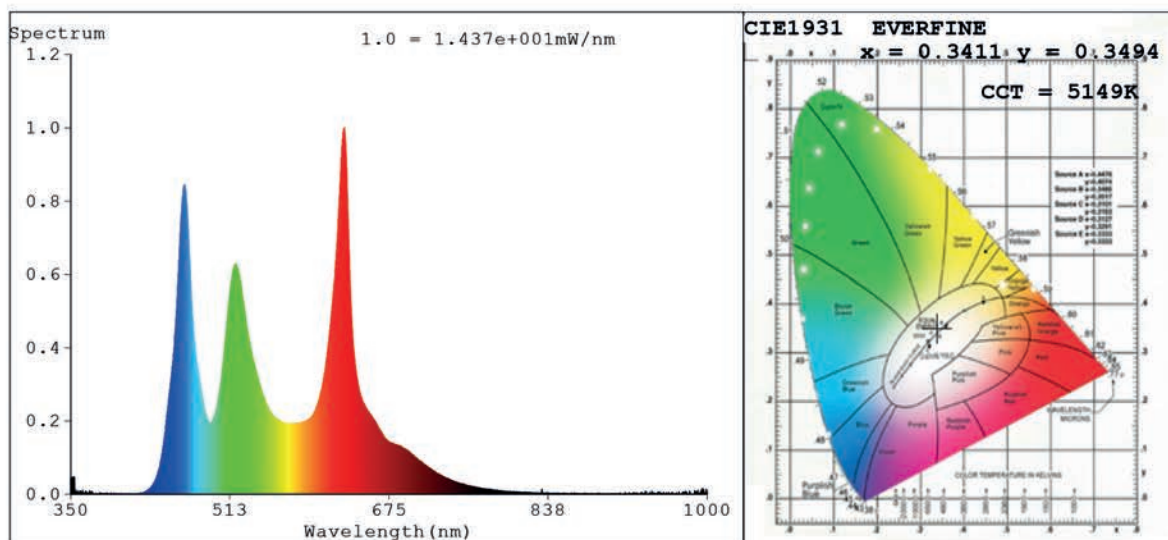


Spectrum Test Report



Colorimetric Parameters

Chromaticity Coordinate: $x=0.3411$ $y=0.3494$ $u'=0.2096$ $v'=0.4830$

CCT=5149K (Duv=0.0005) Dominant WL:Ld =569.6nm Purity=7.2%

Peak WL:Lp=629.6nm FWHM=20.1nm

Render Index:Ra=64.7 Render Index:R9 =54.9

R1 =52 R2 =75 R3 =90 R4 =58 R5 =60 R6 =65 R7 =76

R8 =41 R9 =-46 R10=45 R11=46 R12=63 R13=56 R14=92 R15=49

Photometric & Radiometric Parameters

Flux=347.0 lm Eff.:23.23 lm/W Fe=1.324 W

(EQE):96.774%

Electrical parameters

V=24.00 V I=0.6225 A P=14.94 W PF=1.000

Freq=0.00 Hz

Status: Integral T = 4602 ms Ip = 52787 (81%)

Test Mode: Fast Test; Sensitivity = High; Tecool: ON

GBT5702

Gamut Index: Ga=1.2

C1 =122 C2 =83 C3 =69 C4 =115 C5 =130 C6 =85 C7 =60

C8 =115 C9 =126 C10=81 C11=122 C12=85 C13=108 C14=73 C15=122

Model:Neón Pool Side RGB+W

Test By:Sergio Carneros

Temperature:25.3Deg

Manufacturer:Luz Negra S.L.

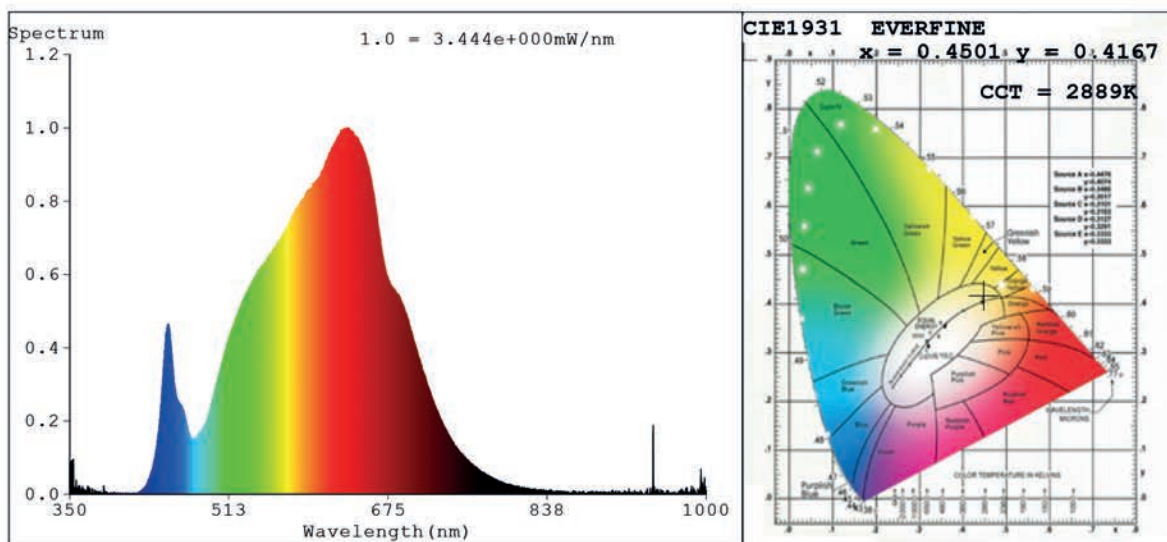
Number:10.312

Date:2024-06-22 15:15:50

Humidity:65.0%

Remarks:100cm de Neón

Spectrum Test Report



Colorimetric Parameters

Chromaticity Coordinate: $x=0.4501$ $y=0.4167$ $u'=0.2536$ $v'=0.5282$

CCT=2889K (Duv=0.0032) Dominant WL:Ld =582.3nm Purity=60.2%

Peak WL:Lp=634.3nm FWHM=170.3nm

Render Index:Ra=91.8 Render Index:R9 =88.4

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

R8 =87 R9 =68 R10=83 R11=93 R12=72 R13=92 R14=95 R15=89

Photometric & Radiometric Parameters

Flux=165.8 lm Eff.:31.90 lm/W Fe=602.6 mW

(EQE):135.46%

Electrical parameters

V=24.00 V I=0.2166 A P=5.198 W PF=1.000

Freq=0.00 Hz

Status: Integral T = 16827 ms Ip = 47616 (73%)

Test Mode: Fast Test; Sensitivity = High; Tecool: ON

GBT5702

Gamut Index: Ga=0.99

C1 =97 C2 =82 C3 =75 C4 =92 C5 =92 C6 =86 C7 =92

C8 =96 C9 =95 C10=76 C11=95 C12=81 C13=95 C14=81 C15=96

Model:Neón Pool Side RGB+W

Test By:Sergio Carneros

Temperature:25.3Deg

Manufacturer:Luz Negra S.L.

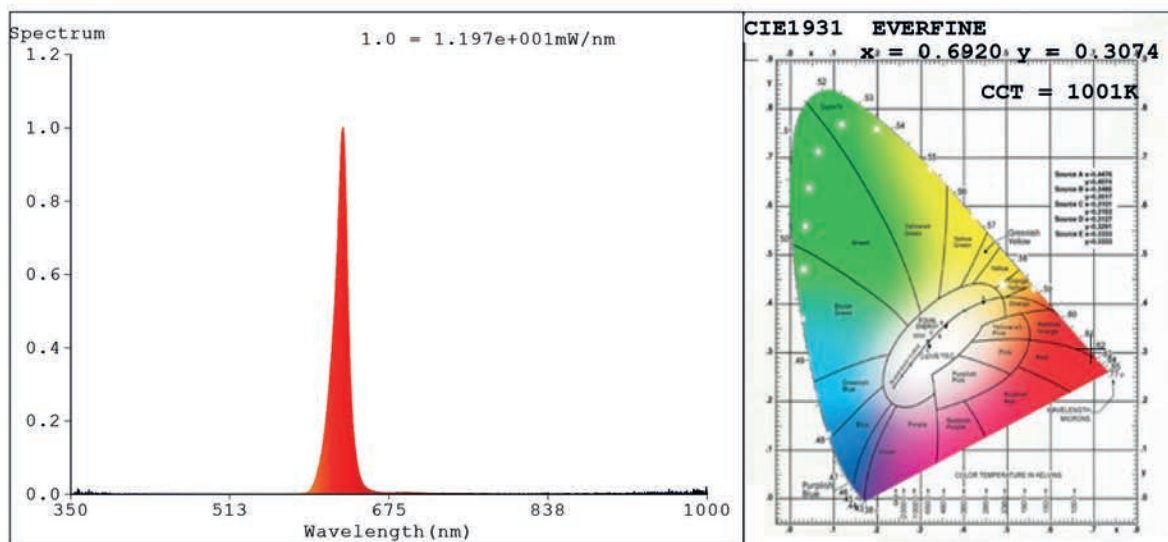
Number:10.312

Date:2024-06-22 15:10:32

Humidity:65.0%

Remarks:100cm de Neón

Spectrum Test Report



Colorimetric Parameters

Chromaticity Coordinate: $x=0.6920$ $y=0.3074$ $u'=0.5218$ $v'=0.5215$

CCT=1001K(Duv=-0.0742) Dominant WL:Ld =620.5nm Purity=99.9%

Peak WL:Lp=628.0nm FWHM=14.5nm

Render Index:Ra=7.0 Render Index:R9 =-2.4

R1 =1 R2 =78 R3 =23 R4 =-36 R5 =-6 R6 =90 R7 =-5

R8 =-88 R9 =-255 R10=71 R11=-22 R12=78 R13=27 R14=55 R15=-47

Photometric & Radiometric Parameters

Flux=48.31 lm Eff.:15.23 lm/W Fe=222.8 mW

(EQE):85.374%

Electrical parameters

V=24.00 V I=0.1322 A P=3.172 W PF=1.000

Freq=0.00 Hz

Status: Integral T = 5451 ms Ip = 52613 (80%)

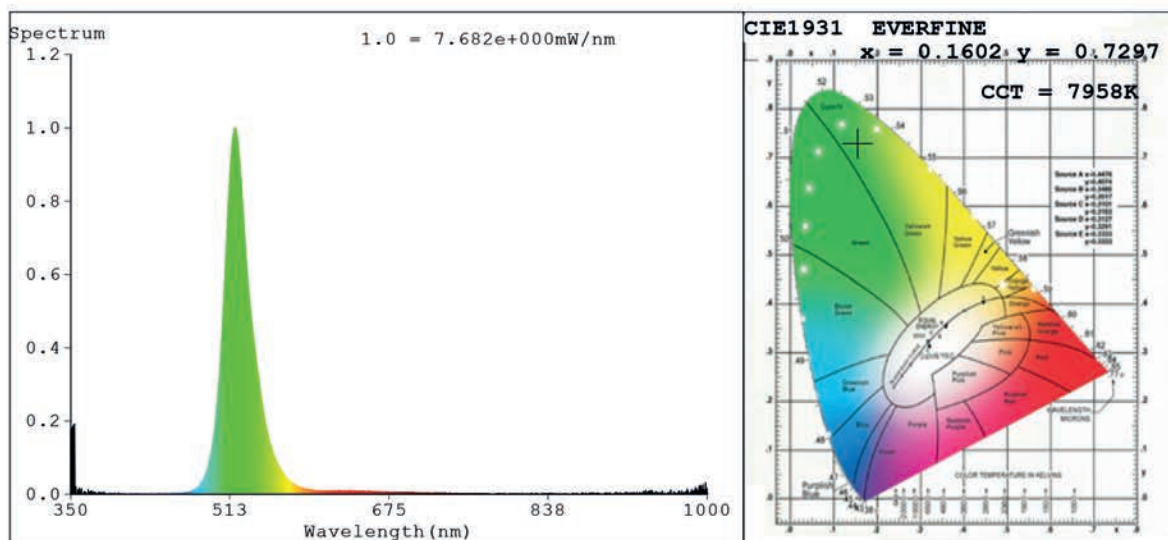
Test Mode: Fast Test; Sensitivity = High; Tecool: ON

GBT5702

Model:Neón Pool Side RGB+W
 Test By:Sergio Carneros
 Temperature:25.3Deg
 Manufacturer:Luz Negra S.L.

Number:10.312
 Date:2024-06-22 15:11:57
 Humidity:65.0%
 Remarks:100cm de Neón

Spectrum Test Report



Colorimetric Parameters

Chromaticity Coordinate: $x=0.1602$ $y=0.7297$ $u'=0.0560$ $v'=0.5743$

CCT=7958K(Duv=0.1607) Dominant WL:Ld =525.6nm Purity=80.7%

Peak WL:Lp=517.9nm FWHM=28.0nm

Render Index:Ra=-27.0 Render Index:R9 =-55.5

R1 =-32 R2 =-12 R3 =-32 R4 =-66 R5 =-7 R6 =-20 R7 =-14

R8 =-32 R9 =-333 R10=-115 R11=-95 R12=-38 R13=-40 R14=34 R15=-30

Photometric & Radiometric Parameters

Flux=125.9 lm Eff.:35.58 lm/W Fe=277.0 mW

(EQE):79.597%

Electrical parameters

V=24.00 V I=0.1474 A P=3.537 W PF=1.000

Freq=0.00 Hz

Status: Integral T = 6931 ms Ip = 52331 (80%)

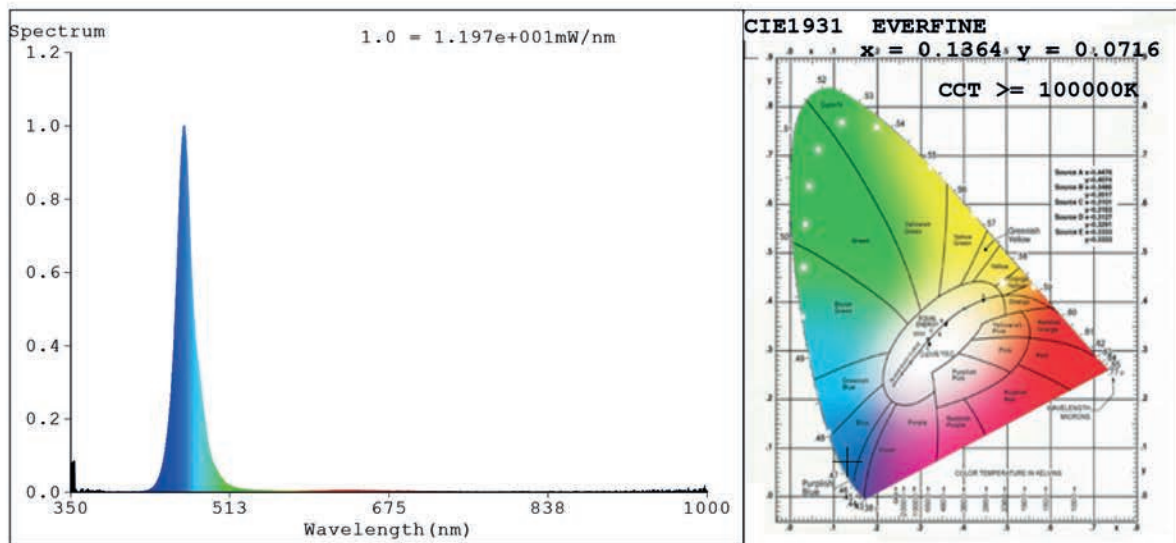
Test Mode: Fast Test; Sensitivity = High; Tecool: ON

GBT5702

Model:Neón Pool Side RGB+W
 Test By:Sergio Carneros
 Temperature:25.3Deg
 Manufacturer:Luz Negra S.L.

Number:10.312
 Date:2024-06-22 15:12:54
 Humidity:65.0%
 Remarks:100cm de Neón

Spectrum Test Report



Colorimetric Parameters

Chromaticity Coordinate: $x=0.1364$ $y=0.0716$ $u'=0.1521$ $v'=0.1797$

CCT=100000K (Duv=-0.1489) Dominant WL: $\lambda_d = 469.7\text{nm}$ Purity=94.5%

Peak WL: $\lambda_p = 466.2\text{nm}$ FWHM=18.2nm

Render Index: $R_a = -35.5$ Render Index: $R_9 = -53.8$

$R_1 = 18$ $R_2 = -28$ $R_3 = -131$ $R_4 = -69$ $R_5 = 29$ $R_6 = -35$ $R_7 = -42$

$R_8 = -26$ $R_9 = -152$ $R_{10} = -199$ $R_{11} = -92$ $R_{12} = -74$ $R_{13} = -3$ $R_{14} = -26$ $R_{15} = 23$

Photometric & Radiometric Parameters

Flux=22.45 lm Eff.: 6.45 lm/W $F_e = 296.9\text{ mW}$

(EQE): 78.24%

Electrical parameters

$V = 24.00\text{ V}$ $I = 0.1450\text{ A}$ $P = 3.480\text{ W}$ PF=1.000

Freq=0.00 Hz

Status: Integral T = 5962 ms $I_p = 52963$ (81%)

Test Mode: Fast Test; Sensitivity = High; Tecool: ON

GBT5702

Model: Neón Pool Side RGB+W
 Test By: Sergio Carneros
 Temperature: 25.3Deg
 Manufacturer: Luz Negra S.L.

Number: 10.312
 Date: 2024-06-22 15:14:20
 Humidity: 65.0%
 Remarks: 100cm de Neón