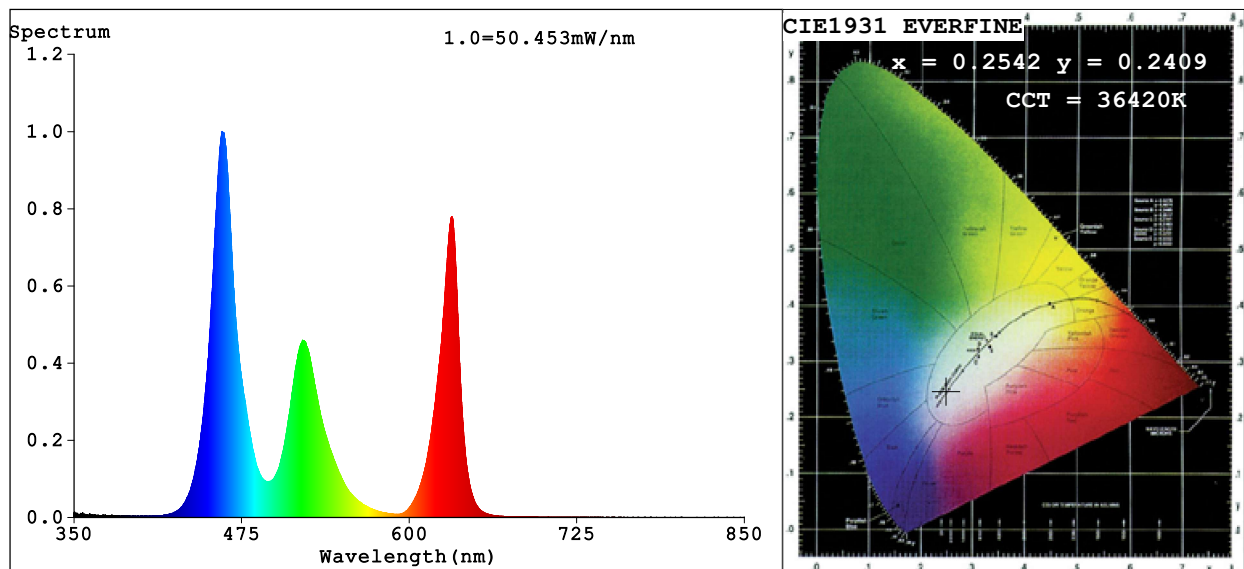


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2542$ $y=0.2409$ $u'=0.1889$ $v'=0.4028$
 CCT=36420K (Duv=-0.0073) Dominant WL:Ld =473.6nm Purity=36.1%
 Ratio:R=24.2% G=64.7% B=11.1%; Peak WL:Lp=460.5nm FWHM=19.3nm
 Render Index:Ra=41.6 CRI=36.9 TM30:Rf=44 Rg=122
 R1 =15 R2 =58 R3 =72 R4 =33 R5 =41 R6 =59 R7 =56
 R8 =0 R9 =0 R10=10 R11=16 R12=58 R13=22 R14=77 R15=0

Photo Parameters:

Flux = 604.8 lm Eff. : 58.32 lm/W Fe = 2.768 W

Electrical parameters:

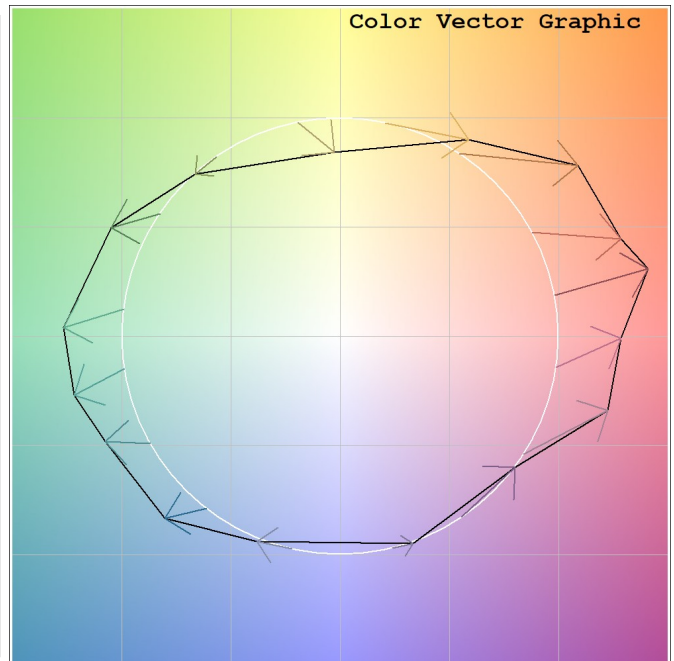
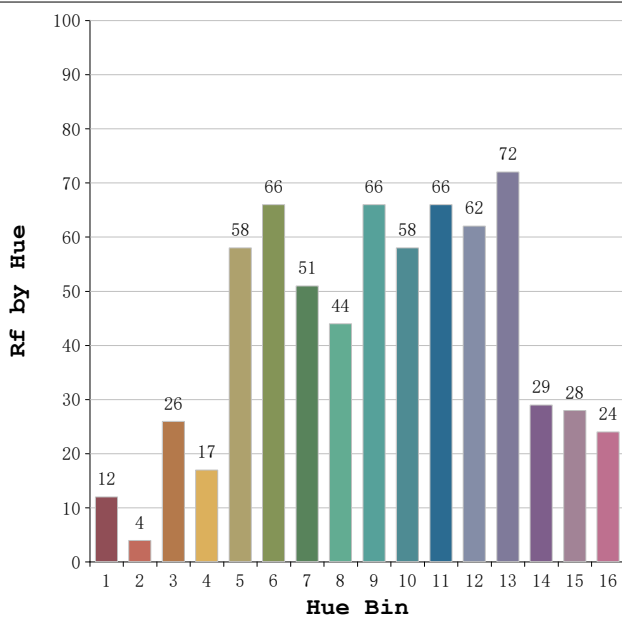
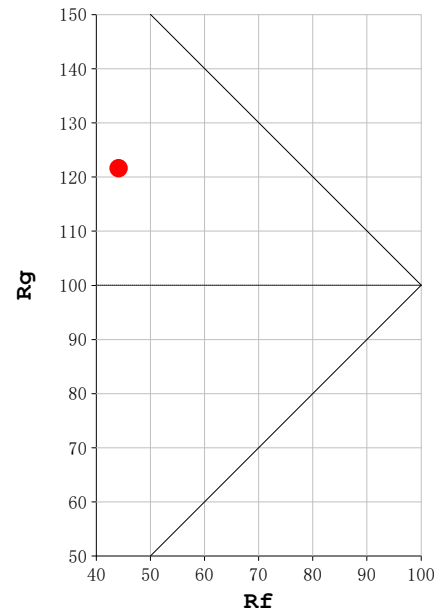
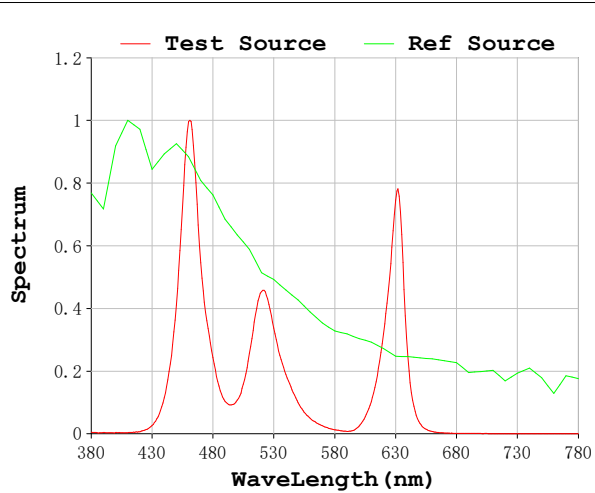
V = 11.998 V I = 0.8643 A P = 10.37 W PF = 1.000

Status: Integral T = 793 ms Ip = 49748 (76%)

Model:Ecoled Boxled RGB
 Tester:Alejandro Hervas
 Temperature:20Deg
 Manufacturer:Luz negra

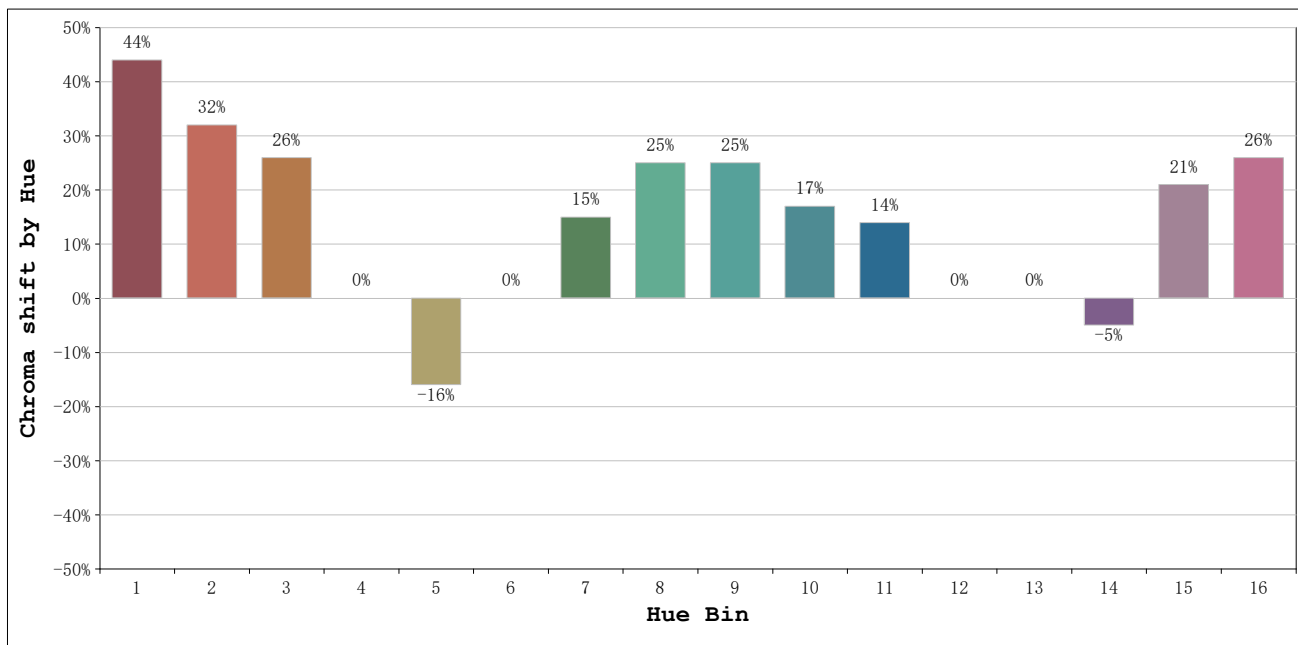
Number:37.004
 Date:2026-09-16 09:02:11
 Humidity:50%
 Remarks:Modulo boxled de 450mm

Rf: 44 **CCT: 36420 K** **u': 0.1889**
Rg: 122 **Duv: -0.0073** **v': 0.4028**



Model:Ecoled Boxled RGB
 Tester:Alejandro Hervas
 Temperature:20Deg
 Manufacturer:Luz negra

Number:37.004
 Date:2026-09-16 09:02:11
 Humidity:50%
 Remarks:Modulo boxled de 450mm



			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° - 22.5°	12	44	4
2	22.5° - 45.0°	4	32	-24
3	45.0° - 67.5°	26	26	-47
4	67.5° - 90.0°	17	0	-38
5	90.0° - 112.5°	58	-16	-13
6	112.5° - 135.0°	66	0	12
7	135.0° - 157.5°	51	15	18
8	157.5° - 180.0°	44	25	14
9	180.0° - 202.5°	66	25	7
10	202.5° - 225.0°	58	17	-11
11	225.0° - 247.5°	66	14	-12
12	247.5° - 270.0°	62	0	-15
13	270.0° - 292.5°	72	0	10
14	292.5° - 315.0°	29	-5	33
15	315.0° - 337.5°	28	21	38
16	337.5° - 360.0°	24	26	19

Model:Ecoled Boxled RGB
 Tester:Alejandro Hervas
 Temperature:20Deg
 Manufacturer:Luz negra

Number:37.004
 Date:2026-09-16 09:02:11
 Humidity:50%
 Remarks:Modulo boxled de 450mm