

ALTA LUMINOSIDAD

Ref: 33.198	6.000°K
Ref: 33.196	5.000°K
Ref: 33.001	4.000°K
Ref: 33.002	2.700°K

Tira flexible serie "PRO" de alta potencia.

IP20 con 192 leds/metro 3040SMD.

Imprescindible el uso de un perfil de aluminio para disipación y cinta transmisora de temperatura.

PCB 10mm

Uso diario máximo recomendado: 10h

Conexión máxima en circuito abierto: 3m

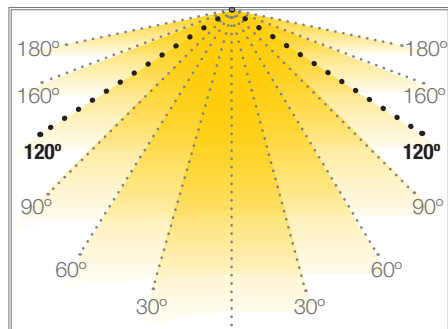
Conexión máxima en circuito cerrado: 6m

Vida útil: 30.000h*

*En función de la disipación del perfil, de las horas diarias trabajadas y de la temperatura externa ambiental de trabajo.

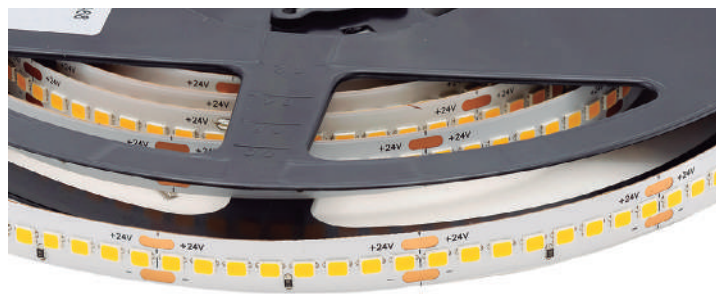
Perfiles recomendados:

Múnich mini, Múnich slim, Múnich magnum slim, Múnich, Múnich magnum, Sicilia, Liverpool, Gales slim, Gales, Gales con óptica, Gales con bandeja retranqueada, Gales con bandeja y celosía, Bruselas, Gales asimétrico, París XL, Moscú mini, Moscú slim, Moscú, Moscú magnum, krakovia slim, Moscú magnum Slim, krakovia, krakovia con óptica, krakovia con bandeja retranqueada, krakovia con bandeja y celosía, andorra, krakovia asimétrico.



CÓRDOBA

TIRAS FLEXIBLES



potencia



120°



voltaje



IP20



41 mm



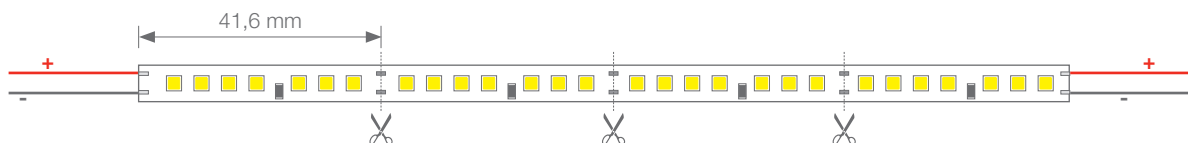
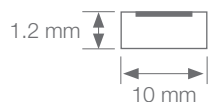
interior



trabajo

Potencia (W)	40W/m
Voltaje (V)	24V
Tipo Led	SMD3040
Lumens (6.000°K)	5.169 Lm/m
Lumens (5.000°K)	5.398 Lm/m
Lumens (4.000°K)	5.322 Lm/m
Lumens (2.700°K)	4.668 Lm/m
CRI	>80
Emisión de luz	120°
Estanqueidad (IP)	IP20
Nº leds/m	192
Medidas	3000x10x1.2mm
Cortable	cada 41,6mm
PCB	10mm
Temperatura trabajo	-20°C / +45°C
Apto para	interior
Embalaje	1 rollo/3m
Garantía	3 años

Aprobado por: 

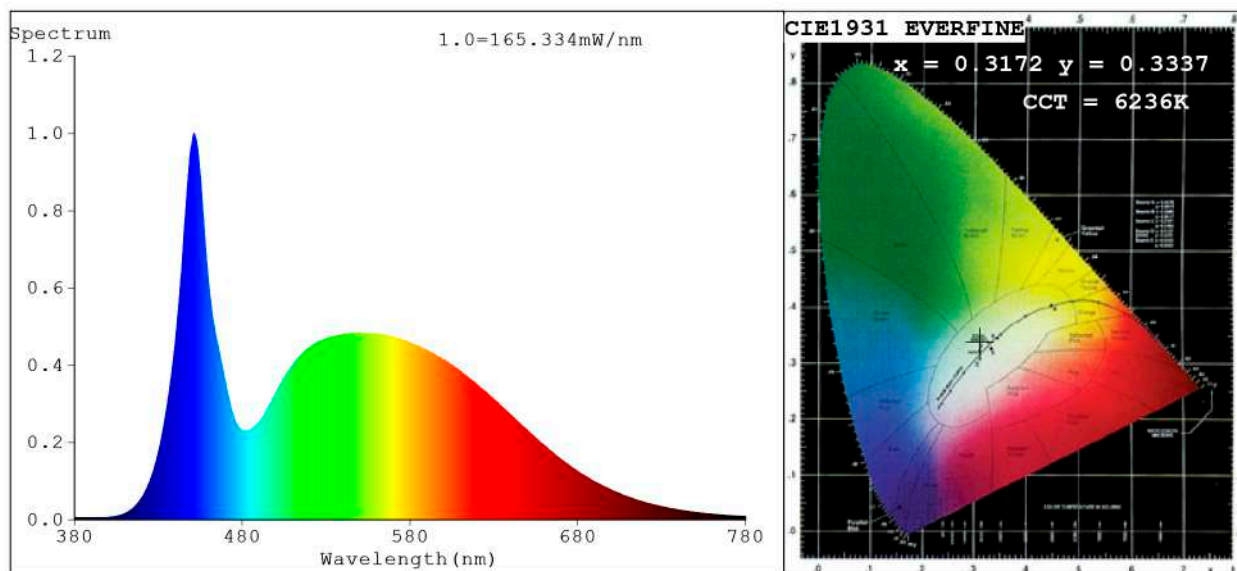


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Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3172$ $y=0.3337$ $u'=0.1992$ $v'=0.4715$

CCT=6236K (Duv=0.0034) Dominant WL:Ld =492.0nm Purity=5.4%

Ratio:R=13.9% G=80.7% B=5.3%; Peak WL:Lp=451.2nm FWHM=22.2nm

Render Index:Ra=84.6 CRI=78.1 TM30:Rf=83 Rg=96

R1 =83 R2 =88 R3 =89 R4 =85 R5 =84 R6 =82 R7 =90

R8 =76 R9 =25 R10=69 R11=84 R12=60 R13=84 R14=94 R15=80

Photo Parameters:

Flux = 5169 lm Eff. : 131.48 lm/W Fe = 17.16 W Scotopic:11357 S/P:2.197

Electrical parameters:

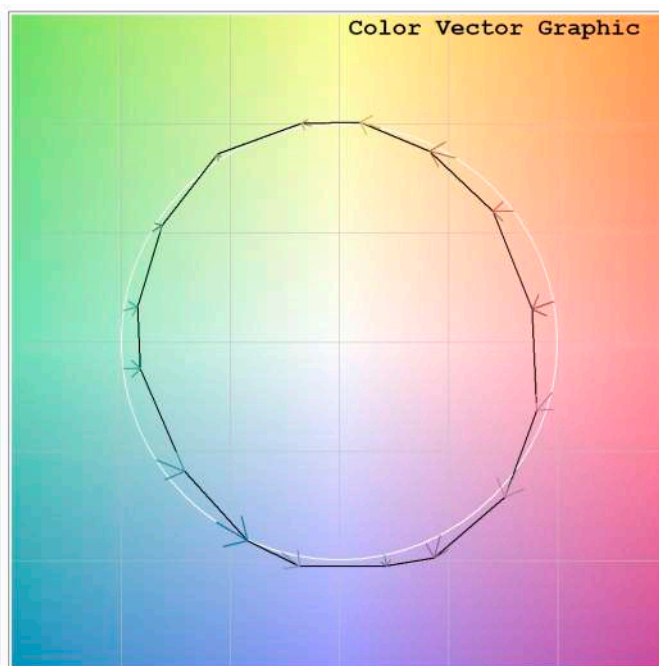
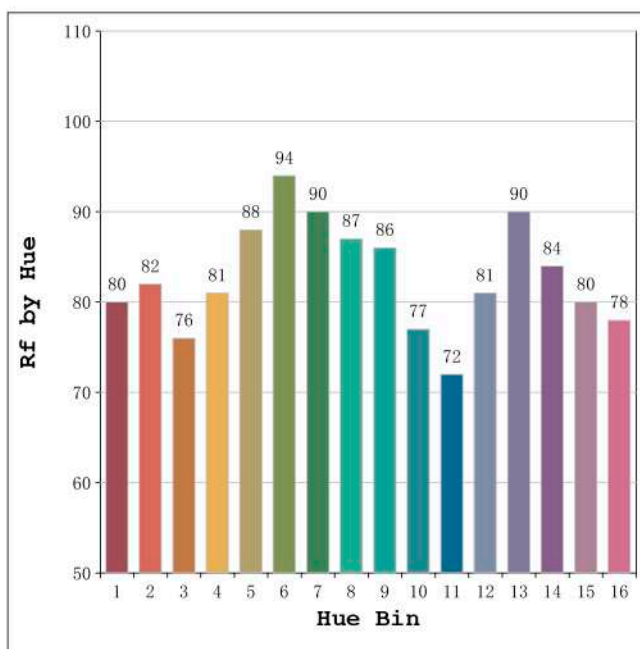
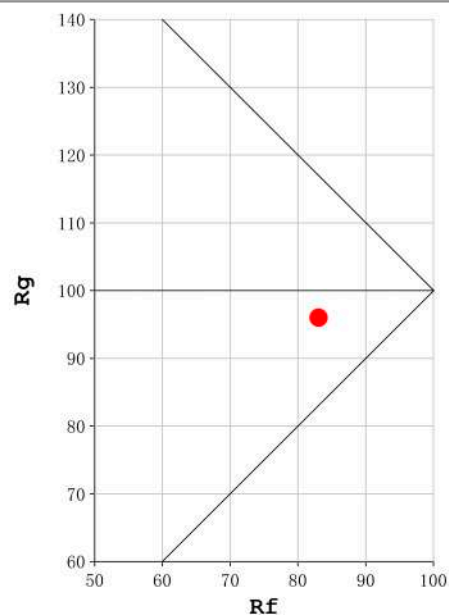
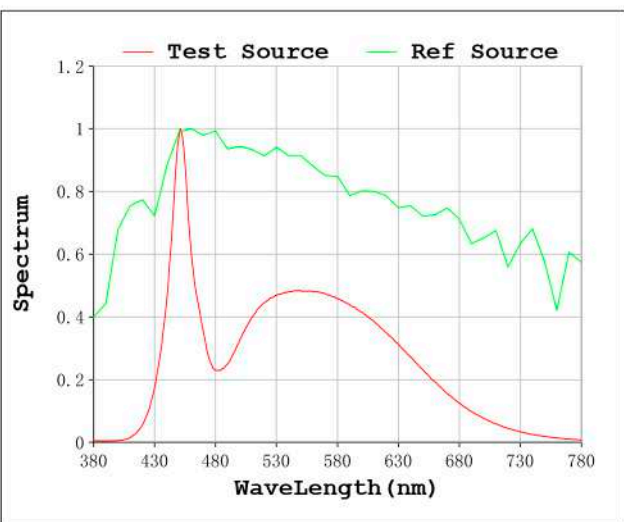
V = 24.198 V I = 1.625 A P = 39.32 W PF = 1.000

Status: Integral T = 219 ms Ip = 55939 (85%)

Model:Ecoled Córdoba 6000K
Tester:Sergio Carneros
Temperature:25Deg
Manufacturer:Luz Negra S.L

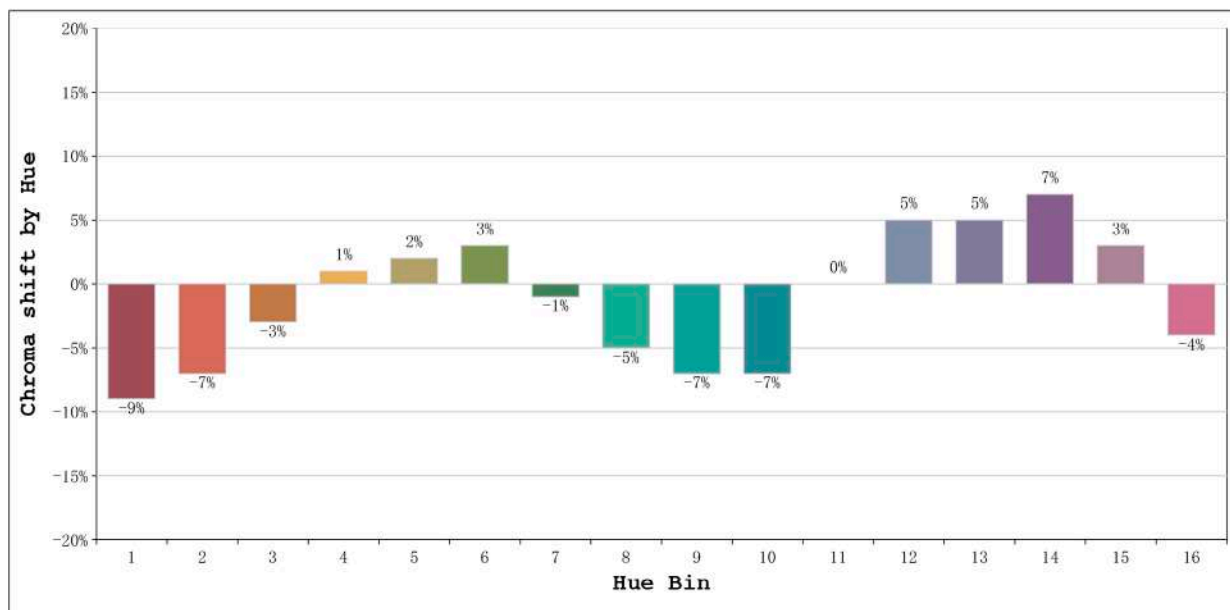
Number: 33.198
Date:2021-09-09 11:35:06
Humidity:57%
Remarks:100cm de tira flexible

Rf: 83 CCT: 6236 K u': 0.1992
Rg: 96 Duv: 0.0034 v': 0.4715



Model:Ecoled Córdoba 6000K
Tester:Sergio Carneros
Temperature:25Deg
Manufacturer:Luz Negra S.L

Number: 33.198
Date:2021-09-09 11:35:06
Humidity:57%
Remarks:100cm de tira flexible

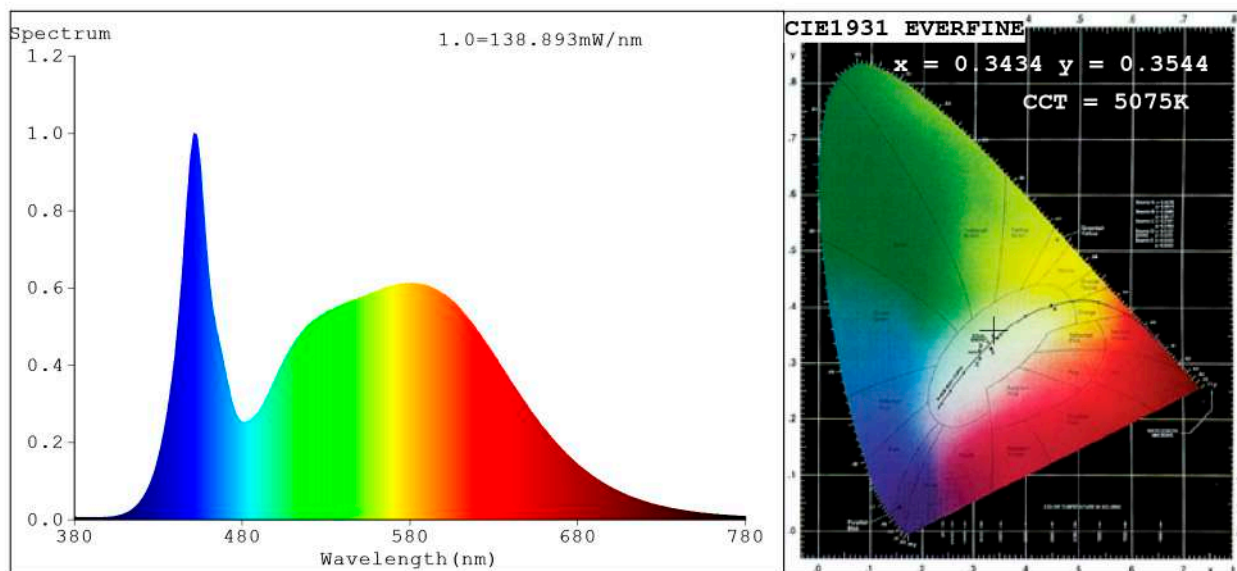


			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° - 22.5°	80	-9	-1
2	22.5° - 45.0°	82	-7	5
3	45.0° - 67.5°	76	-3	11
4	67.5° - 90.0°	81	1	9
5	90.0° - 112.5°	88	2	5
6	112.5° - 135.0°	94	3	-1
7	135.0° - 157.5°	90	-1	-4
8	157.5° - 180.0°	87	-5	-2
9	180.0° - 202.5°	86	-7	2
10	202.5° - 225.0°	77	-7	12
11	225.0° - 247.5°	72	0	17
12	247.5° - 270.0°	81	5	10
13	270.0° - 292.5°	90	5	0
14	292.5° - 315.0°	84	7	-7
15	315.0° - 337.5°	80	3	-12
16	337.5° - 360.0°	78	-4	-8

Model:Ecoled Córdoba 6000K
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra S.L

Number: 33.198
 Date:2021-09-09 11:35:06
 Humidity:57%
 Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3434$ $y=0.3544$ $u'=0.2092$ $v'=0.4858$
 CCT=5075K (Duv=0.0021) Dominant WL:Ld =569.5nm Purity=9.4%
 Ratio:R=15.6% G=79.8% B=4.6%; Peak WL:Lp=451.5nm FWHM=22.8nm
 Render Index:Ra=83.3 CRI=76.6 TM30:Rf=82 Rg=95
 R1 =82 R2 =88 R3 =92 R4 =83 R5 =82 R6 =84 R7 =87
 R8 =68 R9 =11 R10=71 R11=82 R12=62 R13=83 R14=96 R15=77

Photo Parameters:

Flux = 5398 lm Eff. : 138.68 lm/W Fe = 17.00 W Scotopic:10635 S/P:1.9702

Electrical parameters:

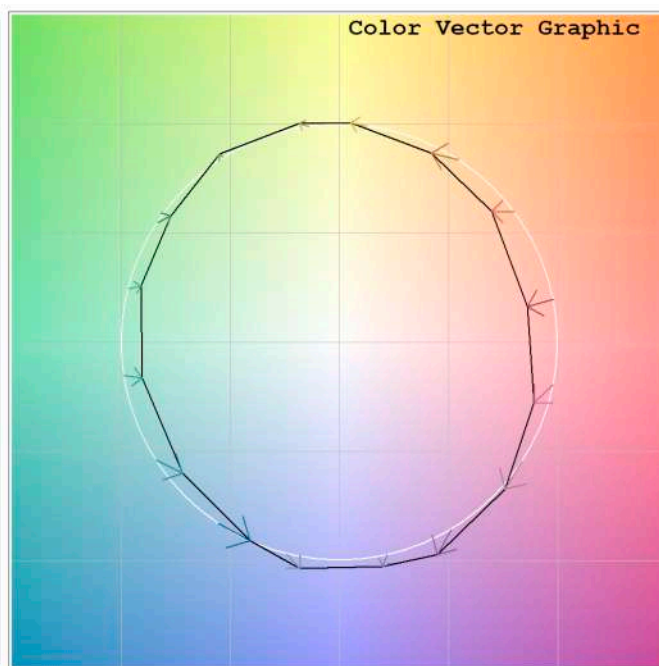
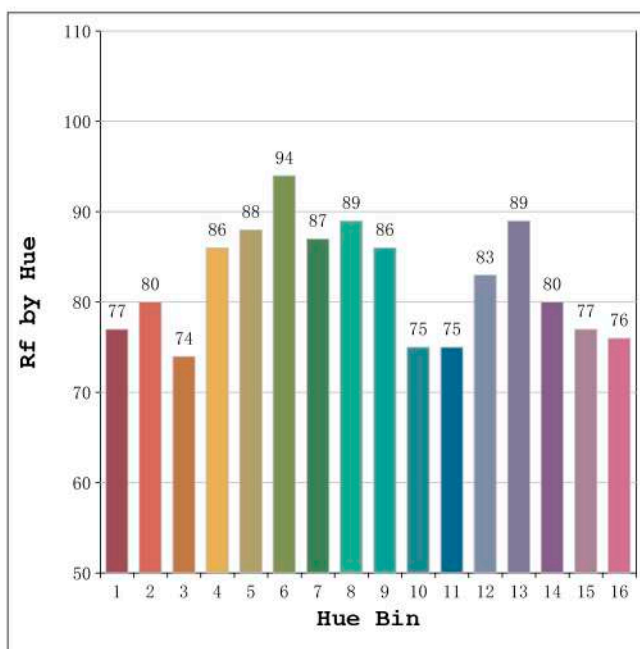
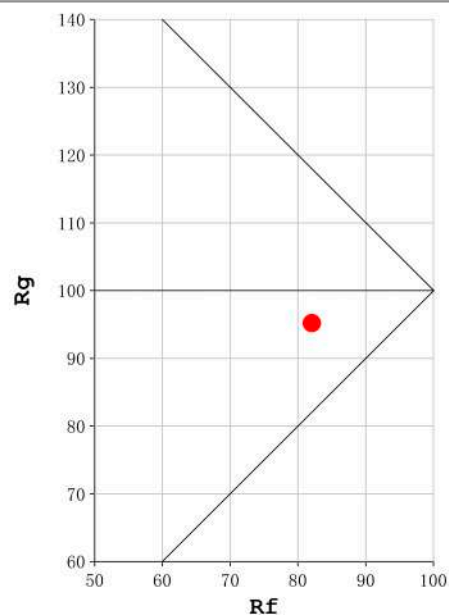
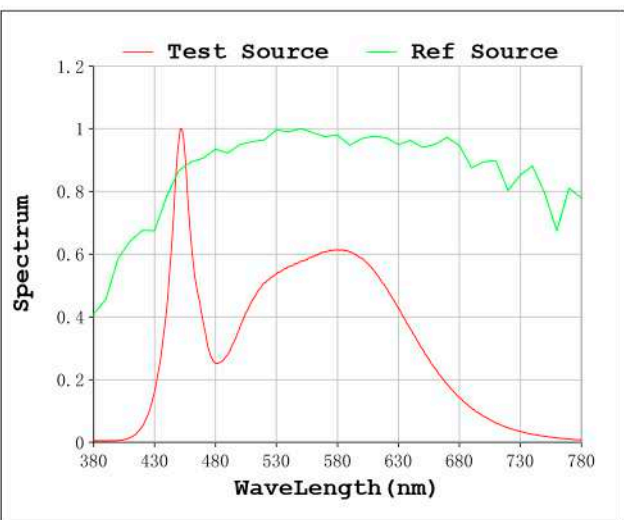
V = 24.198 V I = 1.609 A P = 38.92 W PF = 1.000

Status: Integral T = 219 ms Ip = 47663 (73%)

Model:Ecoled Córdoba 5000K
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra S.L

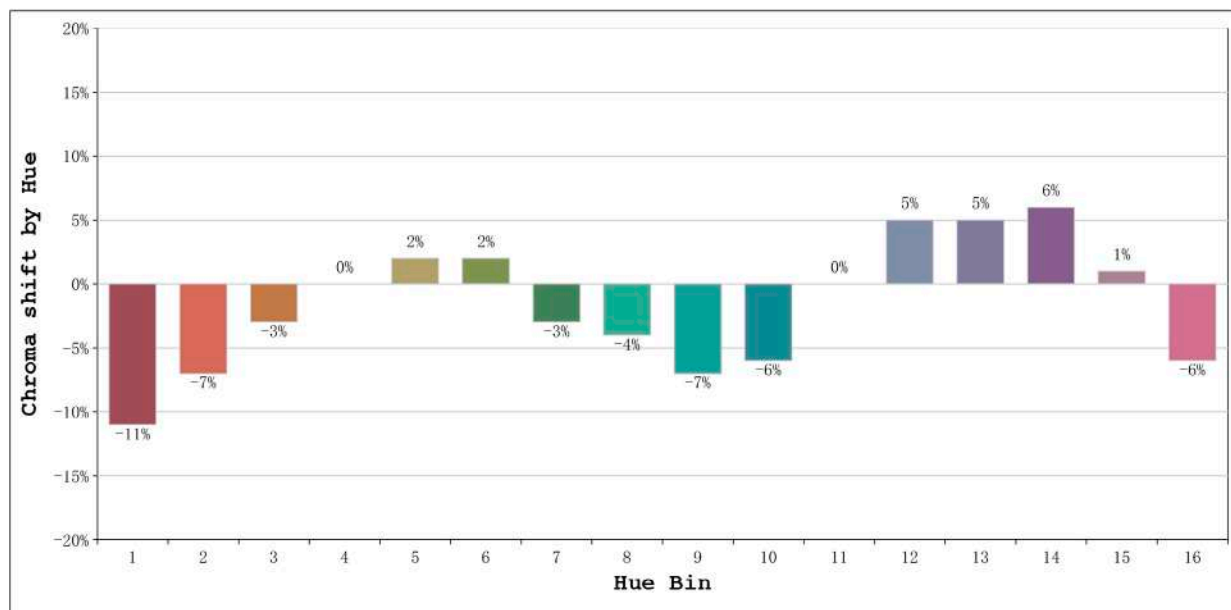
Number: 33.196
 Date:2021-09-09 11:20:17
 Humidity:57%
 Remarks:100cm de tira flexible

Rf: 82 CCT: 5075 K u': 0.2092
Rg: 95 Duv: 0.0021 v': 0.4858



Model:Ecoled Córdoba 5000K
Tester:Sergio Carneros
Temperature:25Deg
Manufacturer:Luz Negra S.L

Number: 33.196
Date:2021-09-09 11:20:17
Humidity:57%
Remarks:100cm de tira flexible

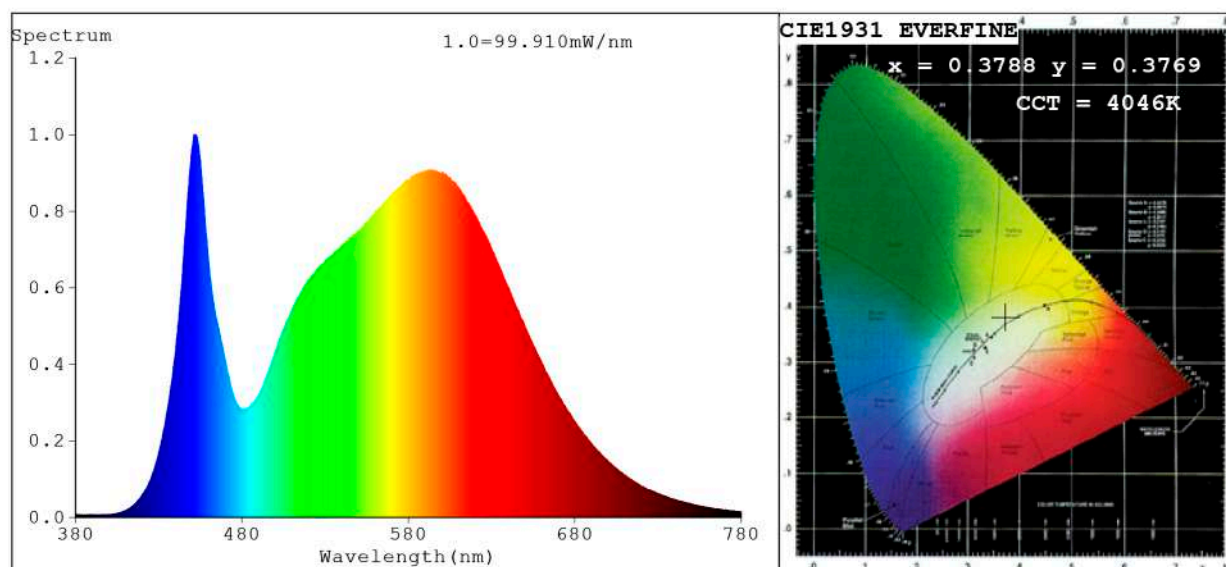


Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	77	-11	0
2	22.5° - 45.0°	80	-7	6
3	45.0° - 67.5°	74	-3	12
4	67.5° - 90.0°	86	0	8
5	90.0° - 112.5°	88	2	4
6	112.5° - 135.0°	94	2	-1
7	135.0° - 157.5°	87	-3	-5
8	157.5° - 180.0°	89	-4	-1
9	180.0° - 202.5°	86	-7	3
10	202.5° - 225.0°	75	-6	12
11	225.0° - 247.5°	75	0	17
12	247.5° - 270.0°	83	5	7
13	270.0° - 292.5°	89	5	-2
14	292.5° - 315.0°	80	6	-11
15	315.0° - 337.5°	77	1	-14
16	337.5° - 360.0°	76	-6	-9

Model:Ecoled Córdoba 5000K
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra S.L

Number: 33.196
 Date:2021-09-09 11:20:17
 Humidity:57%
 Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3788$ $y=0.3769$ $u'=0.2240$ $v'=0.5014$

CCT=4046K (Duv=0.0006) Dominant WL:Ld =578.6nm Purity=26.8%

Ratio:R=18.2% G=78.1% B=3.7%; Peak WL:Lp=451.2nm FWHM=24.1nm

Render Index:Ra=83.7 CRI=77.4 TM30:Rf=83 Rg=96

R1 =82 R2 =89 R3 =94 R4 =83 R5 =82 R6 =85 R7 =87

R8 =67 R9 =15 R10=74 R11=81 R12=62 R13=84 R14=97 R15=77

Photo Parameters:

Flux = 5322 lm Eff. : 137.80 lm/W Fe = 16.49 W Scotopic:9064.1 S/P:1.7031

Electrical parameters:

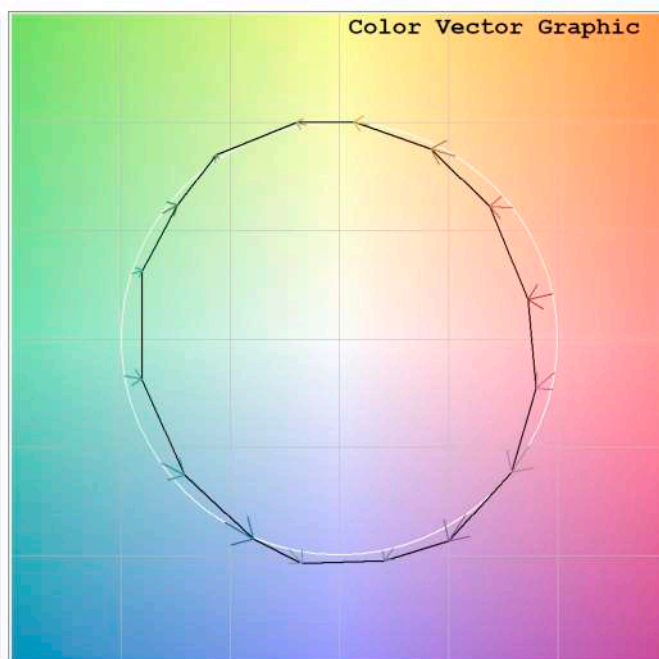
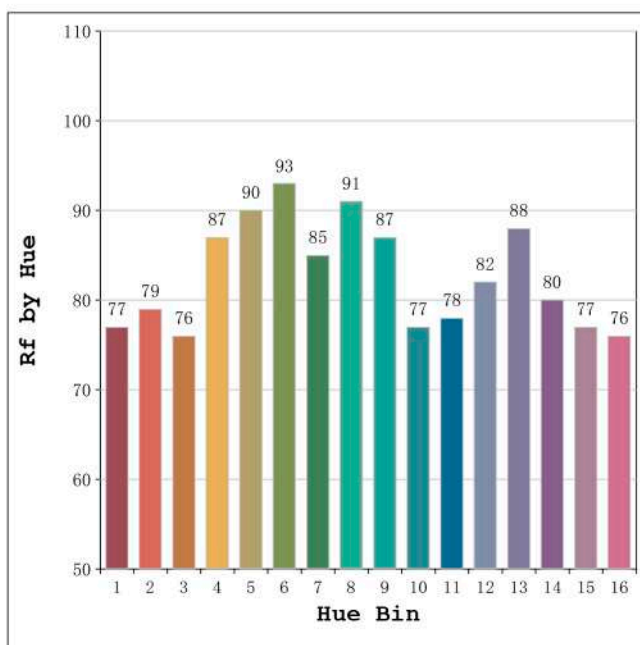
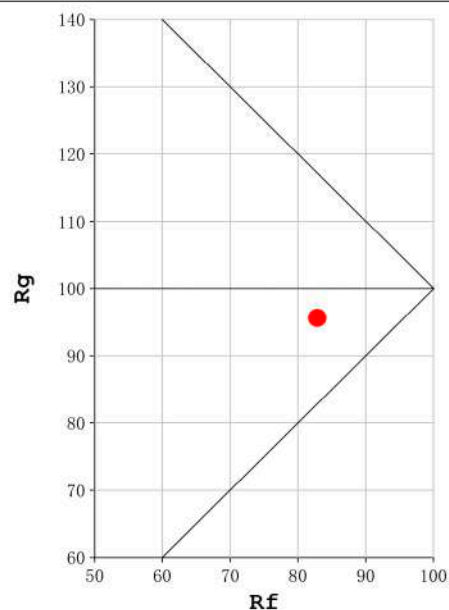
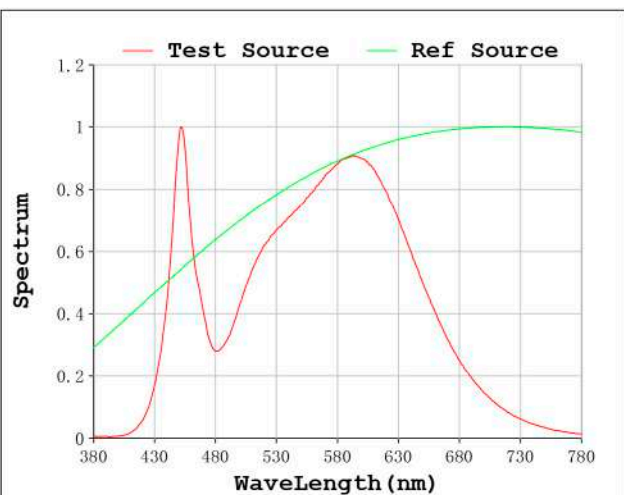
V = 24.198 V I = 1.596 A P = 38.62 W PF = 1.000

Status: Integral T = 219 ms Ip = 43060 (66%)

Model:Ecoled Córdoba 4000K
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra S.L

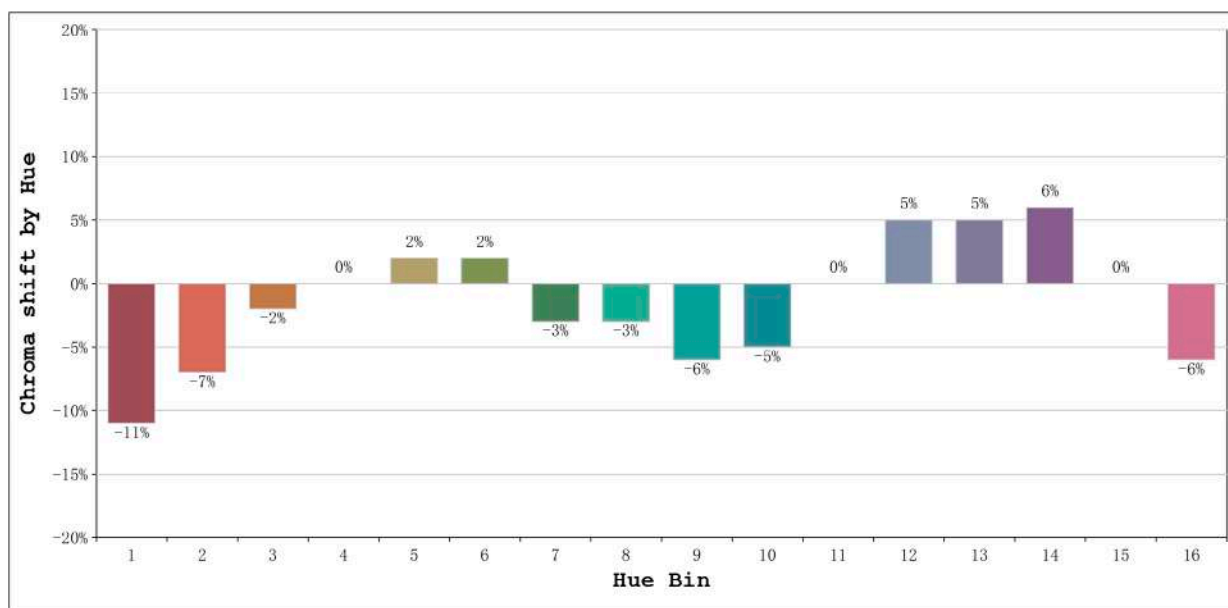
Number: 33.001
 Date:2021-09-09 10:59:44
 Humidity:57%
 Remarks:100cm de tira flexible

Rf: 83 CCT: 4046 K u': 0.2240
Rg: 96 Duv: 0.0006 v': 0.5014



Model:Ecoled Córdoba 4000K
Tester:Sergio Carneros
Temperature:25Deg
Manufacturer:Luz Negra S.L

Number: 33.001
Date:2021-09-09 10:59:44
Humidity:57%
Remarks:100cm de tira flexible

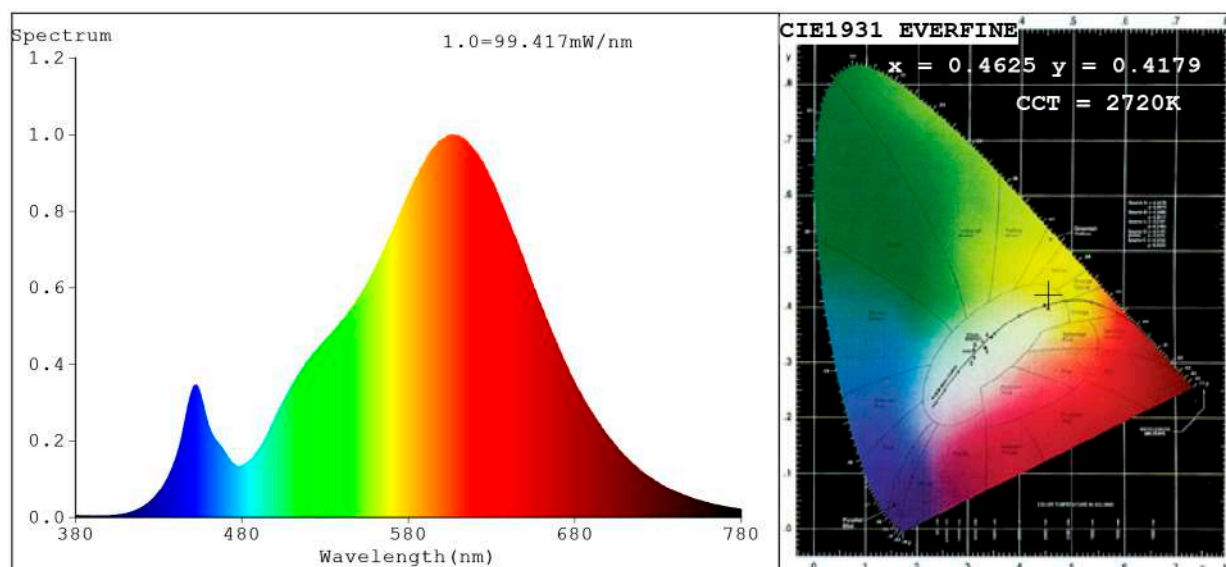


			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° - 22.5°	77	-11	0
2	22.5° - 45.0°	79	-7	6
3	45.0° - 67.5°	76	-2	11
4	67.5° - 90.0°	87	0	7
5	90.0° - 112.5°	90	2	4
6	112.5° - 135.0°	93	2	-1
7	135.0° - 157.5°	85	-3	-6
8	157.5° - 180.0°	91	-3	-1
9	180.0° - 202.5°	87	-6	3
10	202.5° - 225.0°	77	-5	10
11	225.0° - 247.5°	78	0	15
12	247.5° - 270.0°	82	5	7
13	270.0° - 292.5°	88	5	-4
14	292.5° - 315.0°	80	6	-12
15	315.0° - 337.5°	77	0	-14
16	337.5° - 360.0°	76	-6	-8

Model:Ecoled Córdoba 4000K
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra S.L

Number: 33.001
 Date:2021-09-09 10:59:44
 Humidity:57%
 Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4625$ $y=0.4179$ $u'=0.2609$ $v'=0.5305$

$CCT=2720K$ ($Duv=0.0024$) Dominant WL: $Ld = 583.3nm$ Purity=64.3%

Ratio: $R=24.7\%$ $G=73.4\%$ $B=1.9\%$; Peak WL: $Lp=606.5nm$ FWHM=126.9nm

Render Index: $Ra=82.2$ CRI=76.6 TM30: $Rf=83$ $Rg=95$

$R1 = 80$ $R2 = 89$ $R3 = 98$ $R4 = 80$ $R5 = 80$ $R6 = 87$ $R7 = 84$

$R8 = 60$ $R9 = 10$ $R10=76$ $R11=79$ $R12=69$ $R13=82$ $R14=99$ $R15=73$

Photo Parameters:

Flux = 4668 lm Eff. : 125.34 lm/W $Fe = 14.60$ W Scotopic: 5537.9 S/P: 1.1864

Electrical parameters:

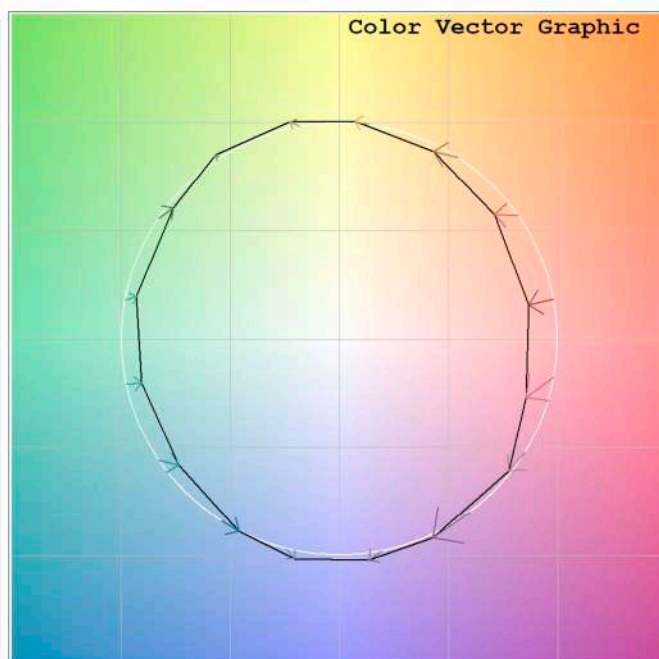
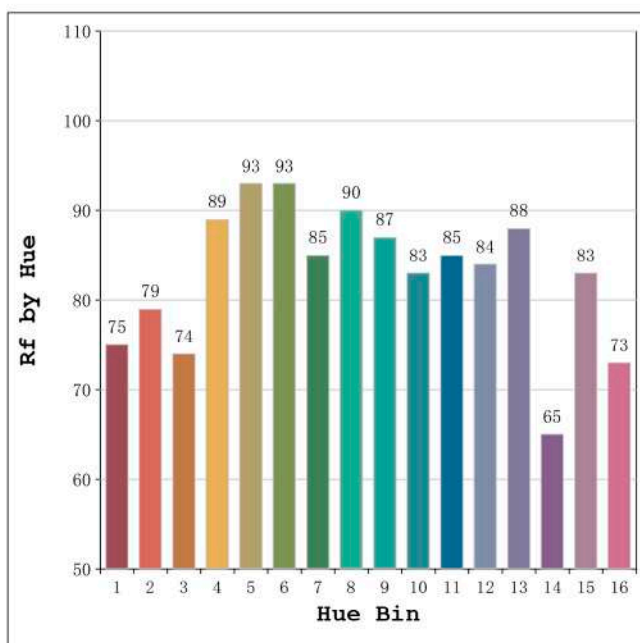
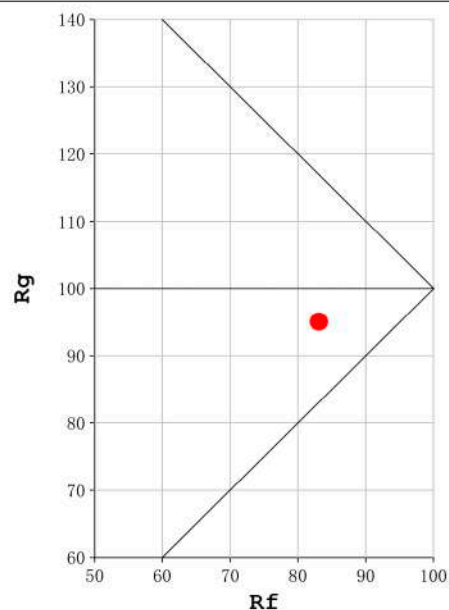
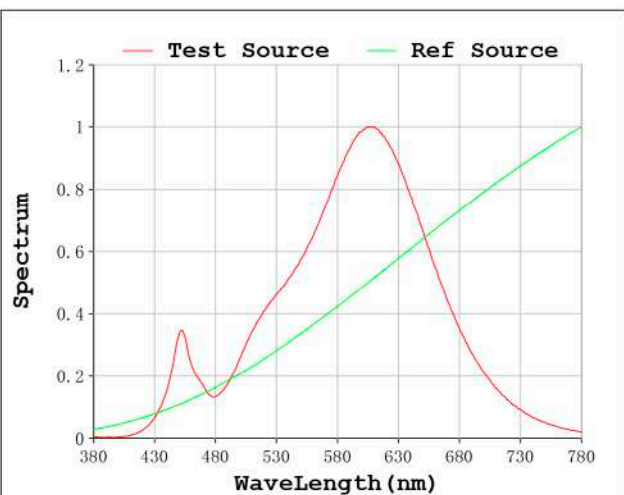
$V = 24.198$ V $I = 1.539$ A $P = 37.24$ W PF = 1.000

Status: Integral $T = 219$ ms $Ip = 45844$ (70%)

Model: Ecoled Córdoba 2700K
 Tester: Sergio Carneros
 Temperature: 25Deg
 Manufacturer: Luz Negra S.L

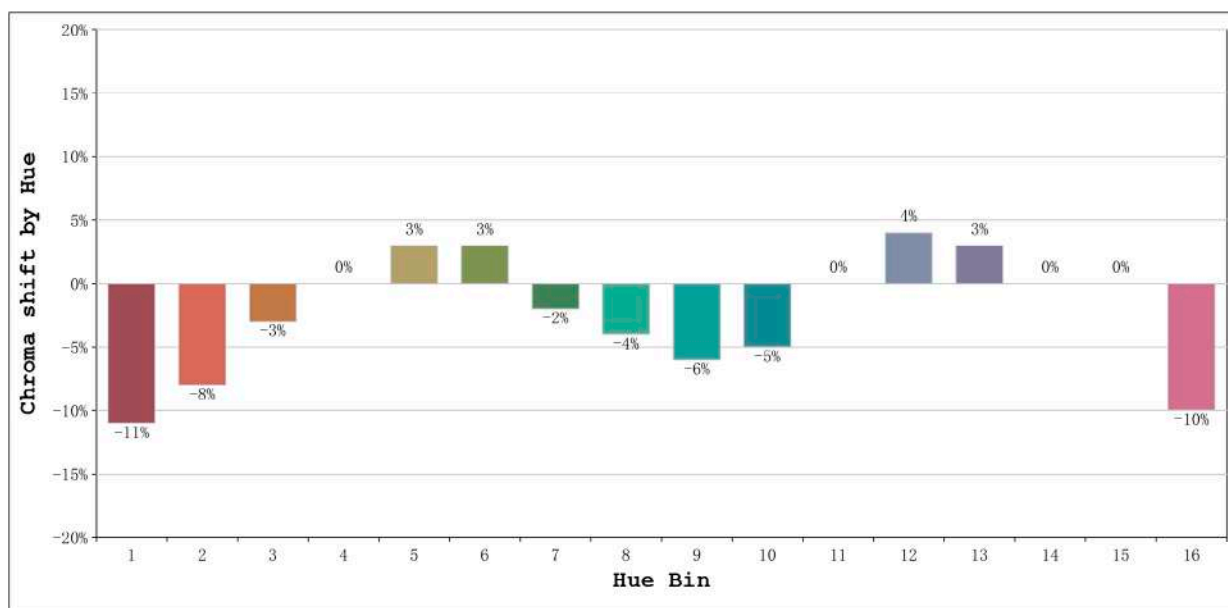
Number: 33.002
 Date: 2021-09-09 11:13:04
 Humidity: 57%
 Remarks: 100cm de tira flexible

Rf: 83 CCT: 2720 K u': 0.2609
Rg: 95 Duv: 0.0024 v': 0.5305



Model:Ecoled Córdoba 2700K
Tester:Sergio Carneros
Temperature:25Deg
Manufacturer:Luz Negra S.L

Number: 33.002
Date:2021-09-09 11:13:04
Humidity:57%
Remarks:100cm de tira flexible



Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	75	-11	0
2	22.5° - 45.0°	79	-8	7
3	45.0° - 67.5°	74	-3	11
4	67.5° - 90.0°	89	0	7
5	90.0° - 112.5°	93	3	4
6	112.5° - 135.0°	93	3	0
7	135.0° - 157.5°	85	-2	-7
8	157.5° - 180.0°	90	-4	-2
9	180.0° - 202.5°	87	-6	1
10	202.5° - 225.0°	83	-5	7
11	225.0° - 247.5°	85	0	9
12	247.5° - 270.0°	84	4	4
13	270.0° - 292.5°	88	3	-6
14	292.5° - 315.0°	65	0	-20
15	315.0° - 337.5°	83	0	-10
16	337.5° - 360.0°	73	-10	-11

Model:Ecoled Córdoba 2700K
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra S.L

Number: 33.002
 Date:2021-09-09 11:13:04
 Humidity:57%
 Remarks:100cm de tira flexible