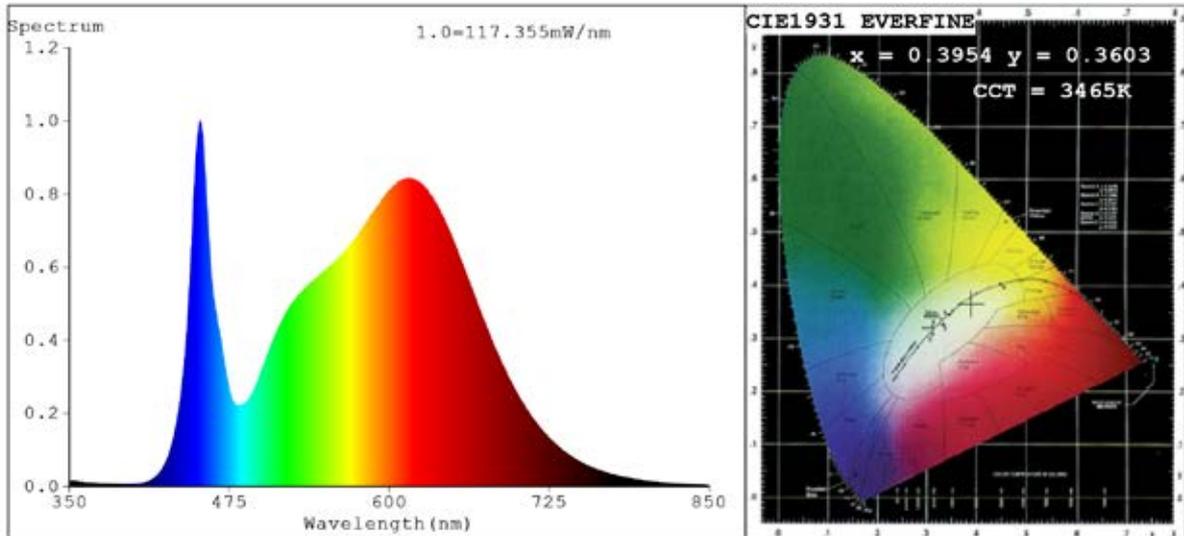


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3954$ $y=0.3603$ $u'=0.2421$ $v'=0.4964$
 CCT=3465K (Duv=-0.0117) Dominant WL:Ld =588.3nm Purity=26.8%
 Ratio:R=22.7% G=73.8% B=3.6%;; Peak WL:Lp=452.2nm FWHM=20.1nm
 Render Index:Ra=92.9 CRI=90.6 TM30:Rf=86 Rg=105
 R1 =96 R2 =97 R3 =95 R4 =92 R5 =95 R6 =93 R7 =90
 R8 =85 R9 =69 R10=92 R11=91 R12=78 R13=97 R14=97 R15=96

Photo Parameters:

Flux = 5279 lm Eff. : 128.32 lm/W Fe = 18.90 W

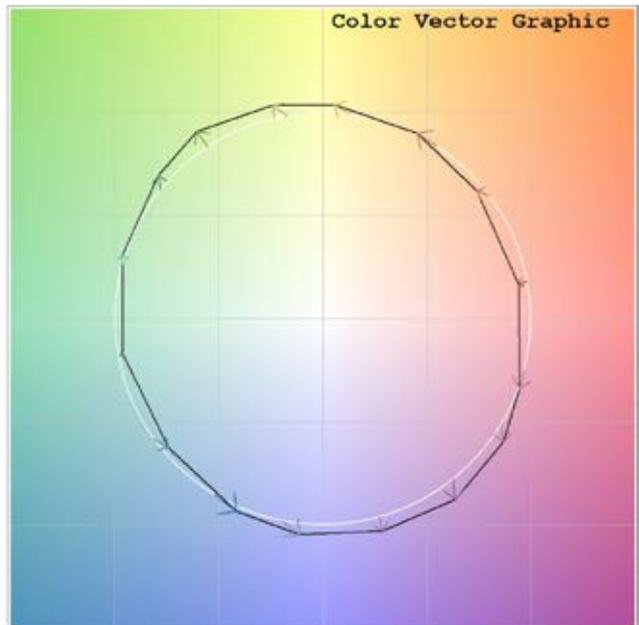
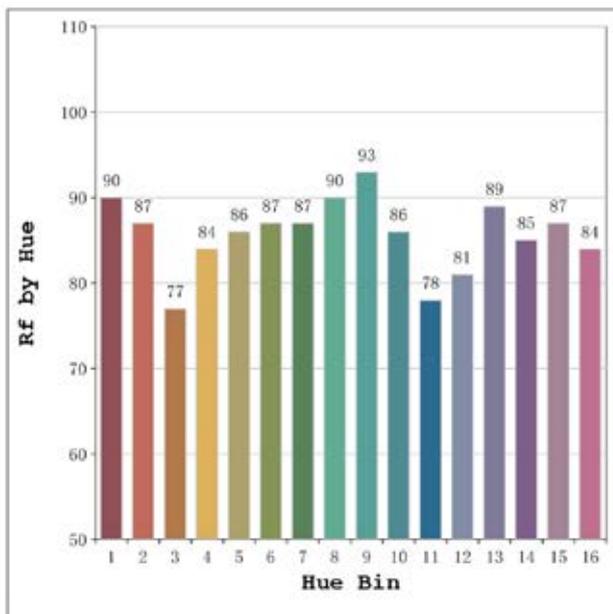
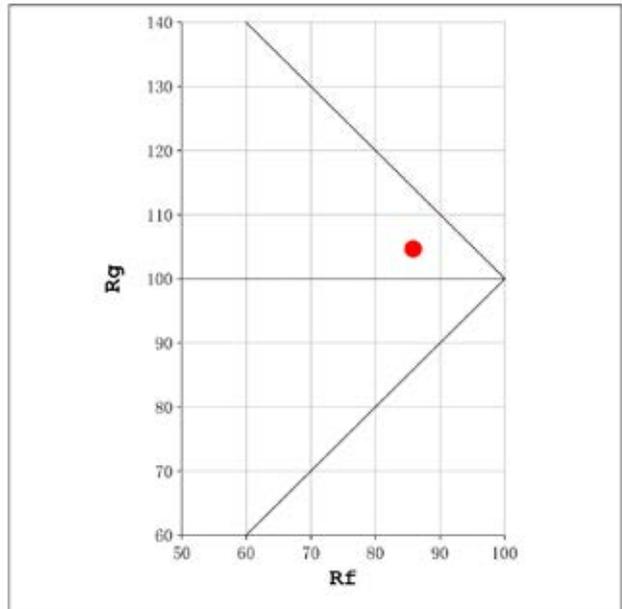
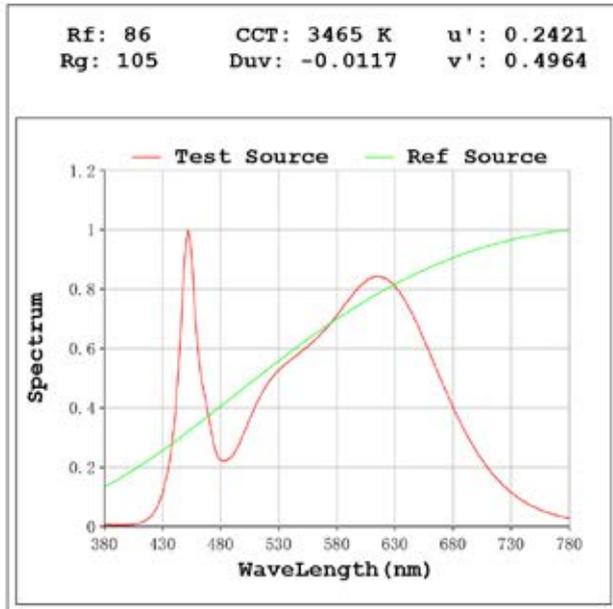
Electrical parameters:

V = 23.998 V I = 1.714 A P = 41.14 W PF = 1.000

Status: Integral T = 190 ms Ip = 36138 (55%)

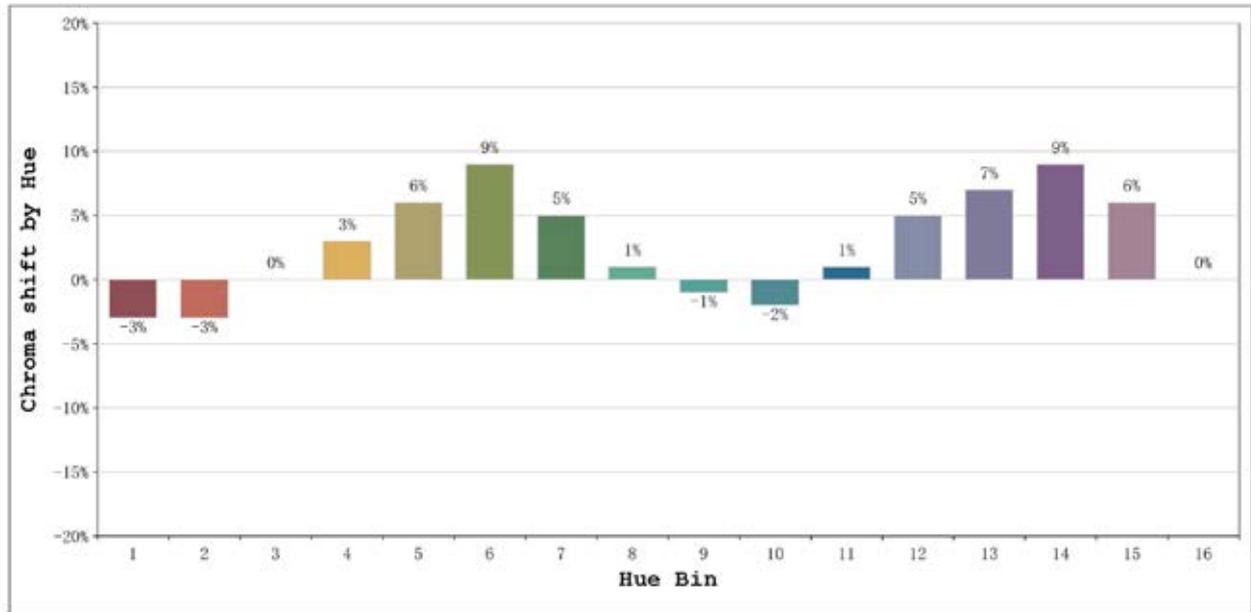
Model:Blanes (CW+WW)
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra

Number: 33.330
 Date:2025-05-22 15:54:02
 Humidity:40%
 Remarks:100cm de tira flexible



Model:Blanes (CW+WW)
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra

Number: 33.330
 Date:2025-05-22 15:54:02
 Humidity:40%
 Remarks:100cm de tira flexible

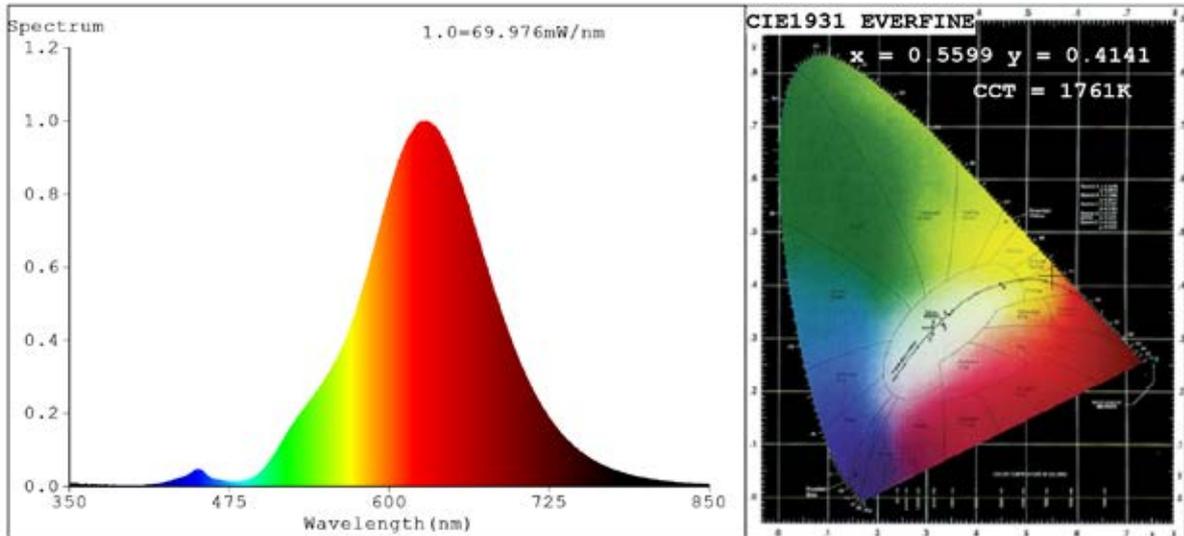


Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	90	-3	0
2	22.5° - 45.0°	87	-3	5
3	45.0° - 67.5°	77	0	11
4	67.5° - 90.0°	84	3	9
5	90.0° - 112.5°	86	6	6
6	112.5° - 135.0°	87	9	0
7	135.0° - 157.5°	87	5	-4
8	157.5° - 180.0°	90	1	-4
9	180.0° - 202.5°	93	-1	0
10	202.5° - 225.0°	86	-2	7
11	225.0° - 247.5°	78	1	13
12	247.5° - 270.0°	81	5	9
13	270.0° - 292.5°	89	7	1
14	292.5° - 315.0°	85	9	-3
15	315.0° - 337.5°	87	6	-5
16	337.5° - 360.0°	84	0	-9

Model:Blanes (CW+WW)
Tester:Sergio Carneros
Temperature:25Deg
Manufacturer:Luz Negra

Number: 33.330
Date:2025-05-22 15:54:02
Humidity:40%
Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5599$ $y=0.4141$ / $u'=0.3270$ $v'=0.5441$
 CCT=1761K (Duv=0.0024) Dominant WL:Ld =590.6nm Purity=92.4%
 Ratio:R=37.7% G=62.0% B=0.3%;; Peak WL:Lp=628.9nm FWHM=109.2nm
 Render Index:Ra=81.3 CRI=76.2 TM30:Rf=80 Rg=88
 R1 =79 R2 =89 R3 =98 R4 =77 R5 =77 R6 =87 R7 =83
 R8 =59 R9 =20 R10=75 R11=75 R12=69 R13=81 R14=97 R15=73

Photo Parameters:

Flux = 2184 lm Eff. : 102.16 lm/W Fe = 8.885 W

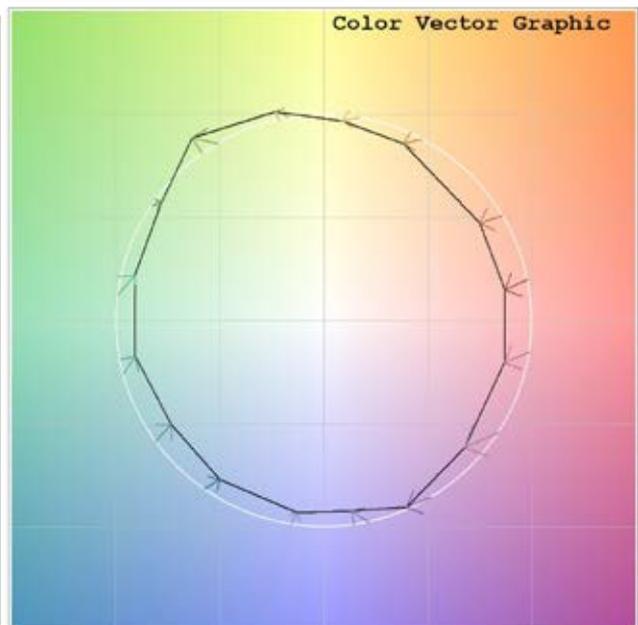
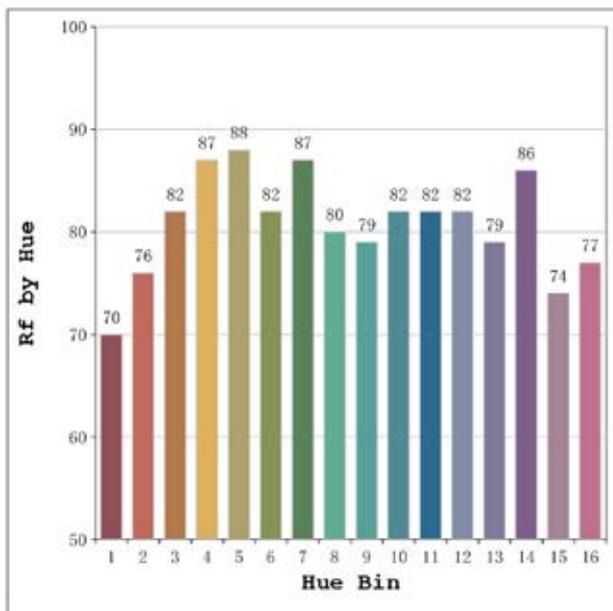
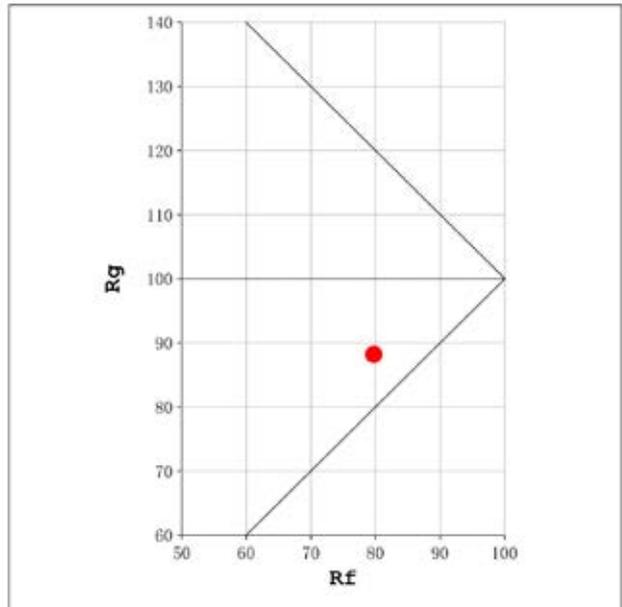
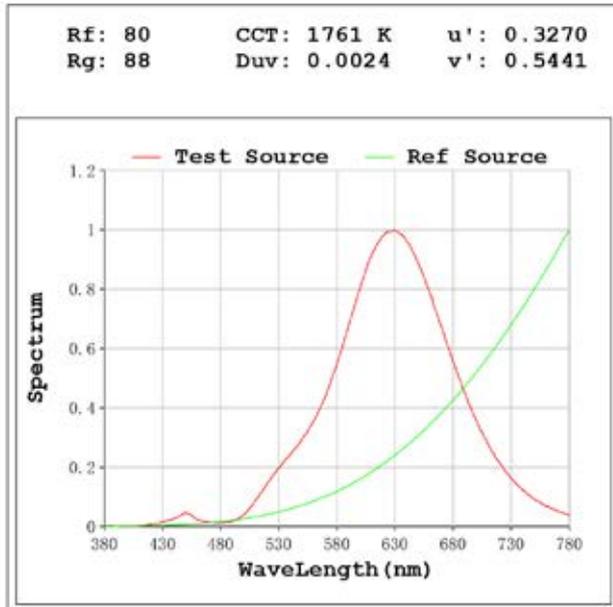
Electrical parameters:

V = 23.998 V I = 0.8908 A P = 21.38 W PF = 1.000

Status: Integral T = 408 ms Ip = 51085 (78%)

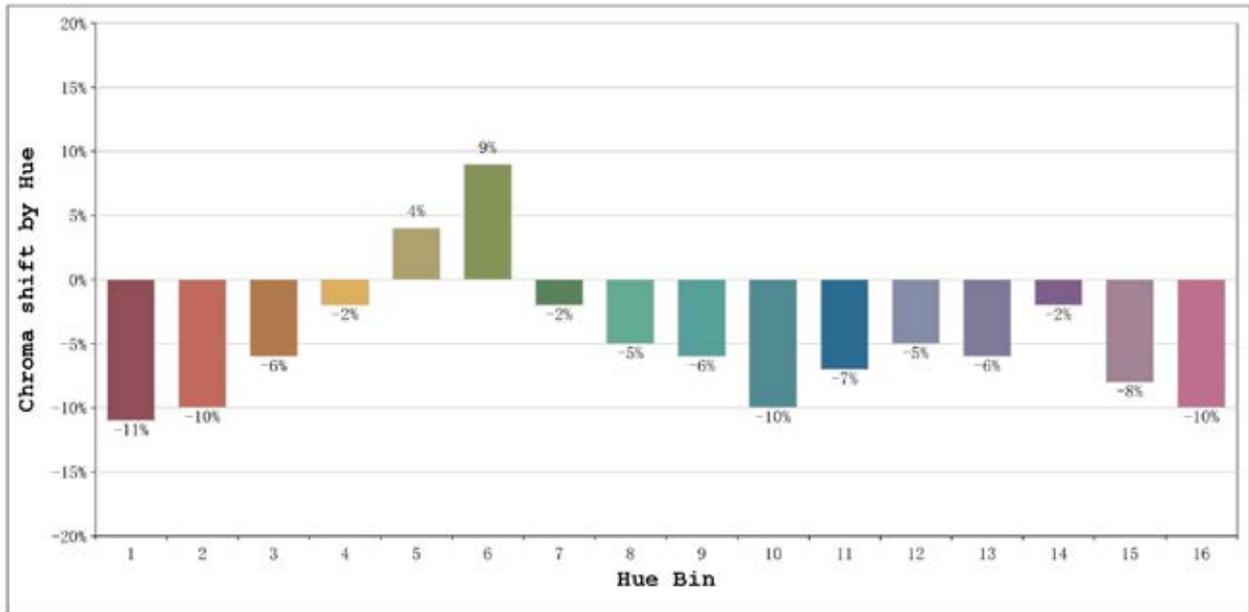
Model:Blanes (WW)
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra

Number: 33.330
 Date:2025-05-22 15:55:09
 Humidity:40%
 Remarks:100cm de tira flexible



Model:Blanes (WW)
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra

Number: 33.330
 Date:2025-05-22 15:55:09
 Humidity:40%
 Remarks:100cm de tira flexible

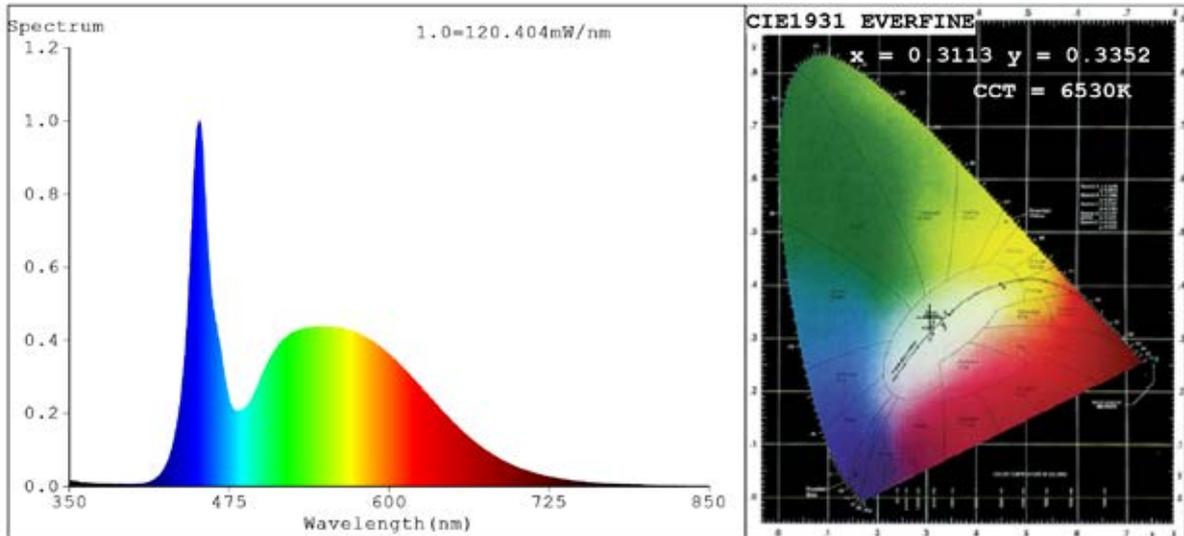


Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	70	-11	-2
2	22.5° - 45.0°	76	-10	3
3	45.0° - 67.5°	82	-6	6
4	67.5° - 90.0°	87	-2	8
5	90.0° - 112.5°	88	4	6
6	112.5° - 135.0°	82	9	9
7	135.0° - 157.5°	87	-2	-3
8	157.5° - 180.0°	80	-5	-10
9	180.0° - 202.5°	79	-6	-6
10	202.5° - 225.0°	82	-10	-2
11	225.0° - 247.5°	82	-7	4
12	247.5° - 270.0°	82	-5	2
13	270.0° - 292.5°	79	-6	-6
14	292.5° - 315.0°	86	-2	-11
15	315.0° - 337.5°	74	-8	-14
16	337.5° - 360.0°	77	-10	-6

Model:Blanes (WW)
Tester:Sergio Carneros
Temperature:25Deg
Manufacturer:Luz Negra

Number: 33.330
Date:2025-05-22 15:55:09
Humidity:40%
Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3113$ $y=0.3352$ / $u'=0.1946$ $v'=0.4714$
 CCT=6530K (Duv=0.0070) Dominant WL:Ld =492.8nm Purity=7.3%
 Ratio:R=12.9% G=81.6% B=5.4%;; Peak WL:Lp=451.2nm FWHM=18.9nm
 Render Index:Ra=82.0 CRI=74.0 TM30:Rf=81 Rg=93
 R1 =79 R2 =86 R3 =90 R4 =81 R5 =80 R6 =81 R7 =89
 R8 =70 R9 =5 R10=67 R11=80 R12=53 R13=81 R14=95 R15=75

Photo Parameters:

Flux = 3367 lm Eff. : 161.55 lm/W Fe = 10.91 W

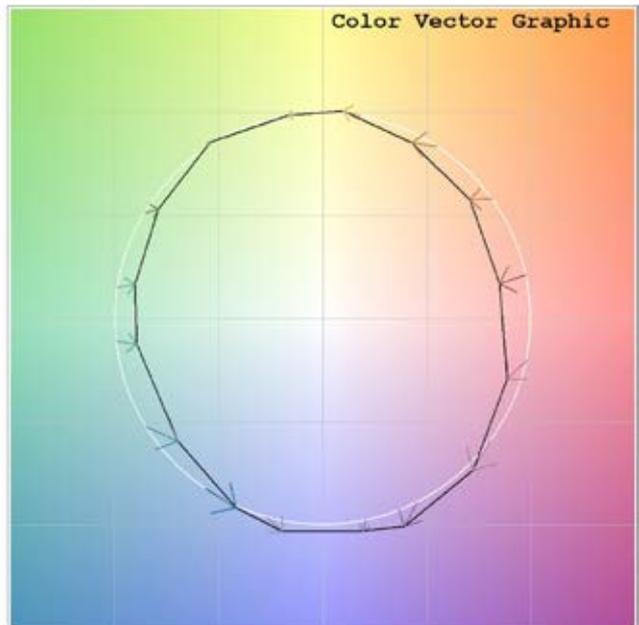
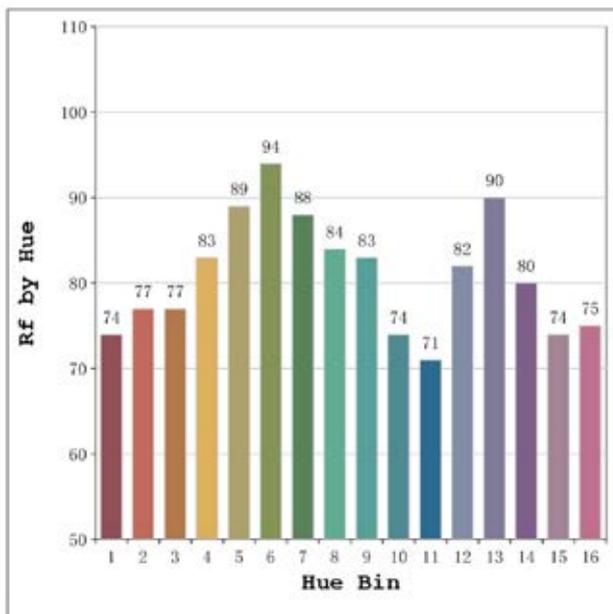
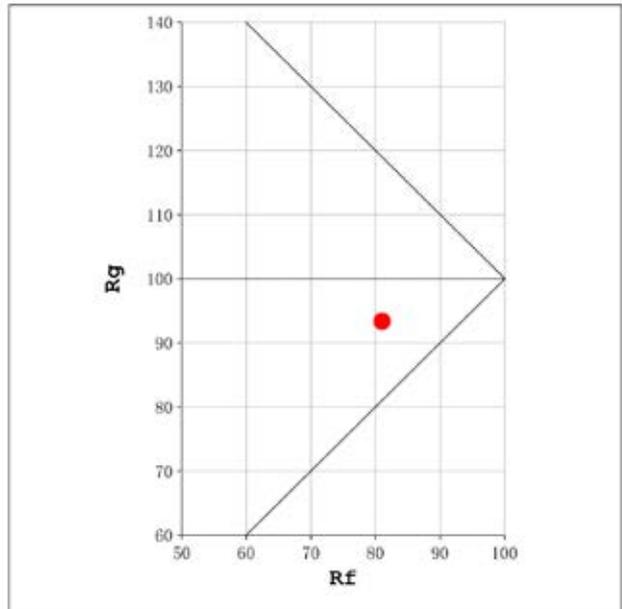
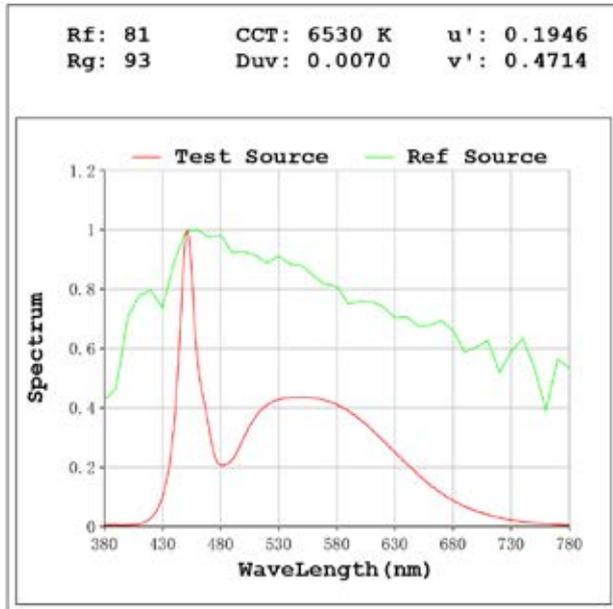
Electrical parameters:

V = 23.998 V I = 0.8684 A P = 20.84 W PF = 1.000

Status: Integral T = 325 ms Ip = 50043 (76%)

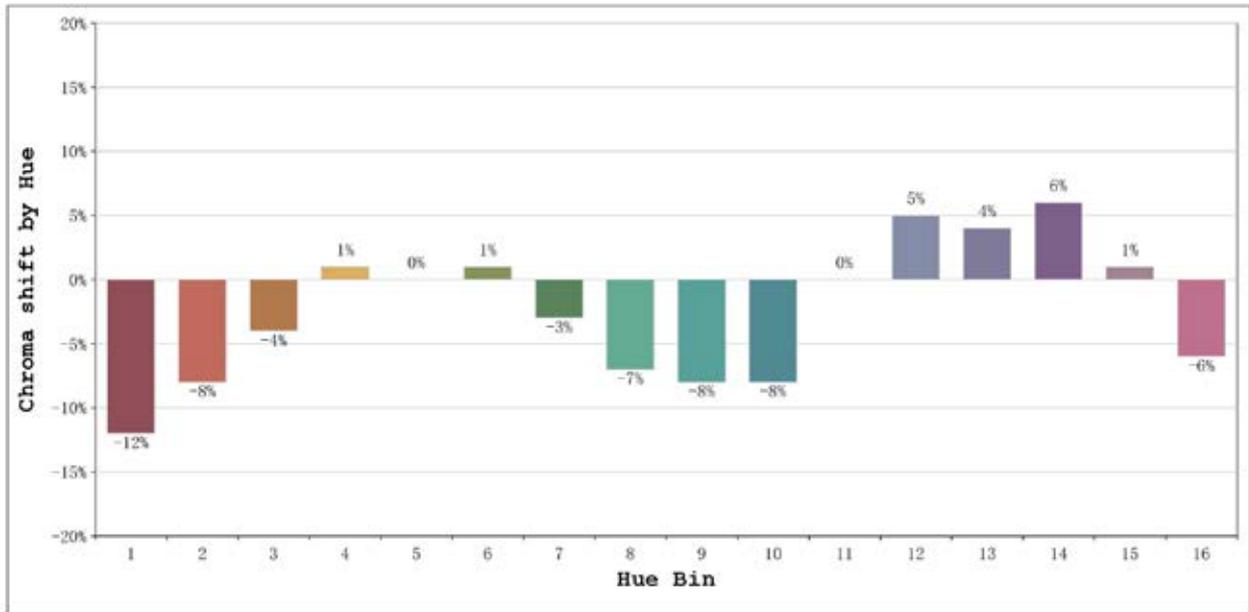
Model:Blanes (CW)
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra

Number: 33.330
 Date:2025-05-22 15:55:53
 Humidity:40%
 Remarks:100cm de tira flexible



Model:Blanes (CW)
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra

Number: 33.330
 Date:2025-05-22 15:55:53
 Humidity:40%
 Remarks:100cm de tira flexible



Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	74	-12	-1
2	22.5° - 45.0°	77	-8	5
3	45.0° - 67.5°	77	-4	11
4	67.5° - 90.0°	83	1	9
5	90.0° - 112.5°	89	0	3
6	112.5° - 135.0°	94	1	-1
7	135.0° - 157.5°	88	-3	-4
8	157.5° - 180.0°	84	-7	-2
9	180.0° - 202.5°	83	-8	3
10	202.5° - 225.0°	74	-8	14
11	225.0° - 247.5°	71	0	18
12	247.5° - 270.0°	82	5	9
13	270.0° - 292.5°	90	4	-1
14	292.5° - 315.0°	80	6	-11
15	315.0° - 337.5°	74	1	-15
16	337.5° - 360.0°	75	-6	-9

Model:Blanes (CW)
Tester:Sergio Carneros
Temperature:25Deg
Manufacturer:Luz Negra

Number: 33.330
Date:2025-05-22 15:55:53
Humidity:40%
Remarks:100cm de tira flexible