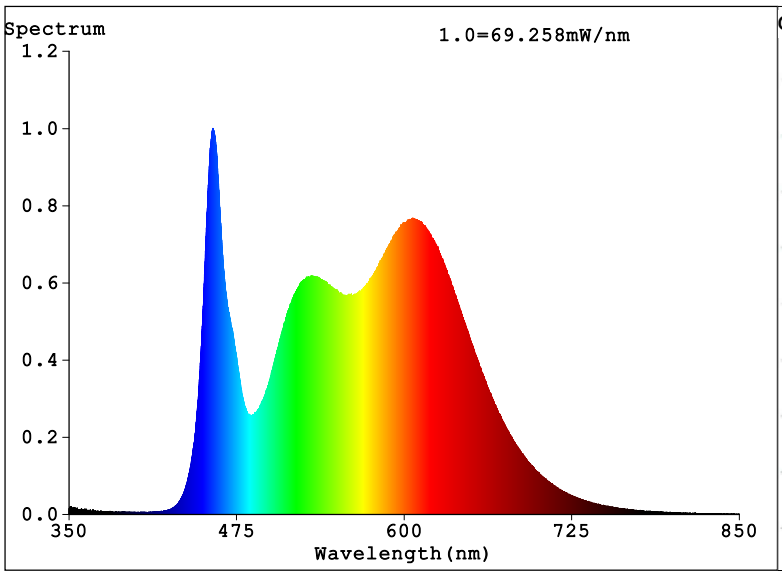
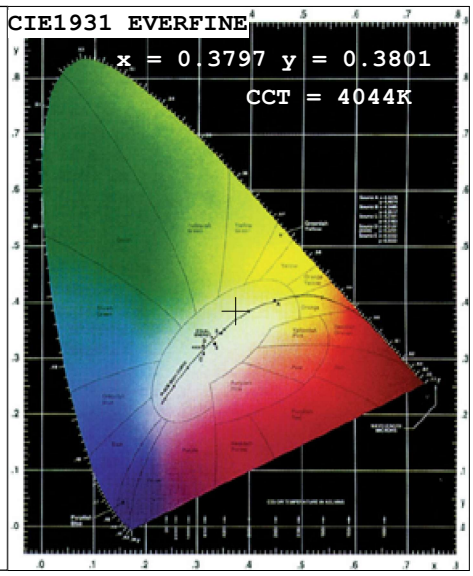
Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3797 y=0.3801/u'=0.2233 v'=0.5029

CCT=4044K(Duv=0.0018) Dominant WL:Ld =577.9nm Purity=28.0%

Ratio:R=19.8% G=76.0% B=4.2%¡¡Peak WL:Lp=457.4nm FWHM=20.9nm

Render Index:Ra=91.8 CRI=87.6 TM30:Rf=87 Rg=96

R1 =94	R2 =98	R3 =98	R4 =91	R5 =91	R6 =95	R7 =89	
R8 =78	R9 =47	R10=92	R11=94	R12=64	R13=96	R14=99	R15=88

Photo Parameters:

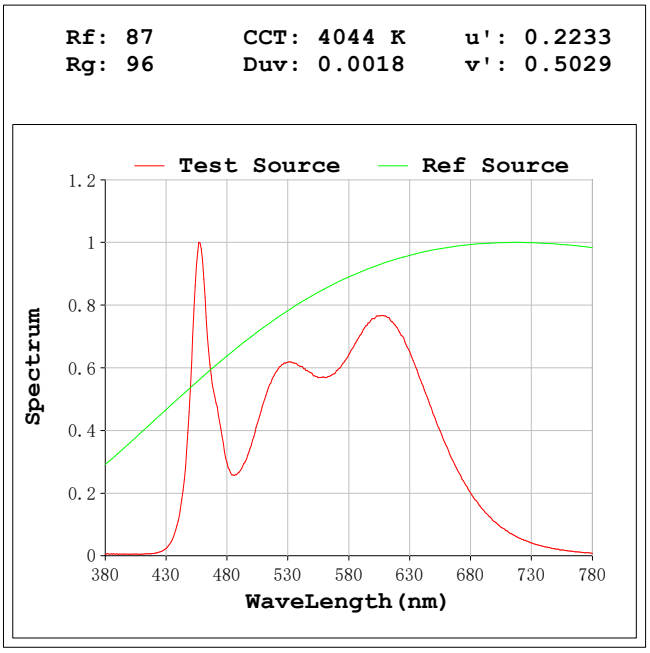
Flux = 3015 lm Eff. : 149.58 lm/W Fe = 9.483 W Scotopic:5483.3 S/P:1.8187

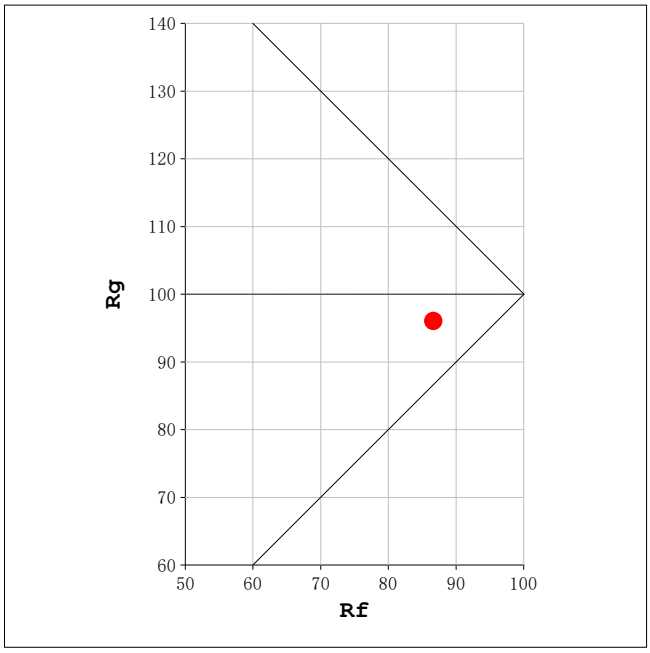
Electrical parameters:

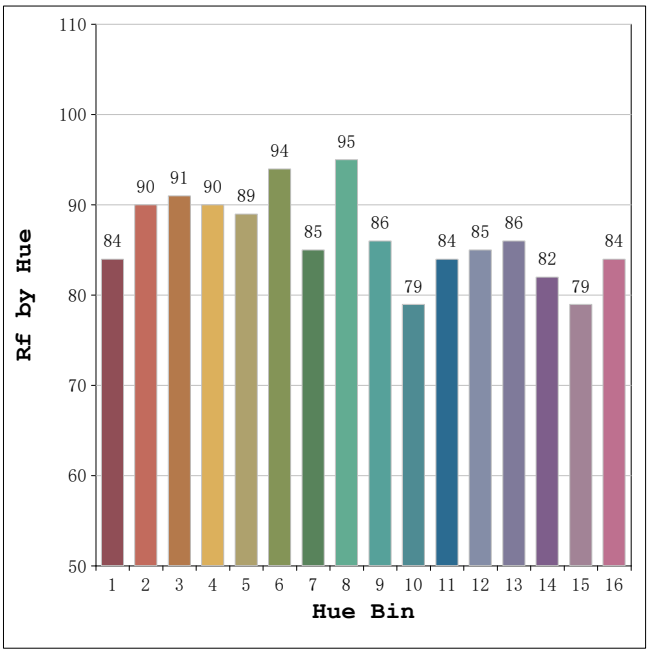
V = 23.998 V I = 0.8399 A P = 20.16 W PF = 1.000

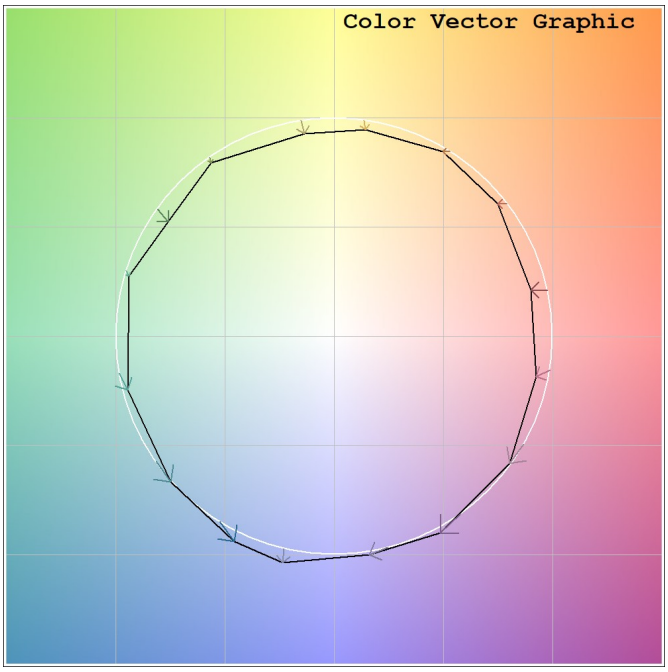
Status: Integral T = 423 ms Ip = 43121 (66%)

Model:Ecoled Zeta 4000k	Number: 31.282
Tester:Sergio Carneros	Date:2026-09-22 11:20:04
Temperature:20Deg	Humidity:50%
Manufacturer:Luz negra	Remarks:100cm de tira flexible







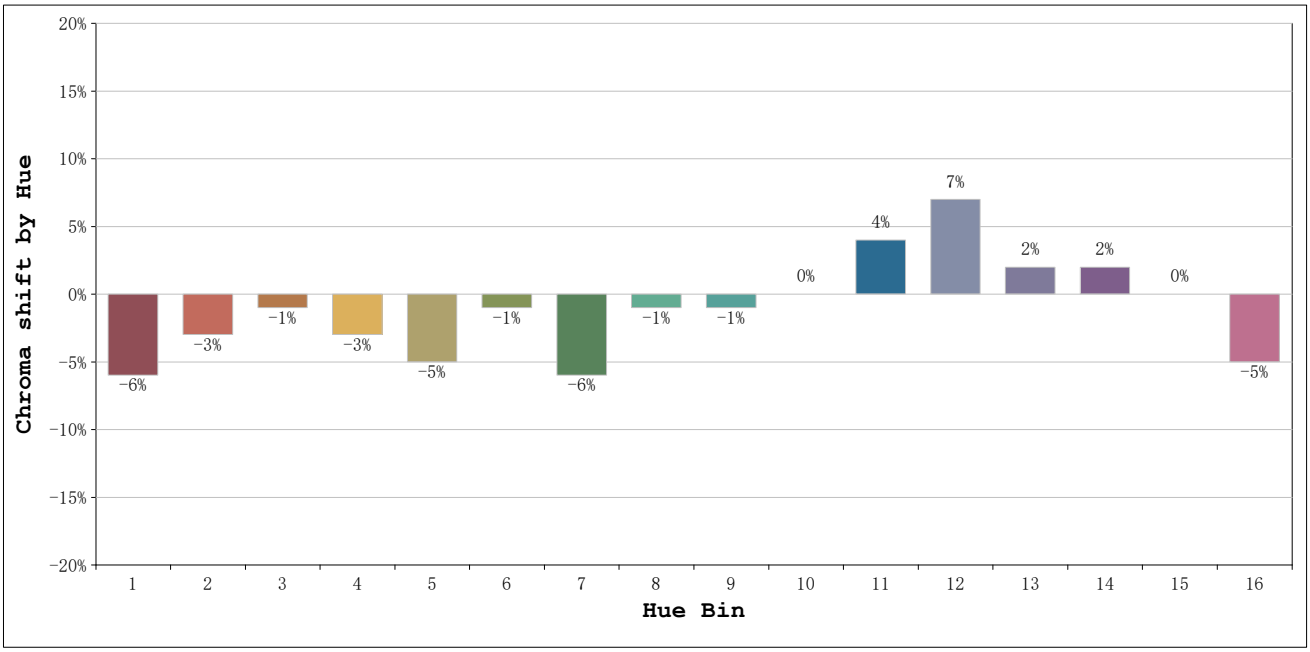


Model:Ecoled Zeta 4000k
Tester:Sergio Carneros
Temperature:20Deg
Manufacturer:Luz negra

Number: 31.282
Date:2026-09-22 11:20:04
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°	84	-6	2
2	22.5° - 45.0°	90	-3	2
3	45.0° - 67.5°	91	-1	3
4	67.5° - 90.0°	90	-3	-1
5	90.0° - 112.5°	89	-5	0
6	112.5° - 135.0°	94	-1	1
7	135.0° - 157.5°	85	-6	2
8	157.5° - 180.0°	95	-1	2
9	180.0° - 202.5°	86	-1	8
10	202.5° - 225.0°	79	0	11
11	225.0° - 247.5°	84	4	11
12	247.5° - 270.0°	85	7	1
13	270.0° - 292.5°	86	2	-8
14	292.5° - 315.0°	82	2	-11
15	315.0° - 337.5°	79	0	-10
16	337.5° - 360.0°	84	-5	-3

Model:Ecoled Zeta 4000k
Tester:Sergio Carneros
Temperature:20Deg
Manufacturer:Luz negra

Number: 31.282
Date:2026-09-22 11:20:04
Humidity:50%
Remarks:100cm de tira flexible