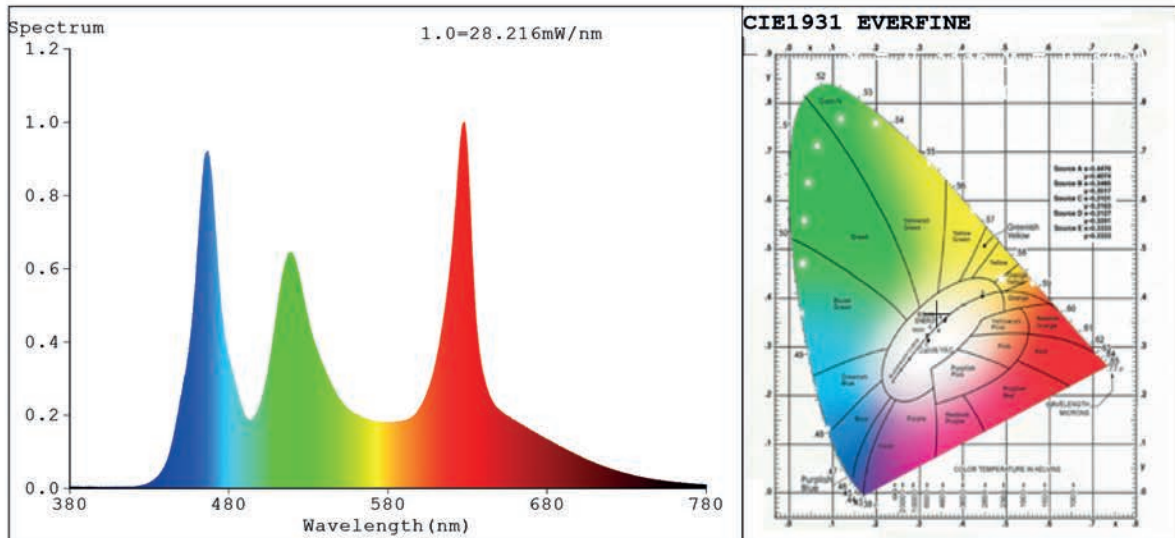


## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3336$   $y=0.3450$   $u'=0.2062$   $v'=0.4797$

CCT=5450K (Duv=0.0015) Dominant WL:Ld =555.5nm Purity=3.6%

Ratio:R=23.7% G=69.5% B=6.9% Peak WL:Lp=627.9nm FWHM=18.4nm

Render Index:Ra=64.6 AvgR=54.7

R1 =52 R2 =75 R3 =90 R4 =59 R5 =60 R6 =64 R7 =75

R8 =41 R9 =-47 R10=44 R11=48 R12=63 R13=56 R14=91 R15=48

### Photo Parameters:

Flux = 669.2 lm Eff. : 46.56 lm/W Fe = 2.516 W

### Electrical parameters:

V = 24.098 V I = 0.5964 A P = 14.37 W PF = 1.000

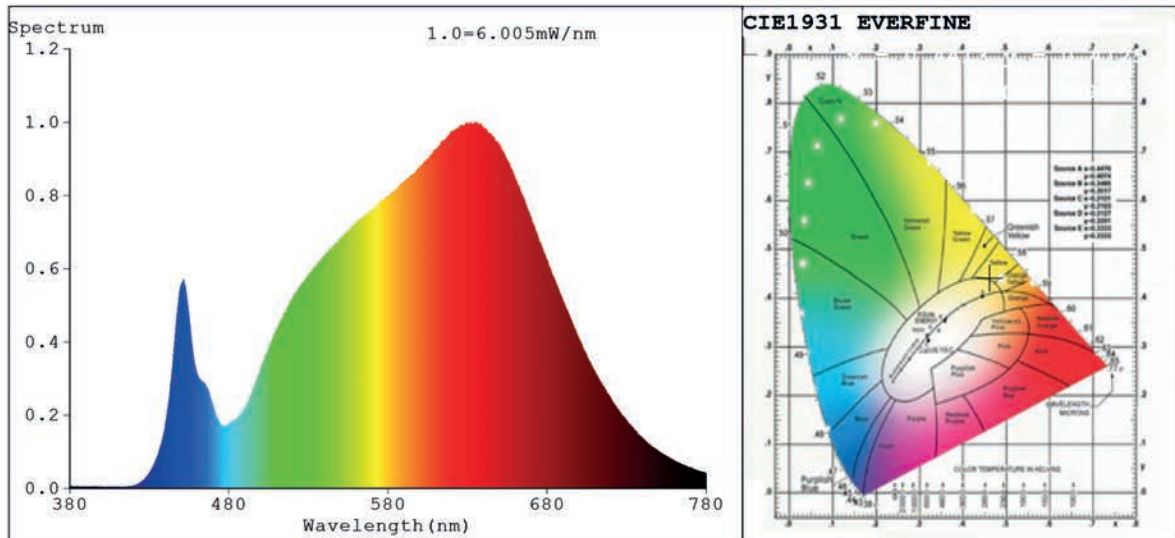
LEVEL:OUT WHITE:ANSI\_5700K

Status: Integral T = 141 ms Ip = 32542 (50%)

Model:Neón Pool Top RGB+W  
 Tester:Sergio Carneros  
 Temperature:25.3Deg  
 Manufacturer:LuzNegra S.L.

Number:10.306  
 Date:2024-07-06 08:44:59  
 Humidity:65.0%  
 Remarks:100cm de Neón

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.4413$   $y=0.4125$   $u'=0.2498$   $v'=0.5253$

CCT=2996K (Duv=0.0027) Dominant WL:Ld =581.9nm Purity=56.3%

Ratio:R=23.8% G=73.8% B=2.4% Peak WL:Lp=635.1nm FWHM=173.5nm

Render Index:Ra=91.5 AvgR=88.0

R1 =92 R2 =93 R3 =92 R4 =93 R5 =90 R6 =90 R7 =96

R8 =87 R9 =68 R10=82 R11=92 R12=70 R13=91 R14=95 R15=90

### Photo Parameters:

Flux = 302.8 lm Eff. : 61.35 lm/W Fe = 1.075 W

### Electrical parameters:

V = 24.098 V I = 0.2048 A P = 4.935 W PF = 1.000

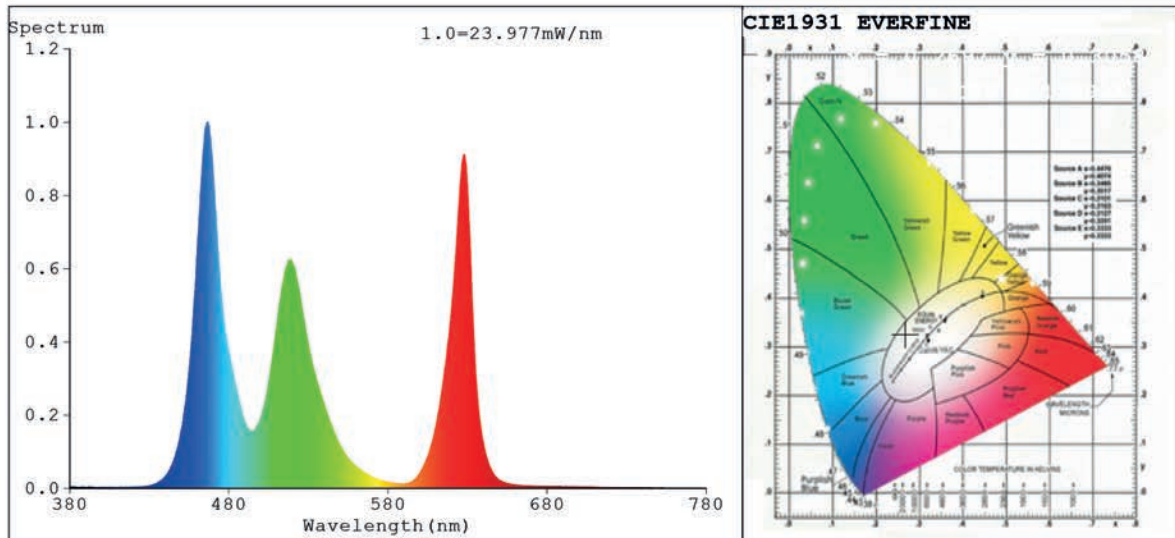
LEVEL:OUT WHITE:ANSI\_3000K

Status: Integral T = 1022 ms Ip = 50241 (77%)

Model:Neón Pool Top RGB+W  
 Tester:Sergio Carneros  
 Temperature:25.3Deg  
 Manufacturer:LuzNegra S.L.

Number:10.306  
 Date:2024-07-06 08:46:35  
 Humidity:65.0%  
 Remarks:100cm de Neón

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.2697$   $y=0.3058$  /  $u'=0.1760$   $v'=0.4489$

CCT=10192K (Duv=0.0155) Dominant WL:Ld =486.0nm Purity=23.7%

Ratio:R=23.3% G=66.2% B=10.5% Peak WL:Lp=466.8nm FWHM=17.8nm

Render Index:Ra=48.1 AvgR=31.5

R1 =32 R2 =62 R3 =74 R4 =50 R5 =53 R6 =53 R7 =55

R8 =6 R9 =-162 R10=10 R11=41 R12=62 R13=37 R14=81 R15=20

### Photo Parameters:

Flux = 368.4 lm Eff. : 38.92 lm/W Fe = 1.447 W

### Electrical parameters:

V = 24.098 V I = 0.3928 A P = 9.466 W PF = 1.000

LEVEL:OUT WHITE:OUT

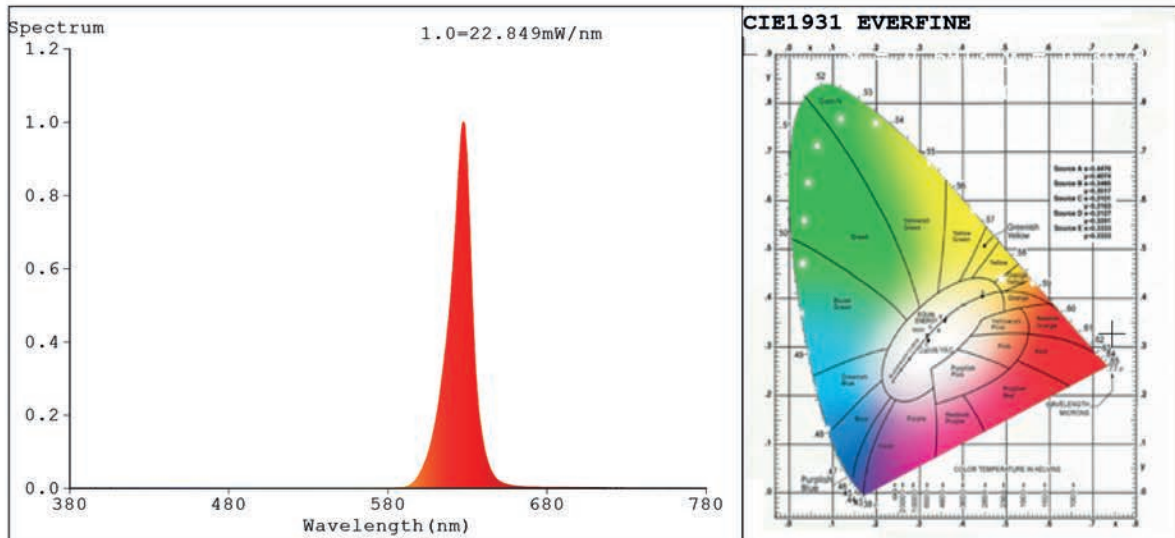
Status: Integral T = 255 ms Ip = 45582 (70%)

Model:Neón Pool Top RGB+W  
 Tester:Sergio Carneros  
 Temperature:25.3Deg  
 Manufacturer:LuzNegra S.L.

Number:10.306  
 Date:2024-07-06 09:40:51  
 Humidity:65.0%  
 Remarks:100cm de Neón



## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.6913$   $y=0.3078$  /  $u'=0.5206$   $v'=0.5216$

CCT=1001K (Duv=-0.0731) Dominant WL:Ld =620.3nm Purity=99.7%

Ratio:R=97.9% G=2.1% B=0.0% Peak WL:Lp=627.3nm FWHM=14.1nm

Render Index:Ra=8.4 AvgR=-1.0

R1 =3 R2 =78 R3 =24 R4 =-34 R5 =-4 R6 =91 R7 =-4

R8 =-87 R9 =-253 R10=72 R11=-18 R12=78 R13=28 R14=56 R15=-45

### Photo Parameters:

Flux = 90.99 lm Eff. : 29.29 lm/W Fe = 406.8 mW

### Electrical parameters:

V = 24.098 V I = 0.1289 A P = 3.106 W PF = 1.000

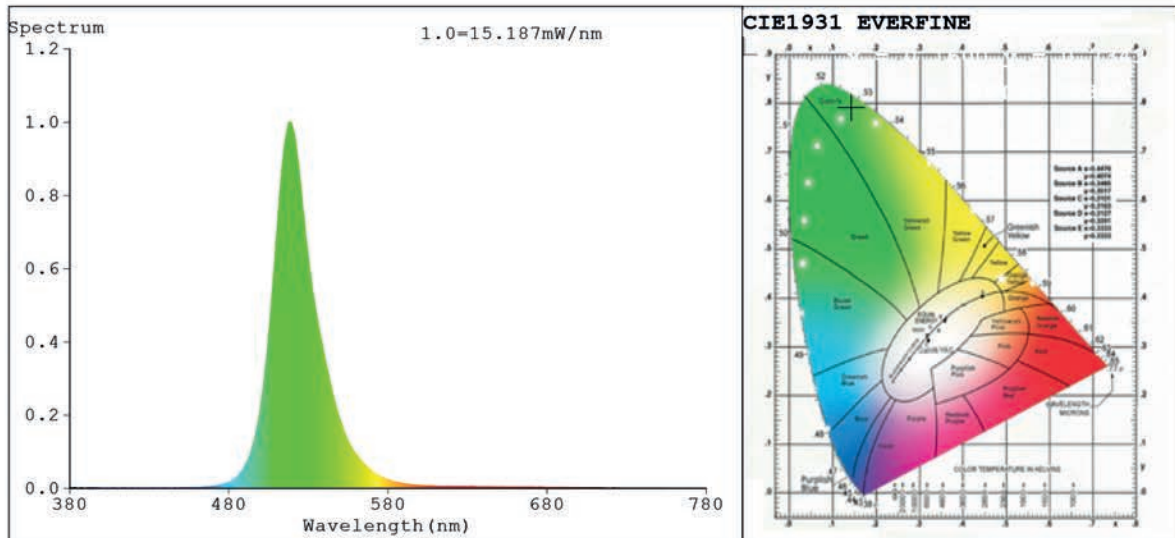
LEVEL:OUT WHITE:OUT

Status: Integral T = 213 ms Ip = 39899 (61%)

Model:Neón Pool Top RGB+W  
 Tester:Sergio Carneros  
 Temperature:25.3Deg  
 Manufacturer:LuzNegra S.L.

Number:10.306  
 Date:2024-07-06 08:45:59  
 Humidity:65.0%  
 Remarks:100cm de Neón

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.1600$   $y=0.7343$  /  $u'=0.0557$   $v'=0.5751$

CCT=7938K (Duv=0.1613) Dominant WL:  $\lambda_d = 525.9\text{nm}$  Purity=81.9%

Ratio: R=0.4% G=98.0% B=1.6% Peak WL:  $\lambda_p = 517.8\text{nm}$  FWHM=27.5nm

Render Index:  $R_a = -27.4$   $\text{Avg}R = -57.2$

R1 = -35 R2 = -13 R3 = -31 R4 = -66 R5 = -9 R6 = -21 R7 = -12

R8 = -33 R9 = -349 R10 = -116 R11 = -96 R12 = -39 R13 = -42 R14 = 34 R15 = -32

### Photo Parameters:

Flux = 247.7 lm Eff. : 72.76 lm/W  $F_e = 515.9\text{ mW}$

### Electrical parameters:

V = 24.098 V I = 0.1413 A P = 3.405 W PF = 1.000

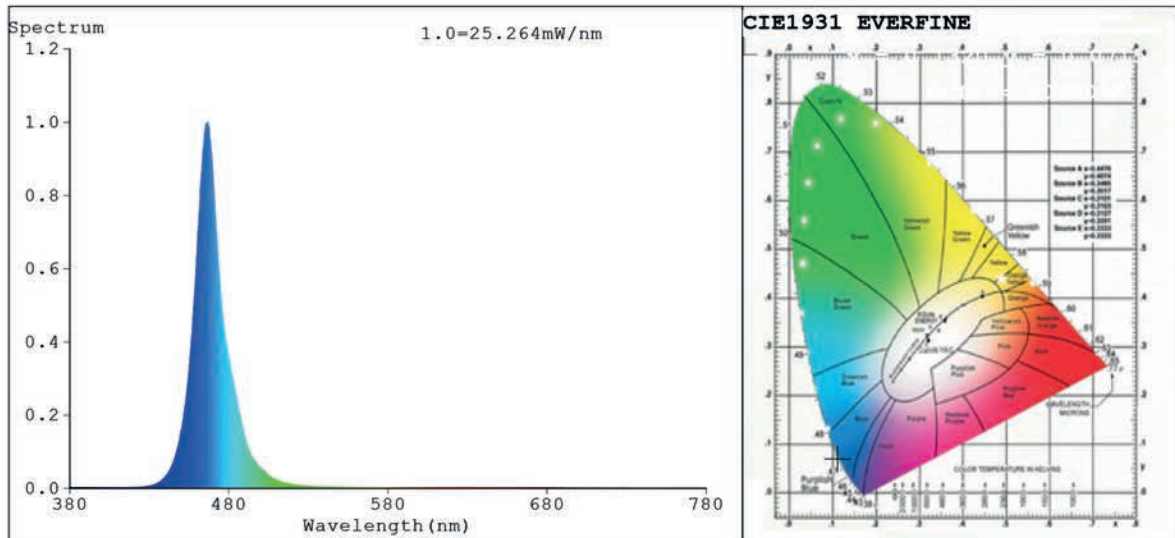
LEVEL:OUT WHITE:OUT

Status: Integral T = 426 ms  $I_p = 54202$  (83%)

Model: Neón Pool Top RGB+W  
 Tester: Sergio Carneros  
 Temperature: 25.3Deg  
 Manufacturer: LuzNegra S.L.

Number: 10.306  
 Date: 2024-07-06 08:45:40  
 Humidity: 65.0%  
 Remarks: 100cm de Neón

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.1320$   $y=0.0715$  /  $u'=0.1469$   $v'=0.1790$   
 CCT=100000K (Duv=0.1505) Dominant WL:Ld =470.4nm Purity=95.7%  
 Ratio:R=1.4% G=18.0% B=80.6% Peak WL:Lp=466.8nm FWHM=17.5nm  
 Render Index:Ra=-42.8 AvgR=-66.5  
 R1 =-1 R2 =-35 R3 =-129 R4 =-75 R5 =-14 R6 =-43 R7 =-43  
 R8 =-31 R9 =-224 R10=-207 R11=-102 R12=-85 R13=-20 R14=-26 R15=9

### Photo Parameters:

Flux = 44.79 lm Eff. : 13.48 lm/W Fe = 587.2 mW

### Electrical parameters:

V = 24.098 V I = 0.1379 A P = 3.323 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 213 ms Ip = 33983 (52%)

Model:Neón Pool Top RGB+W  
 Tester:Sergio Carneros  
 Temperature:25.3Deg  
 Manufacturer:LuzNegra S.L.

Number:10.306  
 Date:2024-07-06 08:46:17  
 Humidity:65.0%  
 Remarks:100cm de Neón