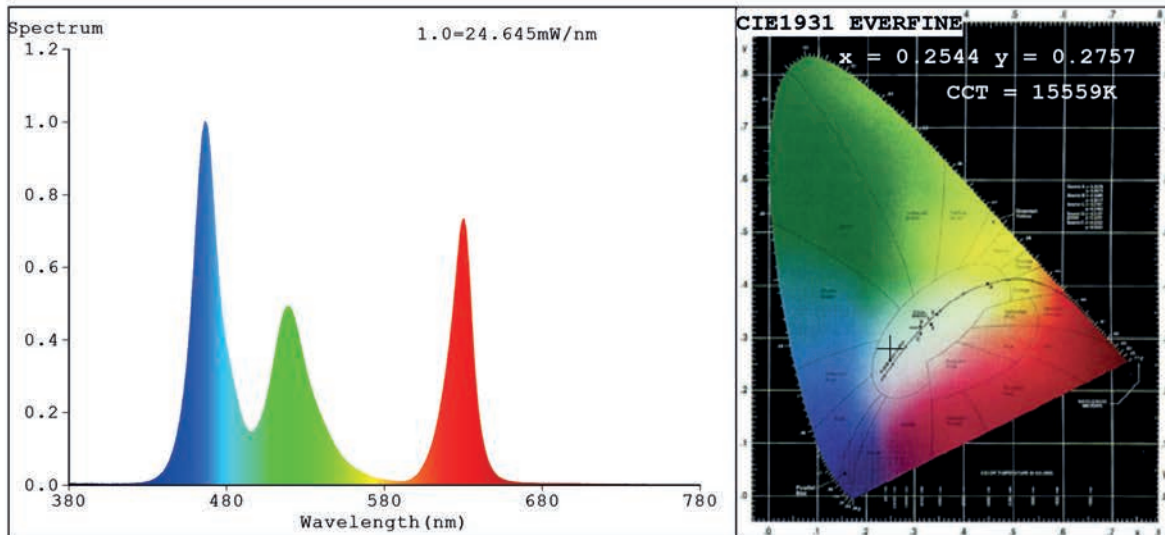


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2544$ $y=0.2757$ $u'=0.1754$ $v'=0.4279$
 CCT=15559K (Duv=0.0106) Dominant WL:Ld =481.6nm Purity=31.7%
 Ratio:R=22.6% G=64.7% B=12.7%; Peak WL:Lp=466.3nm FWHM=18.6nm
 Render Index:Ra=44.6 CRI=40.7 TM30:Rf=40 Rg=109
 R1 =28 R2 =55 R3 =70 R4 =49 R5 =51 R6 =51 R7 =52
 R8 =0 R9 =0 R10=0 R11=44 R12=58 R13=31 R14=79 R15=10

Photo Parameters:

Flux = 314.4 lm Eff. : 25.05 lm/W Fe = 1.352 W Scotopic:1236.9 S/P:3.9344

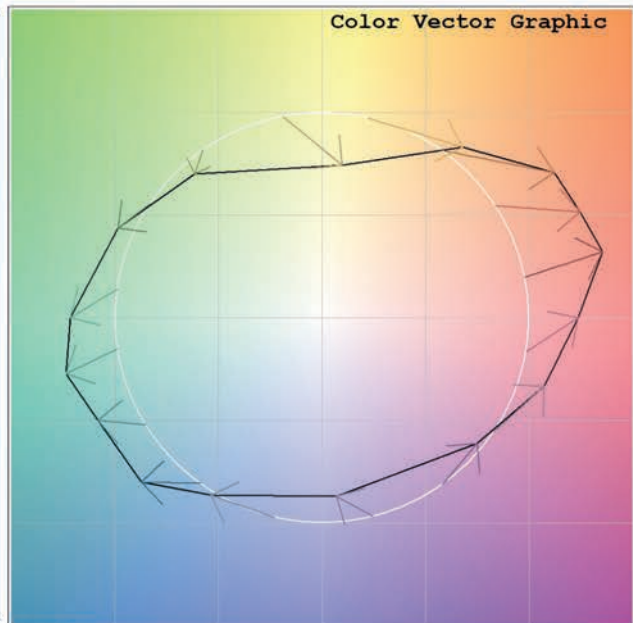
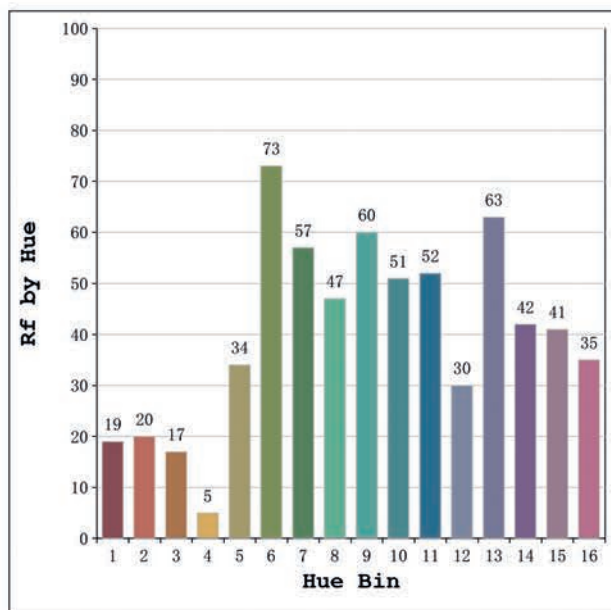
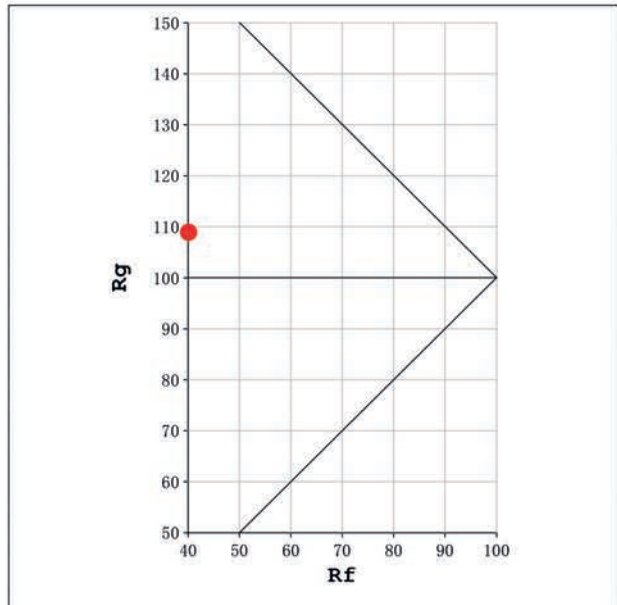
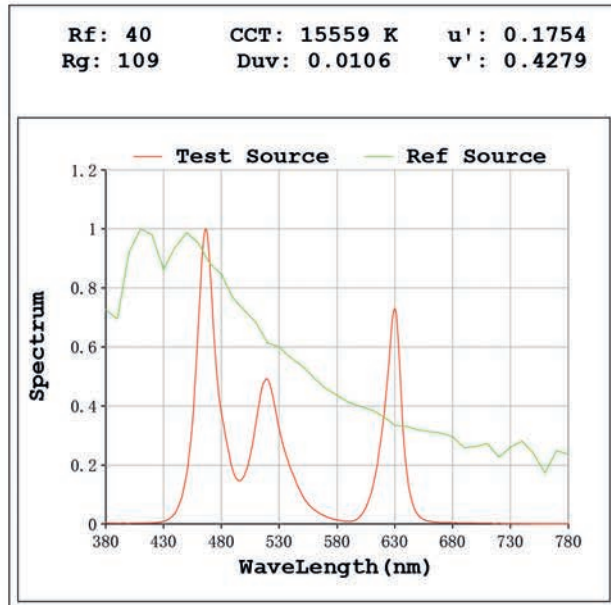
Electrical parameters:

V = 23.998 V I = 0.5230 A P = 12.55 W PF = 1.000

Status: Integral T = 1000 ms Ip = 38032 (58%)

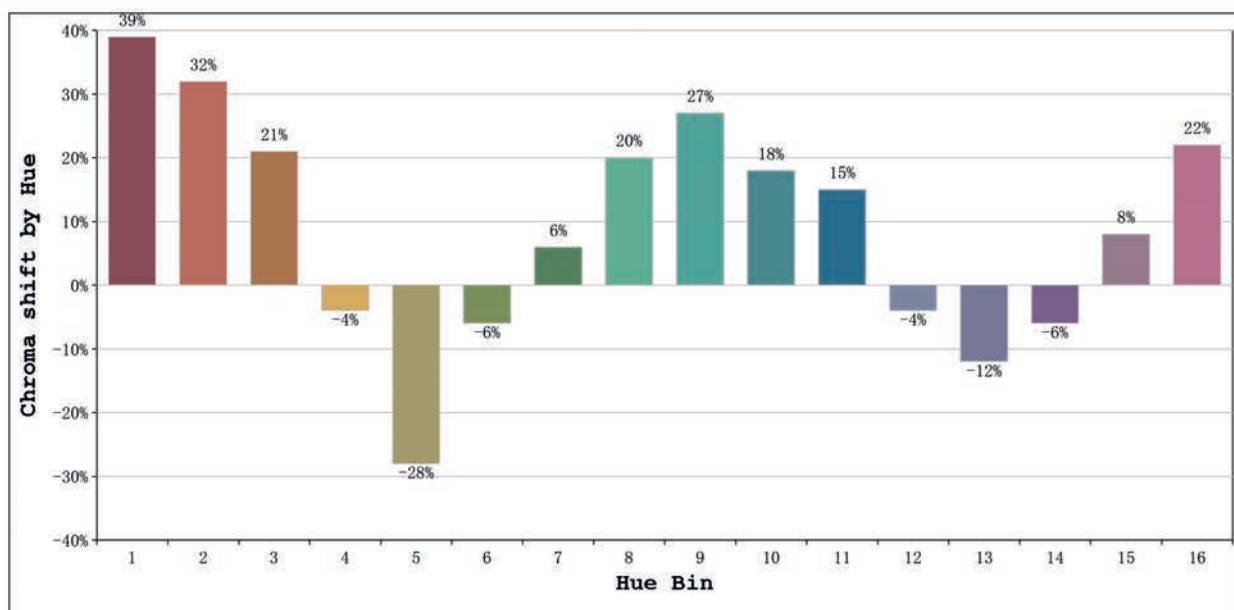
Model:Ecoled Neón Cairo RGB
 Tester:Sergio Carneros
 Temperature:27Deg
 Manufacturer:Luz Negra S.L

Number: 10.243
 Date:2023-11-17 12:46:04
 Humidity:40%
 Remarks:100cm de néon (R+G+B)



Model:Ecoled Neón Cairo RGB
 Tester:Sergio Carneros
 Temperature:27Deg
 Manufacturer:Luz Negra S.L

Number: 10.243
 Date:2023-11-17 12:46:04
 Humidity:40%
 Remarks:100cm de néon (R+G+B)

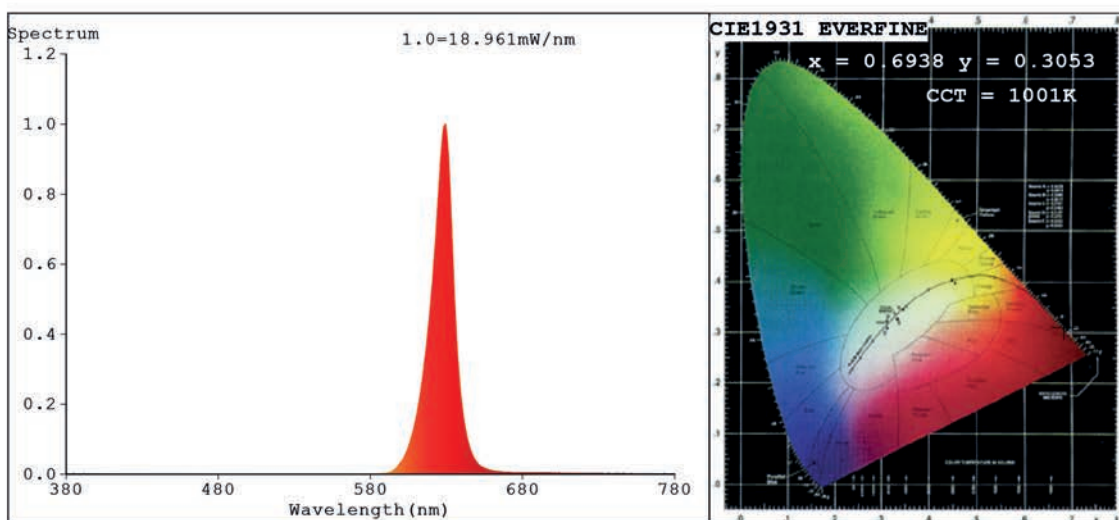


Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	19	39	5
2	22.5° - 45.0°	20	32	-24
3	45.0° - 67.5°	17	21	-50
4	67.5° - 90.0°	5	-4	-46
5	90.0° - 112.5°	34	-28	-23
6	112.5° - 135.0°	73	-6	10
7	135.0° - 157.5°	57	6	19
8	157.5° - 180.0°	47	20	18
9	180.0° - 202.5°	60	27	7
10	202.5° - 225.0°	51	18	-14
11	225.0° - 247.5°	52	15	-23
12	247.5° - 270.0°	30	-4	-31
13	270.0° - 292.5°	63	-12	-14
14	292.5° - 315.0°	42	-6	25
15	315.0° - 337.5°	41	8	32
16	337.5° - 360.0°	35	22	21

Model:Ecoled Neón Cairo RGB
Tester:Sergio Carneros
Temperature:27Deg
Manufacturer:Luz Negra S.L

Number: 10.243
Date:2023-11-17 12:46:04
Humidity:40%
Remarks:100cm de néon (R+G+B)

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6938$ $y=0.3053$ $u'=0.5260$ $v'=0.5208$
 CCT=1001K (Duv=-0.0785) Dominant WL: $\lambda_d = 621.6\text{nm}$ Purity=99.7%
 Ratio: R=98.1% G=1.9% B=0.0%; Peak WL: $\lambda_p = 629.3\text{nm}$ FWHM=15.5nm
 Render Index: Ra=24.9 CRI=31.1 TM30: Rf=3 Rg=-1
 R1 =4 R2 =79 R3 =25 R4 =0 R5 =0 R6 =91 R7 =0
 R8 =0 R9 =0 R10=73 R11=0 R12=78 R13=29 R14=57 R15=0

Photo Parameters:

Flux = 76.13 lm Eff. : 18.16 lm/W Fe = 362.4 mW Scotopic: 4.1962 S/P: 0.055116

Electrical parameters:

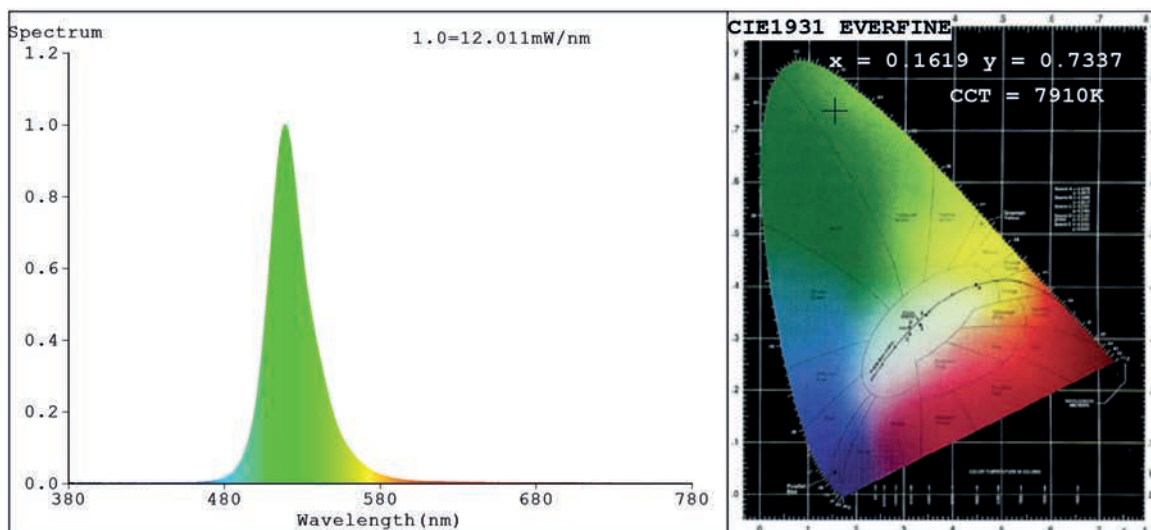
V = 23.998 V I = 0.1747 A P = 4.192 W PF = 1.000

Status: Integral T = 1000 ms Ip = 33368 (51%)

Model: Ecoled Neón Cairo RGB
 Tester: Sergio Carneros
 Temperature: 27Deg
 Manufacturer: Luz Negra S.L

Number: 10.243
 Date: 2023-11-17 12:50:53
 Humidity: 40%
 Remarks: 100cm de neón (R)

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1619$ $y=0.7337$ / $u'=0.0564$ $v'=0.5752$
 CCT=7910K (Duv=0.1607) Dominant WL: $\lambda_d = 526.2nm$ Purity=82.0%
 Ratio: R=0.4% G=98.1% B=1.5%; Peak WL: $\lambda_p = 518.7nm$ FWHM=27.7nm
 Render Index: Ra=0.0 CRI=2.5 TM30: Rf=0 Rg=7
 R1 =0 R2 =0 R3 =0 R4 =0 R5 =0 R6 =0 R7 =0
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=35 R15=0

Photo Parameters:

Flux = 198.3 lm Eff. : 49.84 lm/W Fe = 409.9 mW Scotopic: 570.15 S/P: 2.8749

Electrical parameters:

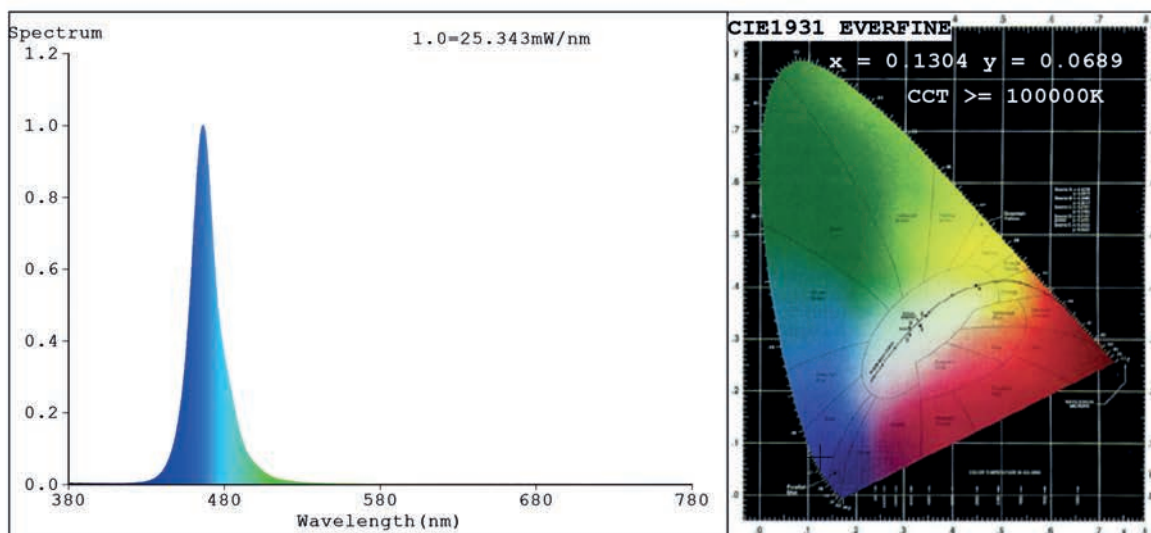
V = 23.998 V I = 0.1658 A P = 3.979 W PF = 1.000

Status: Integral T = 2020 ms Ip = 52399 (80%)

Model: Ecoled Neón Cairo RGB
 Tester: Sergio Carneros
 Temperature: 27Deg
 Manufacturer: Luz Negra S.L

Number: 10.243
 Date: 2023-11-17 12:51:57
 Humidity: 40%
 Remarks: 100cm de neón (G)

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1304$ $y=0.0689$ $u'=0.1463$ $v'=0.1738$

CCT=100000K (Duv=0.1539) Dominant WL: $\lambda_d = 470.4\text{nm}$ Purity=96.6%

Ratio: R=0.5% G=16.3% B=83.2%; Peak WL: $\lambda_p = 466.3\text{nm}$ FWHM=18.0nm

Render Index: $R_a=0.6$ CRI=0.3 TM30: $R_f=0$ $R_g=-67$

R1 =0 R2 =0 R3 =0 R4 =0 R5 =5 R6 =0 R7 =0

R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=0

Photo Parameters:

Flux = 44.25 lm Eff. : 10.25 lm/W $\Phi_e = 597.3\text{ mW}$ Scotopic: 667.16 S/P: 15.078

Electrical parameters:

V = 23.998 V I = 0.1798 A P = 4.315 W PF = 1.000

Status: Integral T = 1000 ms $I_p = 39092$ (60%)

Model: Ecoled Neón Cairo RGB
 Tester: Sergio Carneros
 Temperature: 27Deg
 Manufacturer: Luz Negra S.L

Number: 10.243
 Date: 2023-11-17 12:53:09
 Humidity: 40%
 Remarks: 100cm de neón (B)