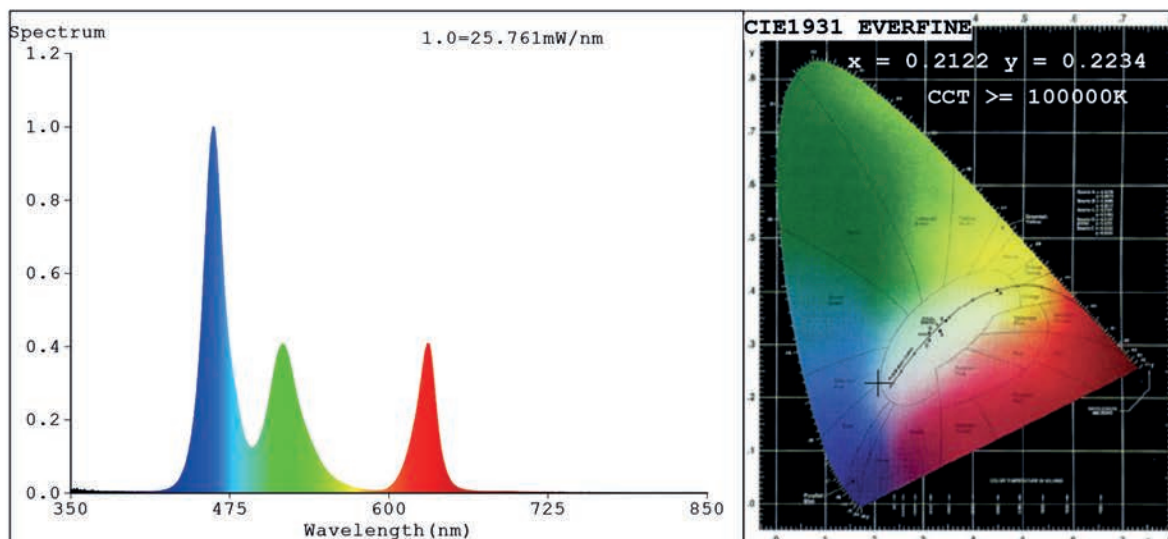


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2122$ $y=0.2234$ $u'=0.1615$ $v'=0.3825$
 CCT=100000K(Duv=0.0221) Dominant WL:Ld =478.6nm Purity=51.2%
 Ratio:R=17.7% G=67.3% B=15.1%;;Peak WL:Lp=461.8nm FWHM=18.6nm
 Render Index:Ra=61.1 CRI=53.6 TM30:Rf=48 Rg=110
 R1 =56 R2 =62 R3 =65 R4 =81 R5 =74 R6 =59 R7 =62
 R8 =30 R9 =0 R10=4 R11=67 R12=65 R13=49 R14=78 R15=35

Photo Parameters:

Flux = 243.9 lm Eff. : 15.34 lm/W Fe = 1.196 W

Electrical parameters:

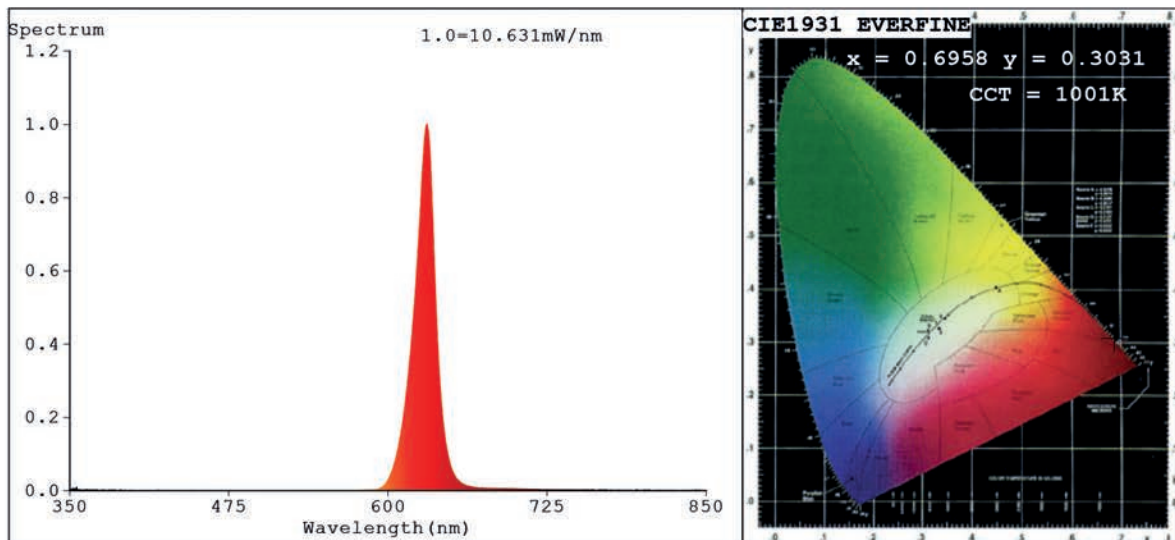
V = 23.998 V I = 0.6623 A P = 15.89 W PF = 1.000

Status: Integral T = 1349 ms Ip = 50649 (77%)

Model:Neón Sign RGB
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number: 10.298 (R+G+B)
 Date:2025-06-03 11:30:11
 Humidity:50%
 Remarks:100cm de neon

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6958$ $y=0.3031$ / $u'=0.5305$ $v'=0.5200$
 CCT=1001K (Duv=-0.0830) Dominant WL: $\lambda_d = 622.8\text{nm}$ Purity=99.7%
 Ratio: R=98.4% G=1.6% B=0.0%; Peak WL: $\lambda_p = 630.6\text{nm}$ FWHM=17.2nm
 Render Index: Ra=25.0 CRI=31.3 TM30: Rf=7 Rg=-1
 R1 =4 R2 =79 R3 =26 R4 =0 R5 =0 R6 =91 R7 =0
 R8 =0 R9 =0 R10=73 R11=0 R12=79 R13=29 R14=57 R15=0

Photo Parameters:

Flux = 43.75 lm Eff. : 9.51 lm/W Fe = 222.2 mW

Electrical parameters:

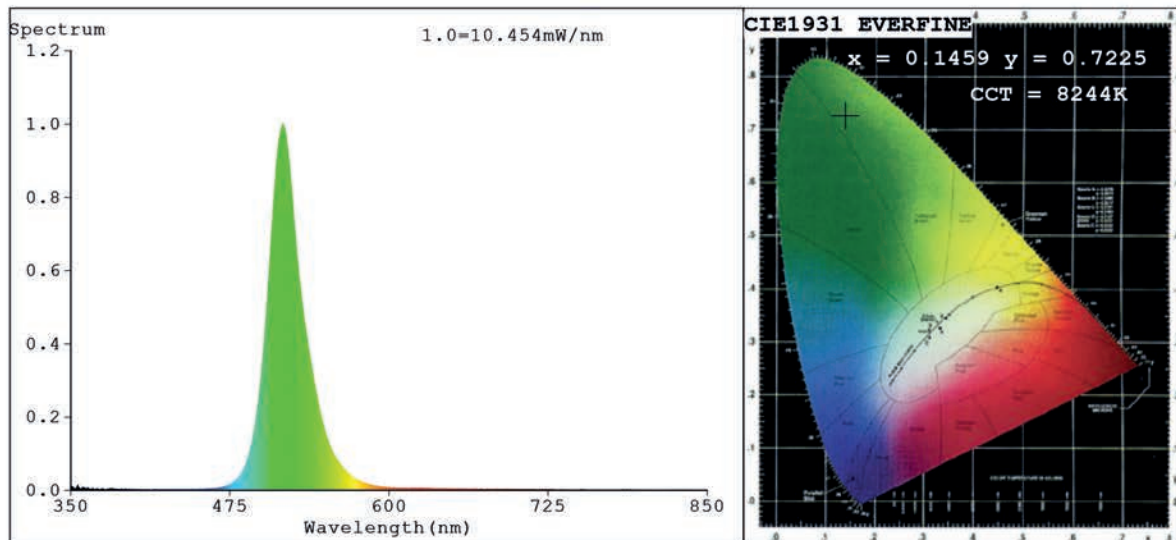
V = 23.998 V I = 0.1916 A P = 4.598 W PF = 1.000

Status: Integral T = 2689 ms Ip = 49574 (76%)

Model: Neón Sign RGB
 Tester: Sergio Carneros
 Temperature: 20Deg
 Manufacturer: Luz Negra

Number: 10.298 (R)
 Date: 2025-06-03 11:31:08
 Humidity: 50%
 Remarks: 100cm de neon

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1459$ $y=0.7225$ $u'=0.0513$ $v'=0.5715$
 CCT=8244K (Duv=0.1639) Dominant WL:Ld =522.4nm Purity=77.9%
 Ratio:R=0.4% G=97.1% B=2.6%;;Peak WL:Lp=517.0nm FWHM=28.1nm
 Render Index:Ra=0.0 CRI=2.6 TM30:Rf=0 Rg=8
 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=37 R15=0

Photo Parameters:

Flux = 164.8 lm Eff. : 31.39 lm/W Fe = 363.1 mW

Electrical parameters:

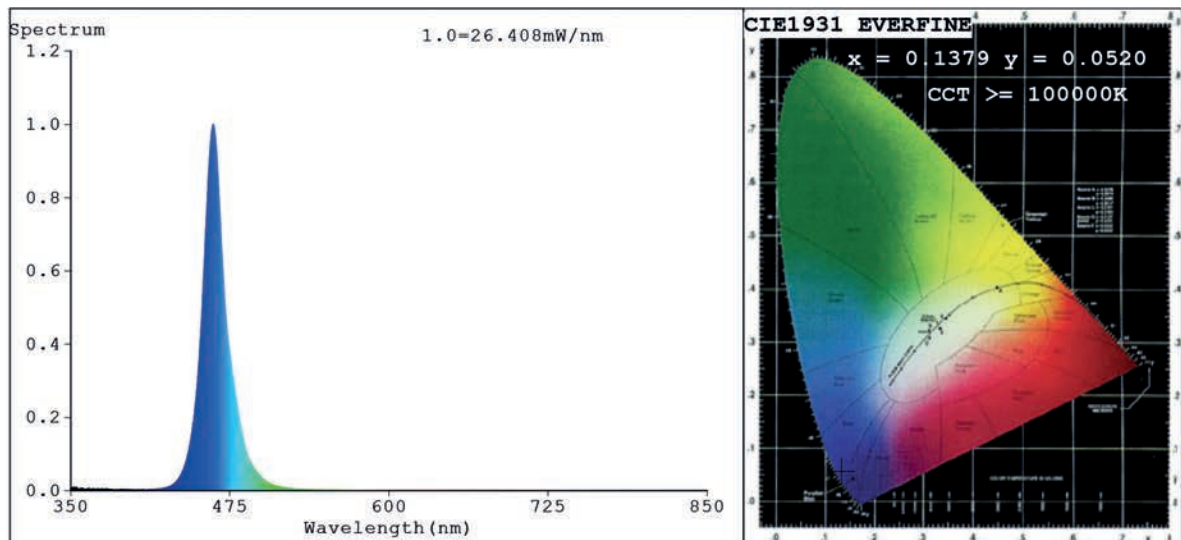
V = 23.998 V I = 0.2188 A P = 5.251 W PF = 1.000

Status: Integral T = 2000 ms Ip = 43828 (67%)

Model:Neón Sign RGB
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number: 10.298 (G)
 Date:2025-06-03 11:31:47
 Humidity:50%
 Remarks:100cm de neon

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1379$ $y=0.0520$ / $u'=0.1647$ $v'=0.1398$
 CCT=100000K (Duv=0.1735) Dominant WL: $\lambda_d = 466.5\text{nm}$ Purity=97.3%
 Ratio: R=0.6% G=13.4% B=86.0%; Peak WL: $\lambda_p = 462.1\text{nm}$ FWHM=18.2nm
 Render Index: Ra=0.4 CRI=0.3 TM30: Rf=0 Rg=74
 R1 =0 R2 =0 R3 =0 R4 =0 R5 =4 R6 =0 R7 =0
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=1

Photo Parameters:

Flux = 38.31 lm Eff. : 6.17 lm/W Fe = 629.4 mW

Electrical parameters:

V = 23.998 V I = 0.2589 A P = 6.213 W PF = 1.000

Status: Integral T = 1000 ms Ip = 38505 (59%)

Model: Neón Sign RGB
 Tester: Sergio Carneros
 Temperature: 20Deg
 Manufacturer: Luz Negra

Number: 10.298 (B)
 Date: 2025-06-03 11:32:20
 Humidity: 50%
 Remarks: 100cm de neon