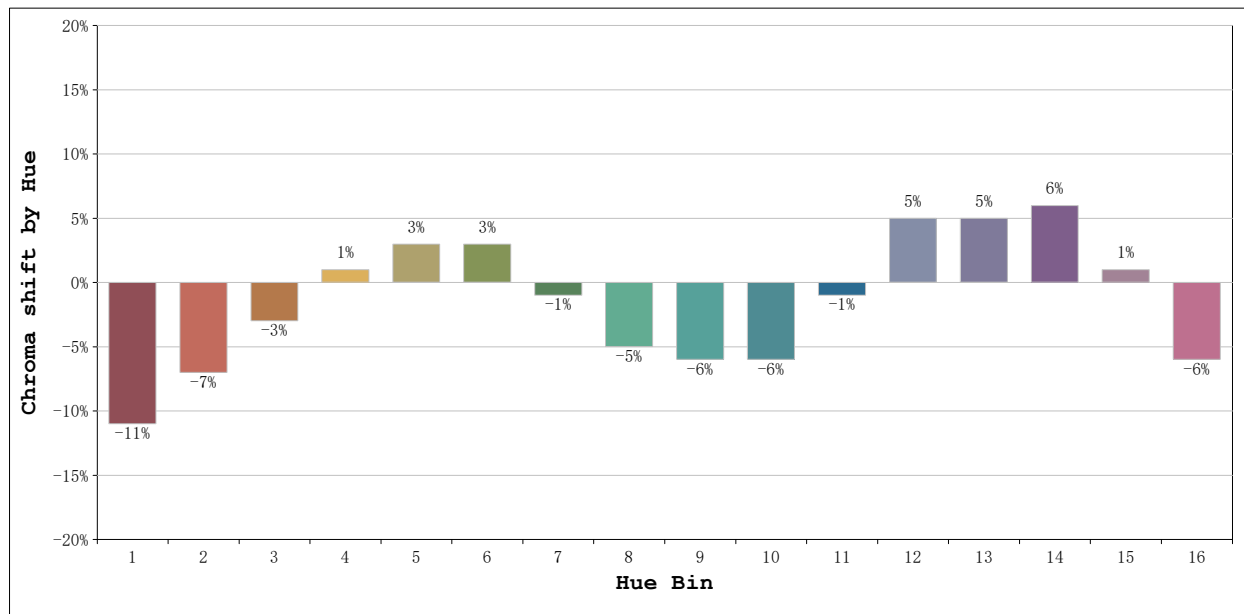
Number: 32.011
 Date: 16-10-2025 08:20:34
 Humidity: 35%
 Remarks: 100cm de tira flexible

Rf: 83 CCT: 5345 K u': 0.2051
Rg: 96 Duv: 0.0042 v': 0.4839



Model:Ecoled Menorca 5500K
Tester:Sergio Carneros
Temperature:27Deg
Manufacturer:Luz Negra S.L.

Number: 32.011
Date:16-10-2025 08:20:34
Humidity:35%
Remarks:100cm de tira flexible



| | | | Graphic shift(%) | |
|---------|-----------------|----|------------------|-----|
| Hue Bin | Hue Angle | Rf | Chroma | Hue |
| 1 | 0.0° - 22.5° | 78 | -11 | -1 |
| 2 | 22.5° - 45.0° | 81 | -7 | 5 |
| 3 | 45.0° - 67.5° | 75 | -3 | 11 |
| 4 | 67.5° - 90.0° | 87 | 1 | 8 |
| 5 | 90.0° - 112.5° | 89 | 3 | 4 |
| 6 | 112.5° - 135.0° | 93 | 3 | -1 |
| 7 | 135.0° - 157.5° | 90 | -1 | -4 |
| 8 | 157.5° - 180.0° | 88 | -5 | -3 |
| 9 | 180.0° - 202.5° | 87 | -6 | 1 |
| 10 | 202.5° - 225.0° | 80 | -6 | 8 |
| 11 | 225.0° - 247.5° | 78 | -1 | 14 |
| 12 | 247.5° - 270.0° | 84 | 5 | 7 |
| 13 | 270.0° - 292.5° | 89 | 5 | -2 |
| 14 | 292.5° - 315.0° | 81 | 6 | -10 |
| 15 | 315.0° - 337.5° | 78 | 1 | -14 |
| 16 | 337.5° - 360.0° | 76 | -6 | -9 |

Model:Ecoled Menorca 5500K
Tester:Sergio Carneros
Temperature:27Deg
Manufacturer:Luz Negra S.L.

Number: 32.011
Date:16-10-2025 08:20:34
Humidity:35%
Remarks:100cm de tira flexible