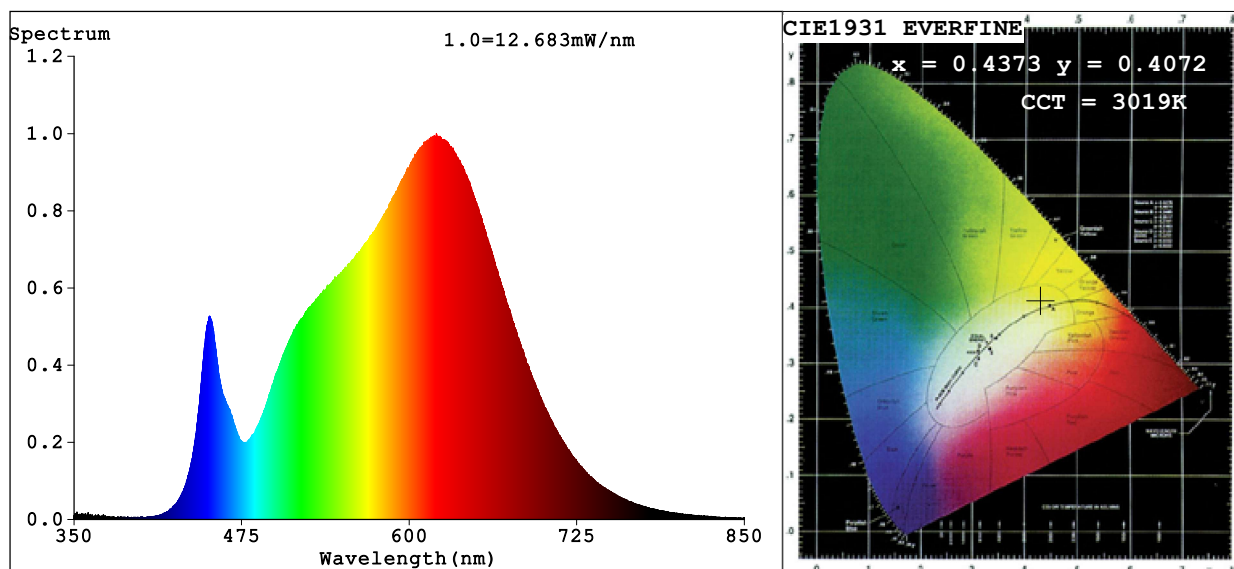


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4373$ $y=0.4072$ $u'=0.2495$ $v'=0.5227$

CCT=3019K (Duv=0.0012) Dominant WL:Ld =582.3nm Purity=53.5%

Ratio:R=24.1% G=73.2% B=2.7%; Peak WL:Lp=620.4nm FWHM=163.6nm

Render Index:Ra=92.7 CRI=89.5 TM30:Rf=91 Rg=99

R1 =93 R2 =95 R3 =97 R4 =94 R5 =92 R6 =94 R7 =93

R8 =83 R9 =59 R10=88 R11=95 R12=79 R13=94 R14=97 R15=89

Photo Parameters:

Flux = 631.2 lm Eff. : 57.53 lm/W Fe = 2.159 W

Electrical parameters:

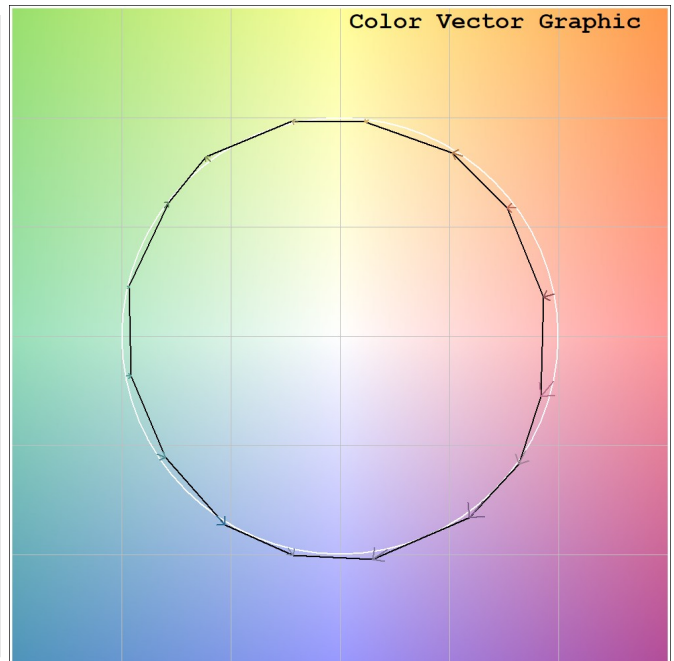
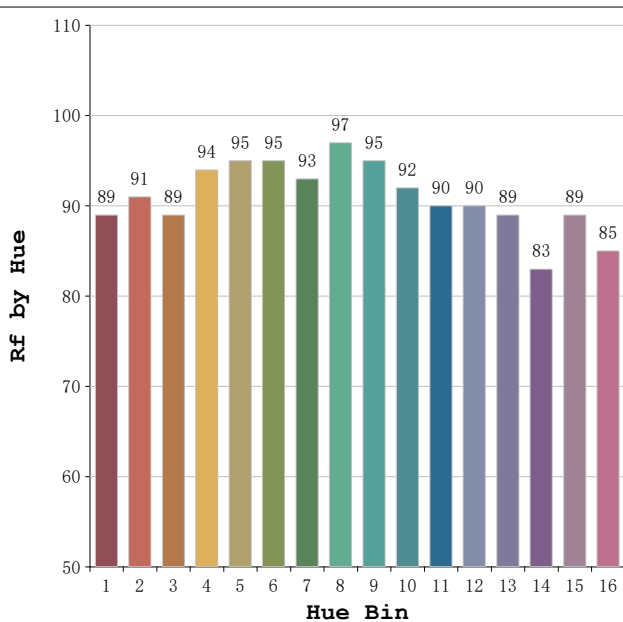
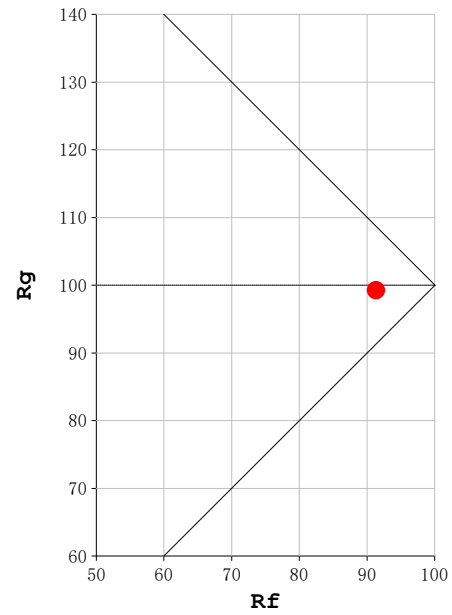
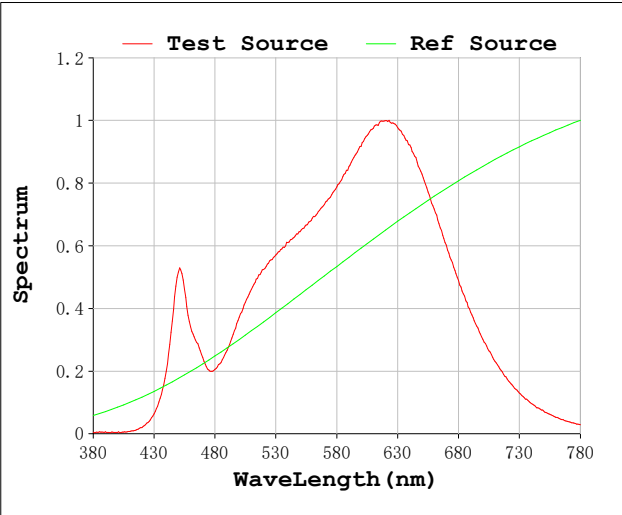
V = 220.09 V I = 0.05251 A P = 10.97 W PF = 0.9494

Status: Integral T = 1810 ms Ip = 41833 (64%)

Model:Focalis Axis 11w
Tester:Sergio Carneros
Temperature:25Deg
Manufacturer:Luz Negra S.L

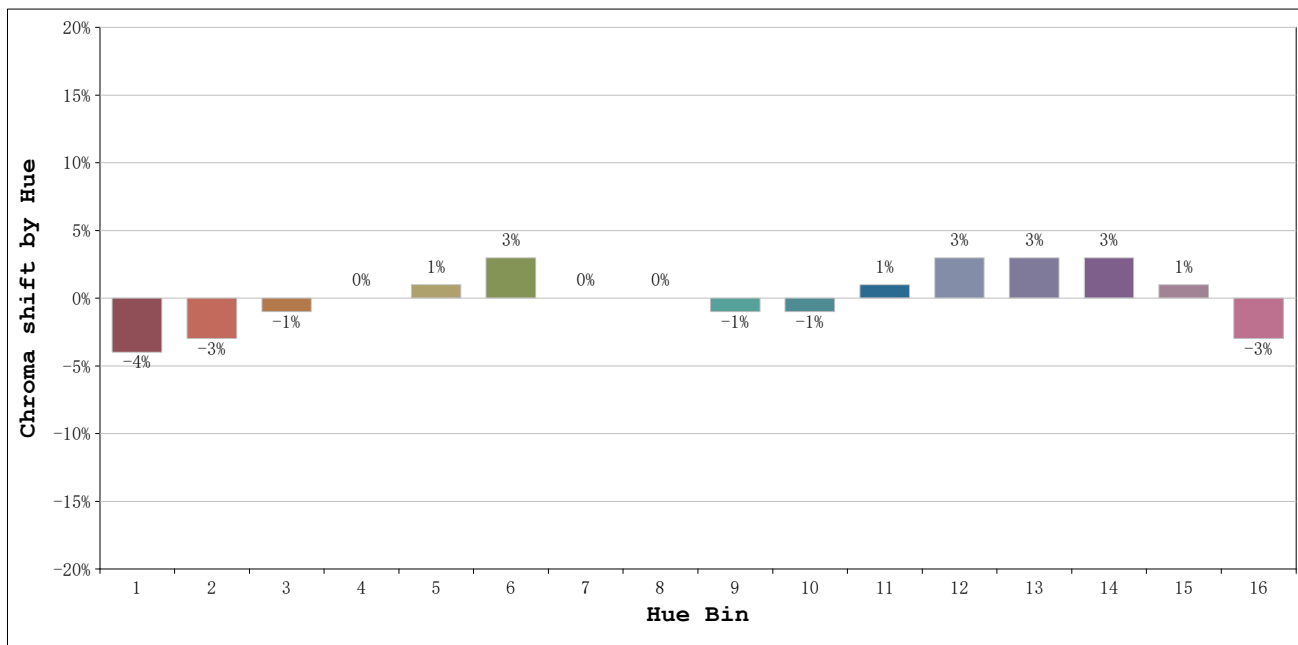
Number:3000k 18°
Date:2026-06-03 12:06:59
Humidity:57%
Remarks:1 ud ref. negro

Rf: 91 **CCT: 3019 K** **u': 0.2495**
Rg: 99 **Duv: 0.0012** **v': 0.5227**



Model:Focalis Axis 11w
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra S.L

Number:3000k 18°
 Date:2026-06-03 12:06:59
 Humidity:57%
 Remarks:1 ud ref. negro



			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° - 22.5°	89	-4	0
2	22.5° - 45.0°	91	-3	2
3	45.0° - 67.5°	89	-1	5
4	67.5° - 90.0°	94	0	2
5	90.0° - 112.5°	95	1	2
6	112.5° - 135.0°	95	3	1
7	135.0° - 157.5°	93	0	-2
8	157.5° - 180.0°	97	0	0
9	180.0° - 202.5°	95	-1	0
10	202.5° - 225.0°	92	-1	3
11	225.0° - 247.5°	90	1	6
12	247.5° - 270.0°	90	3	3
13	270.0° - 292.5°	89	3	-7
14	292.5° - 315.0°	83	3	-9
15	315.0° - 337.5°	89	1	-6
16	337.5° - 360.0°	85	-3	-7

Model:Focalis Axis 11w
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra S.L

Number:3000k 18°
 Date:2026-06-03 12:06:59
 Humidity:57%
 Remarks:1 ud ref. negro