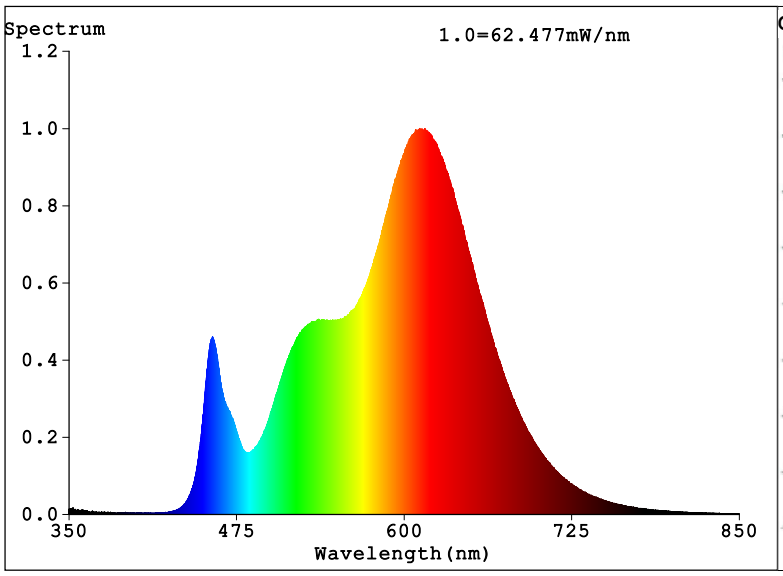
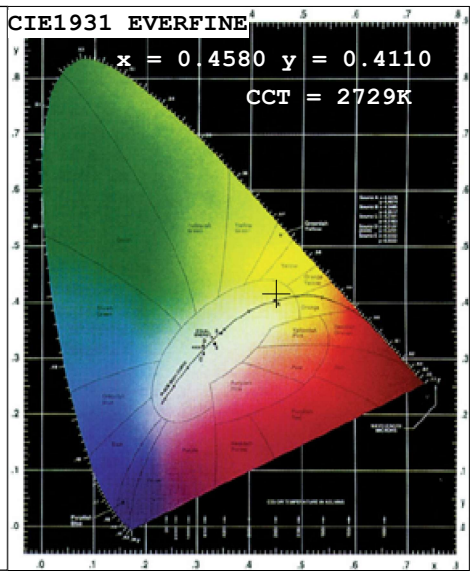
Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.4580 y=0.4110/u'=0.2611 v'=0.5272

CCT=2729K(Duv=0.0003) Dominant WL:Ld =584.0nm Purity=60.8%

Ratio:R=26.6% G=71.0% B=2.4%¡¡Peak WL:Lp=611.5nm FWHM=125.1nm

Render Index:Ra=91.2 CRI=88.2 TM30:Rf=88 Rg=97

R1 =93	R2 =98	R3 =97	R4 =93	R5 =93	R6 =96	R7 =87	
R8 =72	R9 =38	R10=94	R11=97	R12=80	R13=96	R14=100	R15=85

Photo Parameters:

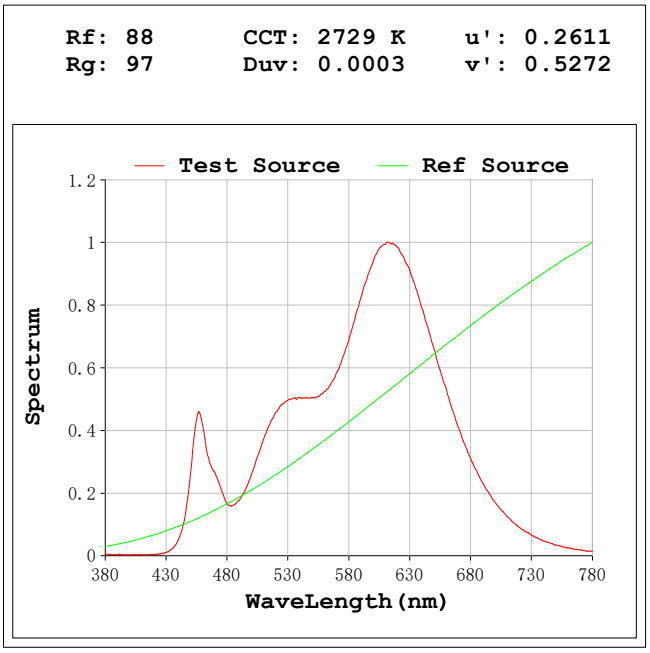
Flux = 2722 lm Eff. : 135.02 lm/W Fe = 8.723 W Scotopic:3559.9 S/P:1.3078

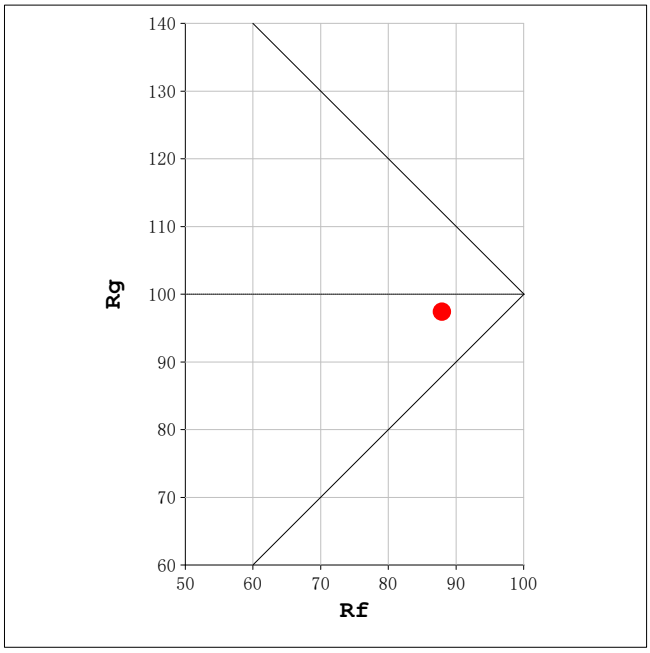
Electrical parameters:

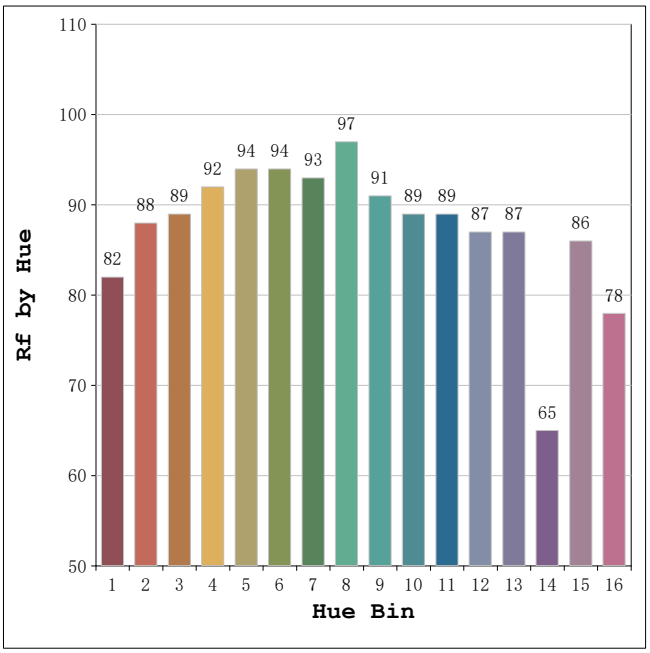
V = 23.998 V I = 0.8401 A P = 20.16 W PF = 1.000

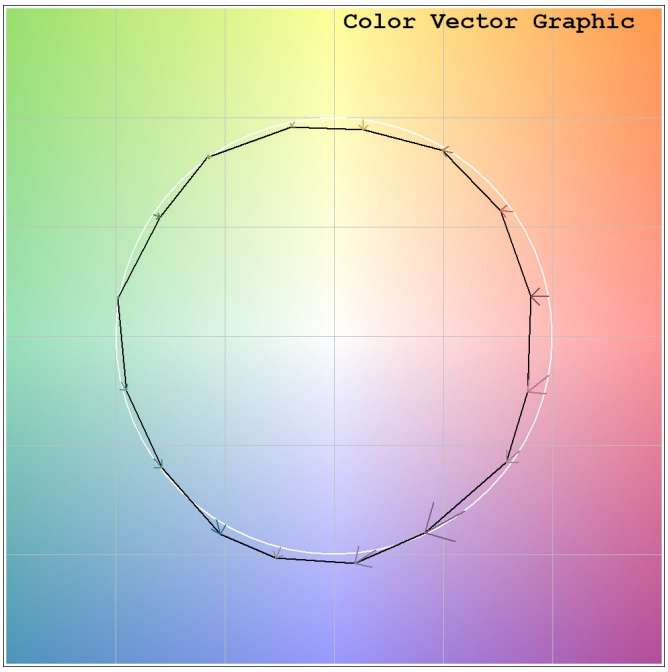
Status: Integral T = 423 ms Ip = 49565 (76%)

Model:Ecoled Zeta 2700k	Number: 31.280
Tester:Sergio Carneros	Date:2026-09-22 11:07:52
Temperature:20Deg	Humidity:50%
Manufacturer:Luz negra	Remarks:100cm de tira flexible







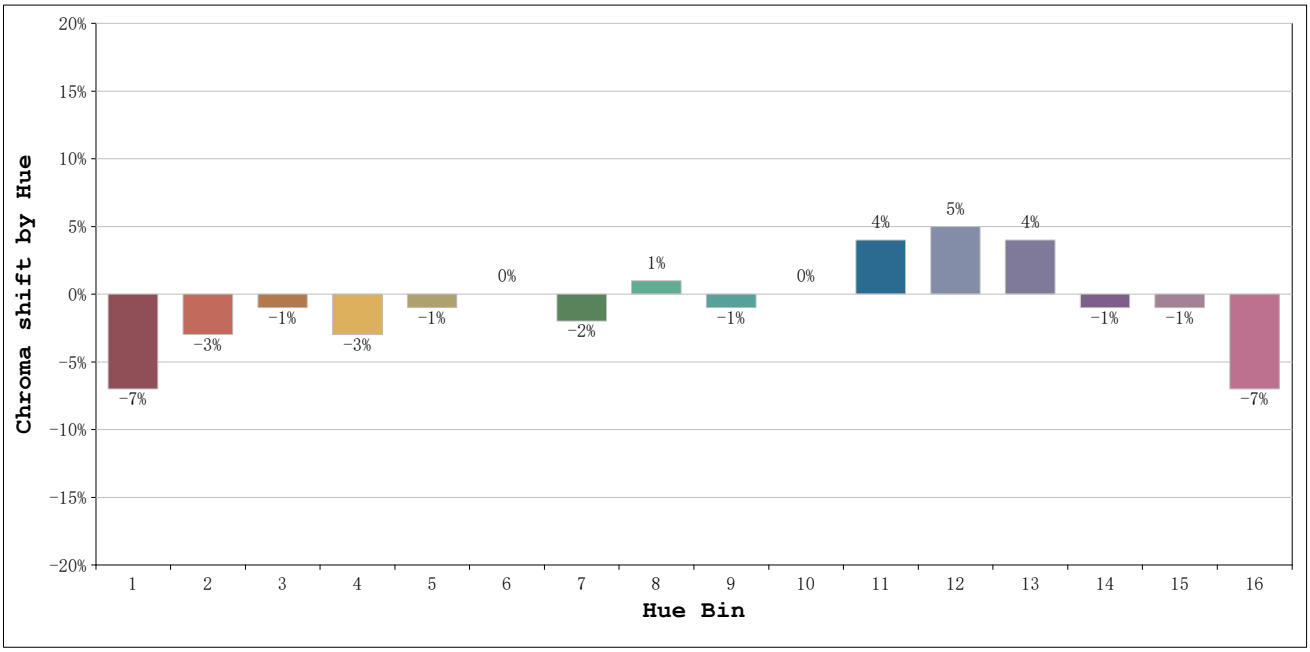


Model:Ecoled Zeta 2700k
Tester:Sergio Carneros
Temperature:20Deg
Manufacturer:Luz negra

Number: 31.280
Date:2026-09-22 11:07:52
Humidity:50%
Remarks:100cm de tira flexible

LUZ NEGRA
linear lighting solutions

EVERFINE HAAS-1200 Test Report 3 Of 3



			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° - 22.5°	82	-7	2
2	22.5° - 45.0°	88	-3	4
3	45.0° - 67.5°	89	-1	5
4	67.5° - 90.0°	92	-3	0
5	90.0° - 112.5°	94	-1	2
6	112.5° - 135.0°	94	0	2
7	135.0° - 157.5°	93	-2	0
8	157.5° - 180.0°	97	1	1
9	180.0° - 202.5°	91	-1	4
10	202.5° - 225.0°	89	0	6
11	225.0° - 247.5°	89	4	5
12	247.5° - 270.0°	87	5	0
13	270.0° - 292.5°	87	4	-10
14	292.5° - 315.0°	65	-1	-20
15	315.0° - 337.5°	86	-1	-6
16	337.5° - 360.0°	78	-7	-8

Model:Ecoled Zeta 2700k
Tester:Sergio Carneros
Temperature:20Deg
Manufacturer:Luz negra

Number: 31.280
Date:2026-09-22 11:07:52
Humidity:50%
Remarks:100cm de tira flexible