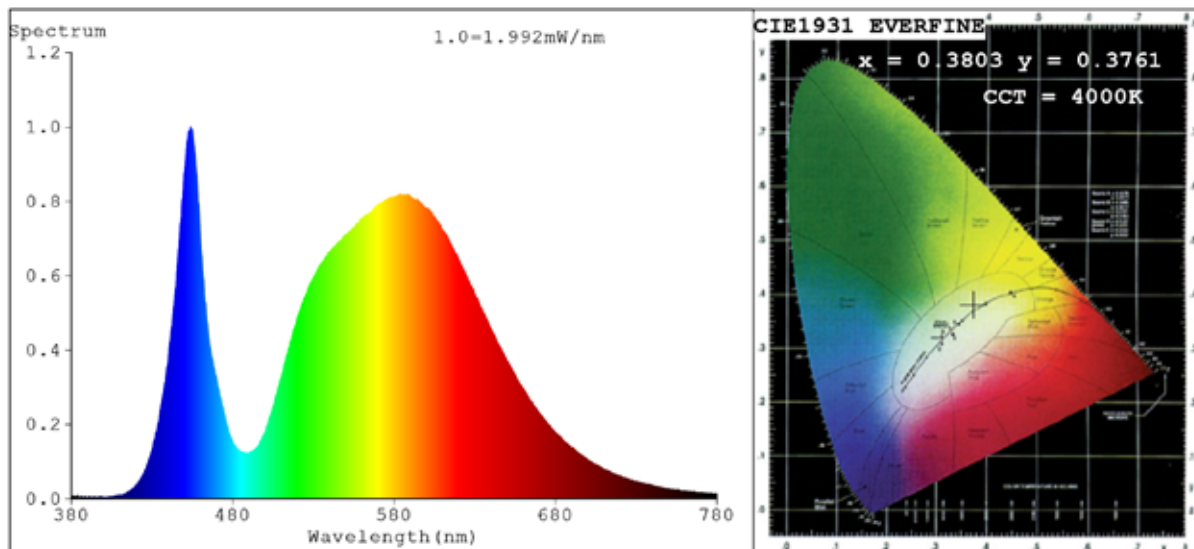


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3803$ $y=0.3761$ / $u'=0.2253$ $v'=0.5013$
 CCT=4000K (Duv=-0.0003) Dominant WL: $\lambda_d = 579.2\text{nm}$ Purity=27.0%
 Ratio: R=17.2% G=80.1% B=2.7%; Peak WL: $\lambda_p = 453.9\text{nm}$ FWHM=20.4nm
 Render Index: Ra=74.2 CRI=65.6 TM30: Rf=73 Rg=93
 R1 =72 R2 =81 R3 =87 R4 =72 R5 =70 R6 =72 R7 =83
 R8 =57 R9 =0 R10=53 R11=65 R12=40 R13=74 R14=92 R15=68

Photo Parameters:

Flux = 92.48 lm Eff. : 92.48 lm/W Fe = 271.9 mW Scotopic: 143.1 S/P: 1.5474

Electrical parameters:

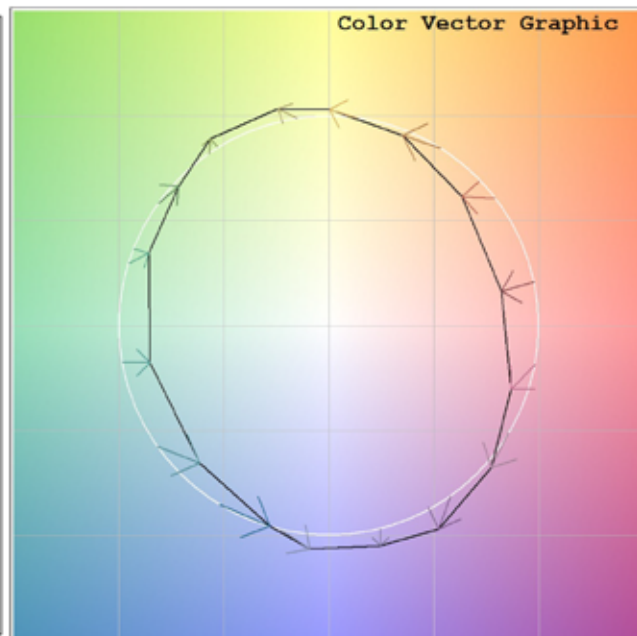
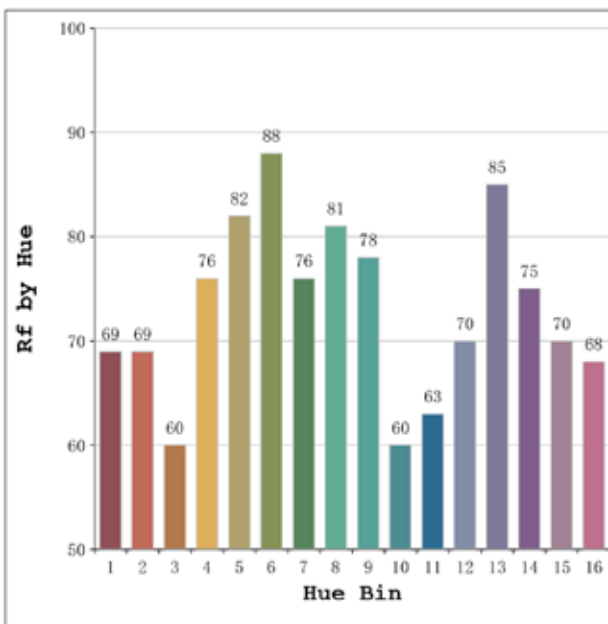
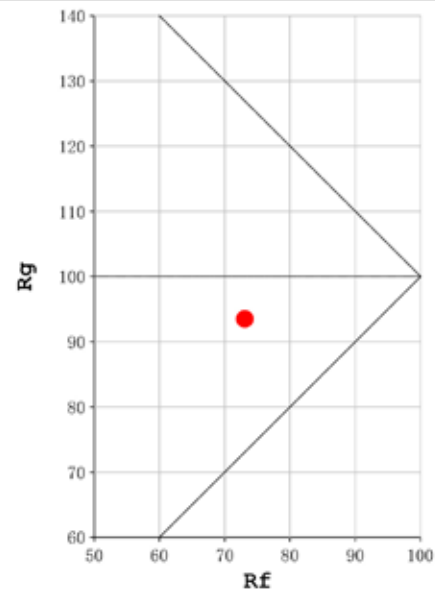
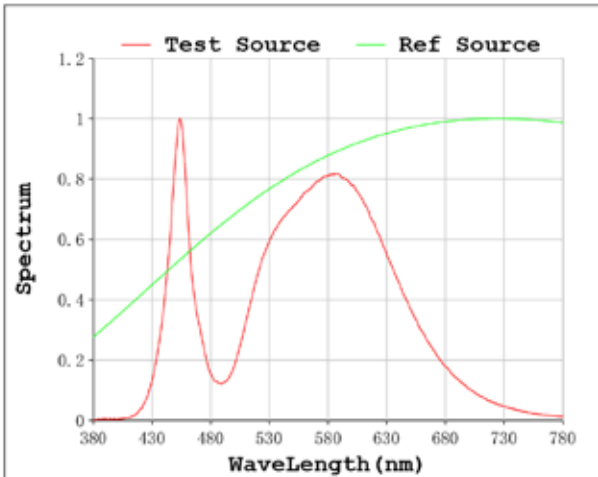
V = 11.998 V I = 1.613 A P = 1 W PF = 1.000

Status: Integral T = 5000 ms Ip = 17582 (27%)

Model: Ecoled Mérida 4000K
 Tester: Sergio Carneros
 Temperature: 20Deg
 Manufacturer: Luz Negra

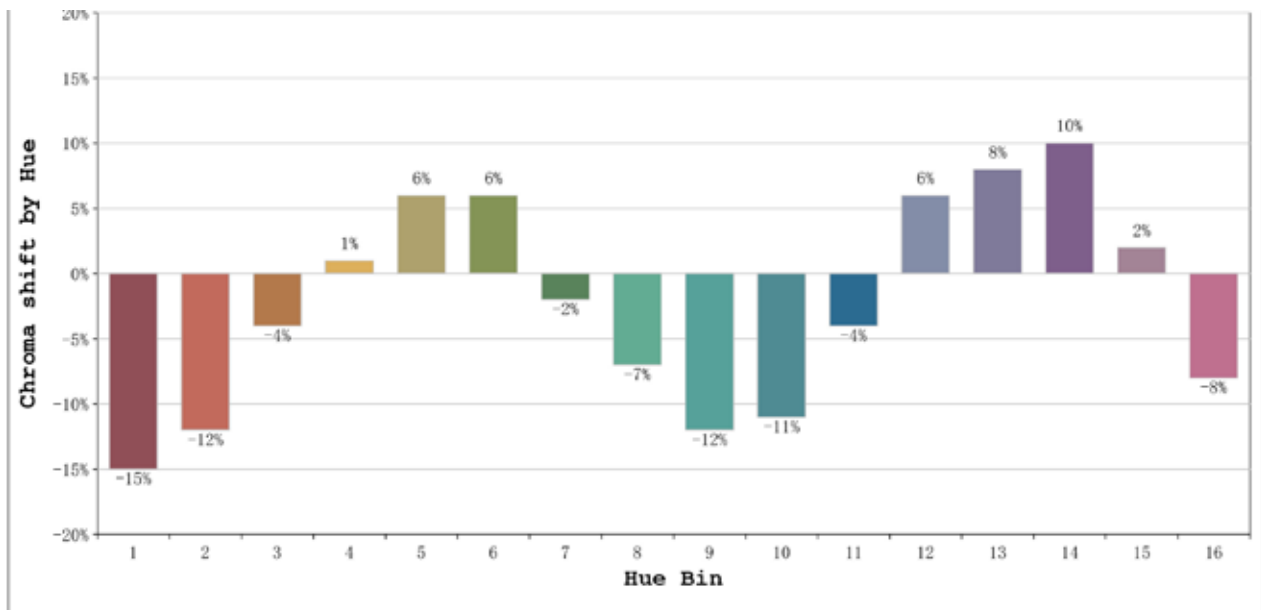
Number: 43.025
 Date: 2023-03-04 11:08:20
 Humidity: 50%
 Remarks: 1 módulo led

Rf: 73 **CCT: 4000 K** **u': 0.2253**
Rg: 93 **Duv: -0.0003** **v': 0.5013**



Model:Ecoled Mérida 4000K
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number: 43.025
 Date:2023-03-04 11:08:20
 Humidity:50%
 Remarks:1 módulo led



| | | | Graphic shift(%) | |
|---------|-----------------|----|------------------|-----|
| Hue Bin | Hue Angle | Rf | Chroma | Hue |
| 1 | 0.0° - 22.5° | 69 | -15 | 0 |
| 2 | 22.5° - 45.0° | 69 | -12 | 9 |
| 3 | 45.0° - 67.5° | 60 | -4 | 18 |
| 4 | 67.5° - 90.0° | 76 | 1 | 14 |
| 5 | 90.0° - 112.5° | 82 | 6 | 8 |
| 6 | 112.5° - 135.0° | 88 | 6 | -4 |
| 7 | 135.0° - 157.5° | 76 | -2 | -11 |
| 8 | 157.5° - 180.0° | 81 | -7 | -6 |
| 9 | 180.0° - 202.5° | 78 | -12 | 3 |
| 10 | 202.5° - 225.0° | 60 | -11 | 18 |
| 11 | 225.0° - 247.5° | 63 | -4 | 26 |
| 12 | 247.5° - 270.0° | 70 | 6 | 15 |
| 13 | 270.0° - 292.5° | 85 | 8 | -1 |
| 14 | 292.5° - 315.0° | 75 | 10 | -12 |
| 15 | 315.0° - 337.5° | 70 | 2 | -17 |
| 16 | 337.5° - 360.0° | 68 | -8 | -13 |

Model:Ecoled Mérida 4000K
Tester:Sergio Carneros
Temperature:20Deg
Manufacturer:Luz Negra

Number: 43.025
Date:2023-03-04 11:08:20
Humidity:50%
Remarks:1 módulo led