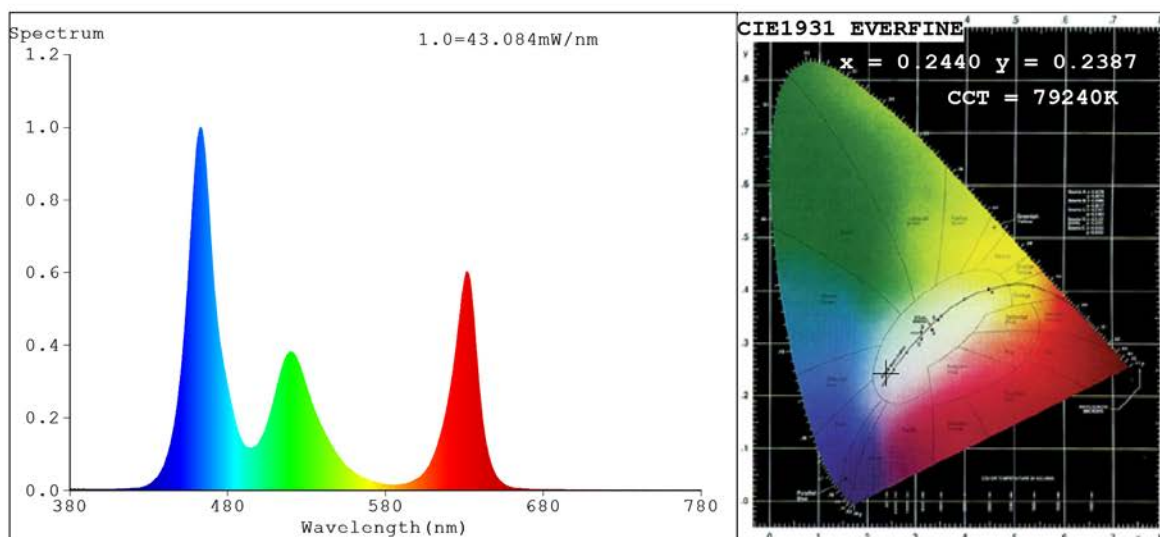


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2440$ $y=0.2387$ / $u'=0.1815$ $v'=0.3996$
 CCT=79240K (Duv=-0.0007) Dominant WL:Ld =475.9nm Purity=39.4%
 Ratio:R=22.1% G=64.8% B=13.1%;;Peak WL:Lp=462.9nm FWHM=19.0nm
 Render Index:Ra=46.6 CRI=41.6 TM30:Rf=45 Rg=115
 R1 =26 R2 =56 R3 =76 R4 =48 R5 =50 R6 =59 R7 =58
 R8 =0 R9 =0 R10=3 R11=39 R12=57 R13=30 R14=81 R15=3

Photo Parameters:

Flux = 472.8 lm Eff. : 42.73 lm/W Fe = 2.195 W Scotopic:1930.7 S/P:4.0839

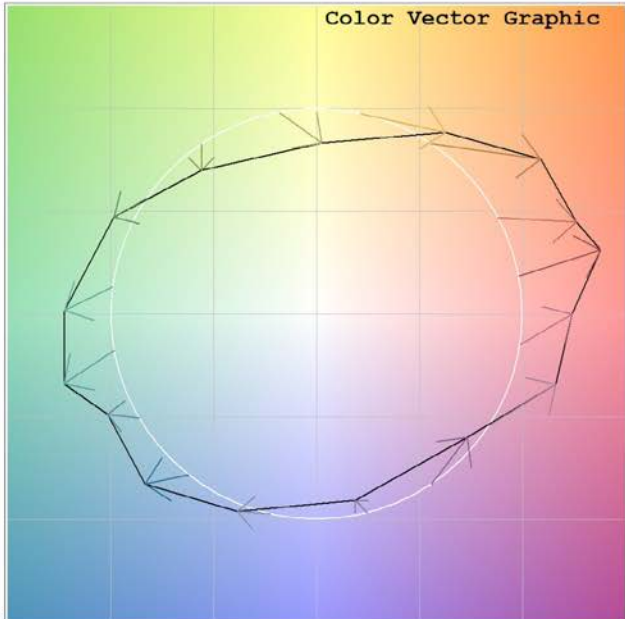
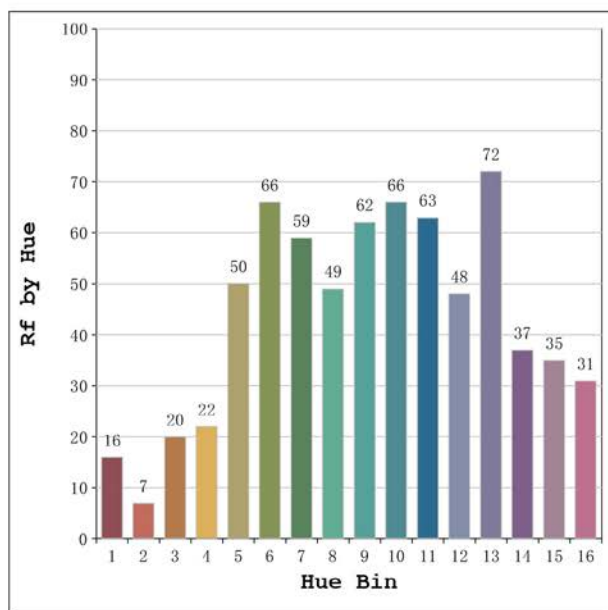
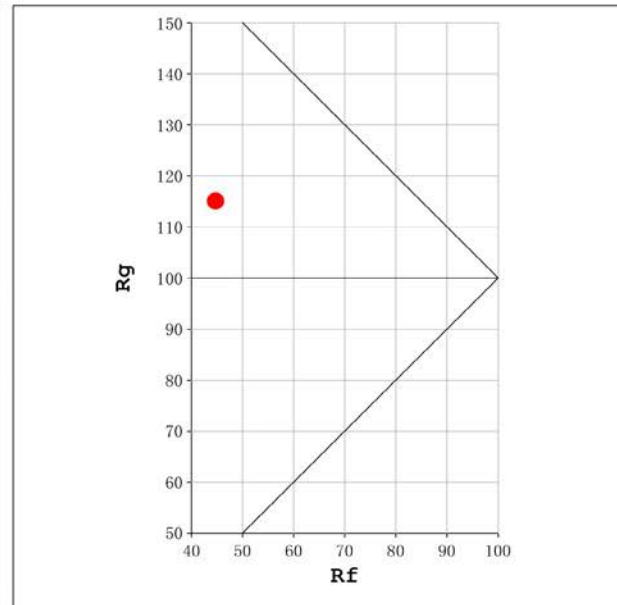
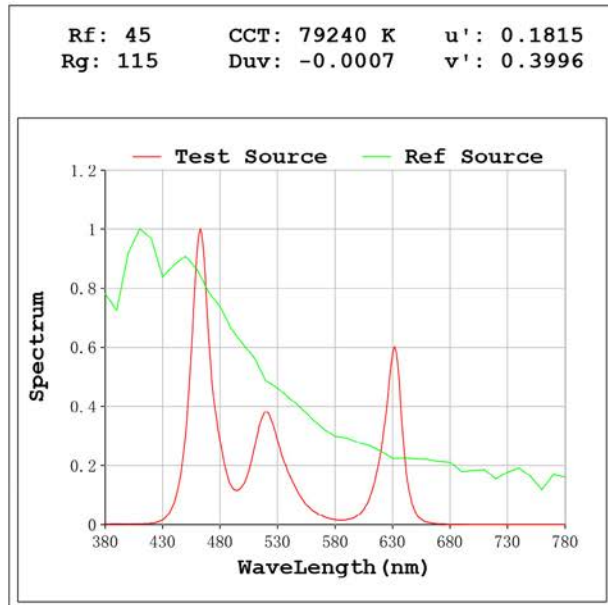
Electrical parameters:

V = 47.998 V I = 0.2305 A P = 11.06 W PF = 1.000

Status: Integral T = 505 ms Ip = 37692 (58%)

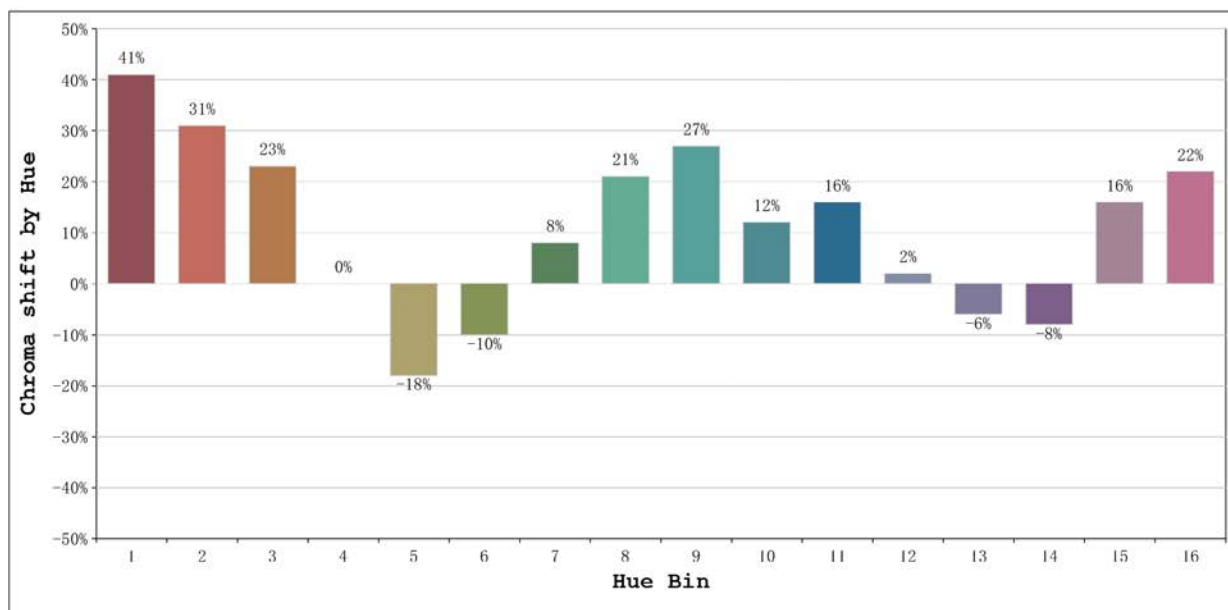
Model:Ecoled Castellon RGB
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number: 33.197
 Date:
 Humidity:50%
 Remarks:100cm de tira flexible (R+G+B)



Model:Ecoled Castellon RGB
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number: 33.197
 Date:
 Humidity:50%
 Remarks:100cm de tira flexible (R+G+B)

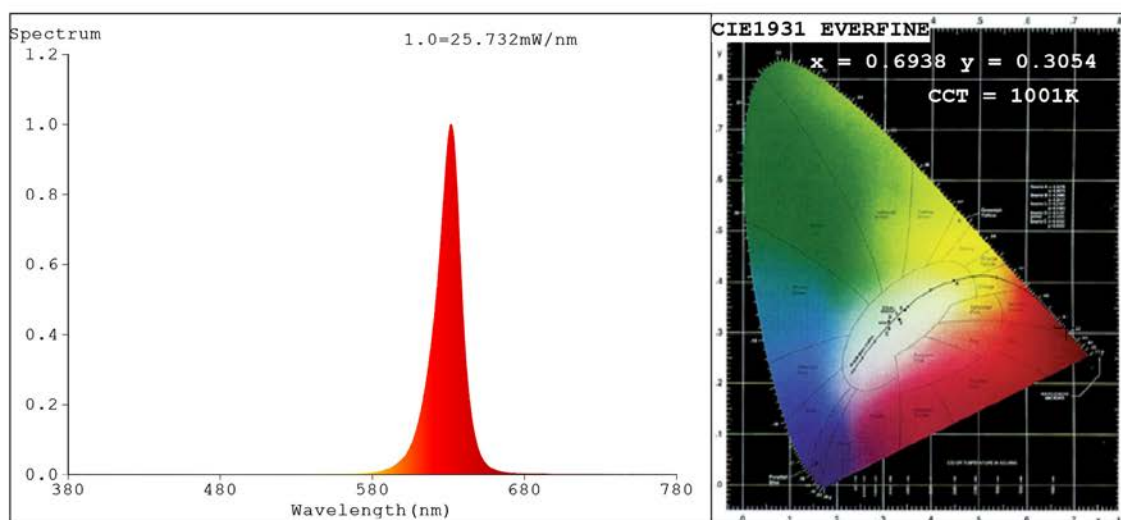


Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	16	41	5
2	22.5° - 45.0°	7	31	-22
3	45.0° - 67.5°	20	23	-47
4	67.5° - 90.0°	22	0	-41
5	90.0° - 112.5°	50	-18	-16
6	112.5° - 135.0°	66	-10	7
7	135.0° - 157.5°	59	8	17
8	157.5° - 180.0°	49	21	16
9	180.0° - 202.5°	62	27	11
10	202.5° - 225.0°	66	12	-9
11	225.0° - 247.5°	63	16	-14
12	247.5° - 270.0°	48	2	-15
13	270.0° - 292.5°	72	-6	-3
14	292.5° - 315.0°	37	-8	27
15	315.0° - 337.5°	35	16	35
16	337.5° - 360.0°	31	22	19

Model:Ecoled Castellon RGB
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number: 33.197
 Date:
 Humidity:50%
 Remarks:100cm de tira flexible (R+G+B)

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6938$ $y=0.3054$ $u'=0.5259$ $v'=0.5209$
 CCT=1001K (Duv=-0.0783) Dominant WL: $\lambda_d = 621.5nm$ Purity=99.8%
 Ratio: R=95.2% G=4.7% B=0.0%; Peak WL: $\lambda_p = 631.6nm$ FWHM=17.2nm
 Render Index: Ra=28.6 CRI=33.9 TM30: Rf=17 Rg=-1
 R1 =10 R2 =79 R3 =34 R4 =0 R5 =6 R6 =90 R7 =10
 R8 =0 R9 =0 R10=73 R11=0 R12=79 R13=32 R14=62 R15=0

Photo Parameters:

Flux = 108.0 lm Eff. : 29.14 lm/W Fe = 543.0 mW Scotopic: 6.2028 S/P: 0.057436

Electrical parameters:

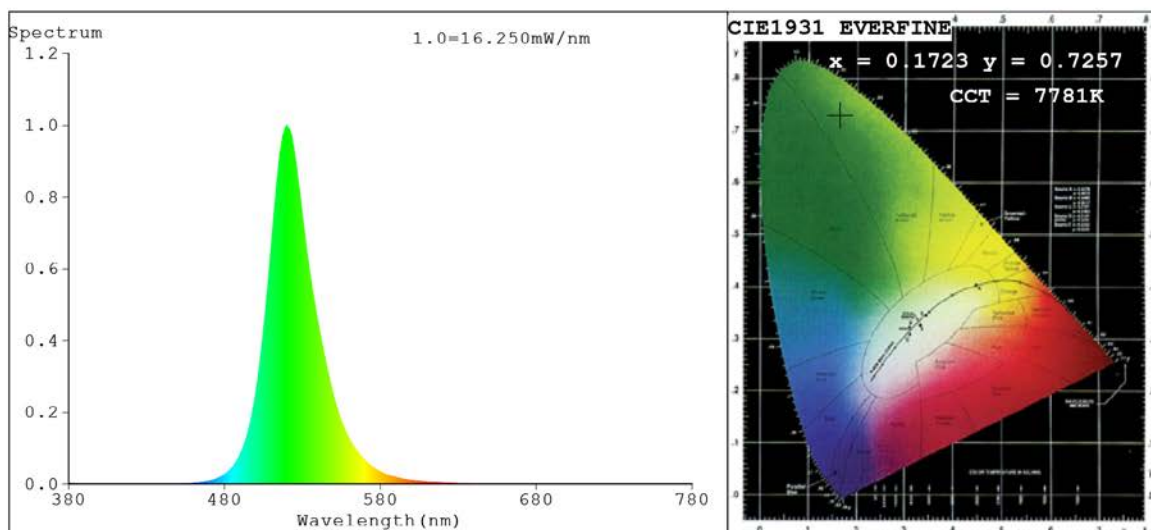
V = 47.998 V I = 0.07720 A P = 3.705 W PF = 1.000

Status: Integral T = 1122 ms Ip = 52734 (80%)

Model: Ecoled Castellon RGB
 Tester: Sergio Carneros
 Temperature: 20Deg
 Manufacturer: Luz Negra

Number: 33.197
 Date:
 Humidity: 50%
 Remarks: 100cm de tira flexible (R)

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1723$ $y=0.7257$ $u'=0.0606$ $v'=0.5747$

CCT=7781K (Duv=0.1569) Dominant WL: $\lambda_d = 527.5\text{nm}$ Purity=81.2%

Ratio: R=0.3% G=97.9% B=1.8%; Peak WL: $\lambda_p = 520.1\text{nm}$ FWHM=31.2nm

Render Index: $R_a=0.0$ CRI=2.8 TM30: $R_f=0$ $R_g=8$

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 = 40 R15 = 0

Photo Parameters:

Flux = 299.7 lm Eff. : 82.26 lm/W Fe = 609.7 mW Scotopic: 833.58 S/P: 2.7817

Electrical parameters:

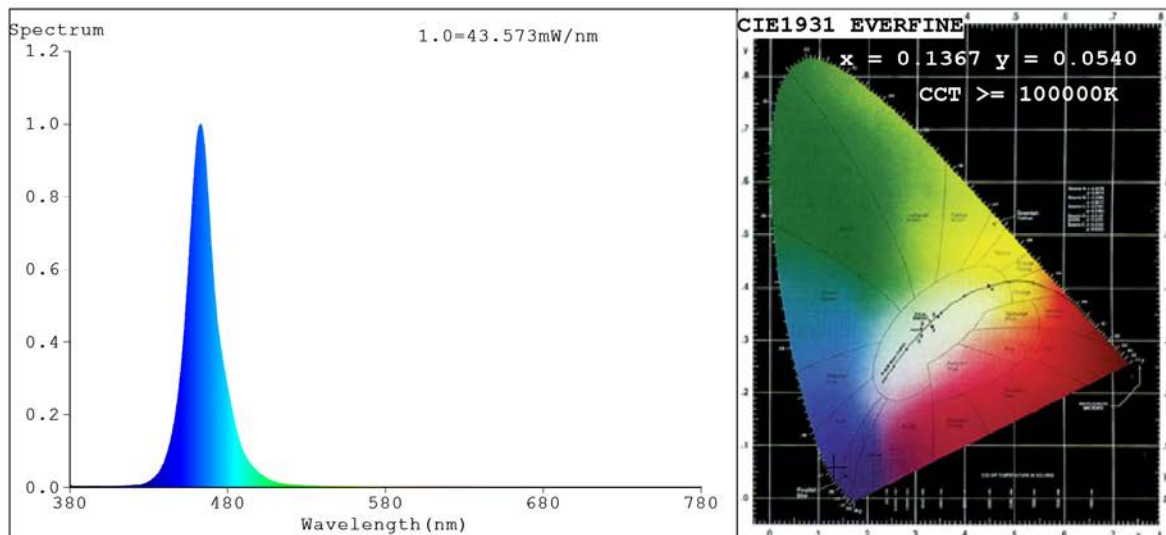
V = 47.999 V I = 0.07590 A P = 3.643 W PF = 1.000

Status: Integral T = 1122 ms $I_p = 42292$ (65%)

Model: Ecoled Castellon RGB
 Tester: Sergio Carneros
 Temperature: 20Deg
 Manufacturer: Luz Negra

Number: 33.197
 Date:
 Humidity: 50%
 Remarks: 100cm de tira flexible (G)

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1367$ $y=0.0540$ / $u'=0.1621$ $v'=0.1440$
 CCT=100000K (Duv=0.1709) Dominant WL:Ld =467.1nm Purity=97.3%
 Ratio:R=0.4% G=13.6% B=86.0%; Peak WL:Lp=463.2nm FWHM=18.7nm
 Render Index:Ra=0.3 CRI=0.2 TM30:Rf=0 Rg=30
 R1 =0 R2 =0 R3 =0 R4 =0 R5 =3 R6 =0 R7 =0
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=0

Photo Parameters:

Flux = 65.96 lm Eff. : 17.66 lm/W Fe = 1.050 W Scotopic:1099.3 S/P:16.667

Electrical parameters:

V = 47.998 V I = 0.07780 A P = 3.734 W PF = 1.000

Status: Integral T = 561 ms Ip = 42339 (65%)

Model:Ecoled Castellon RGB
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number: 33.197
 Date:
 Humidity:50%
 Remarks:100cm de tira flexible (B)