

MEDIUM BRIGHTNESS

Ref: 32.060
Ref: 32.059

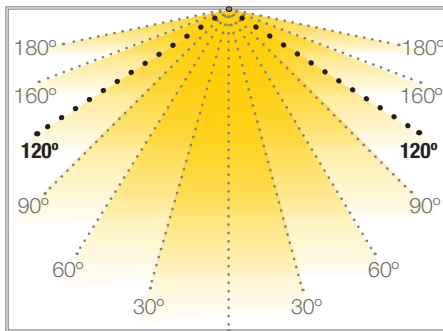
8200°K
4400°K

Single-coloured "PRO" flexible strip
IP20 with 198 leds/metre 3014SMD.
Requires use with led profile to permit dissipation.

4mm PCB

Daily recommended use: 12h
Maximum connection in open circuit: 3m
Maximum connection in closed circuit: 6m
Estimated lifespan: 50000h *

* Depending on the dissipation of the profile, the daily working hours and the external environmental working temperature



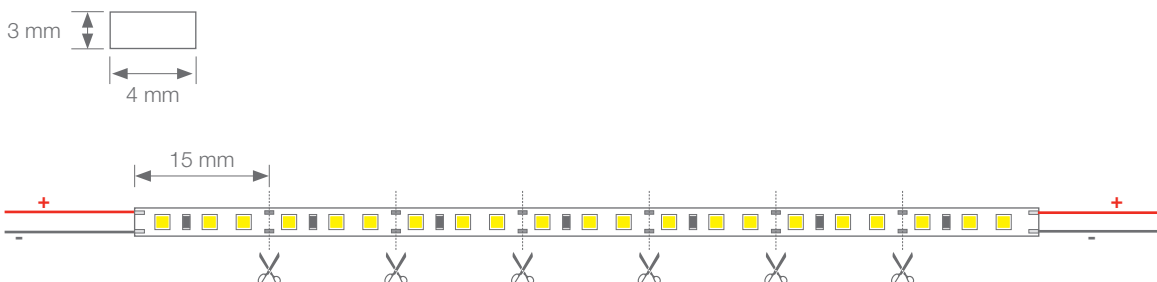
FORMENTERA

FLEXIBLE STRIP

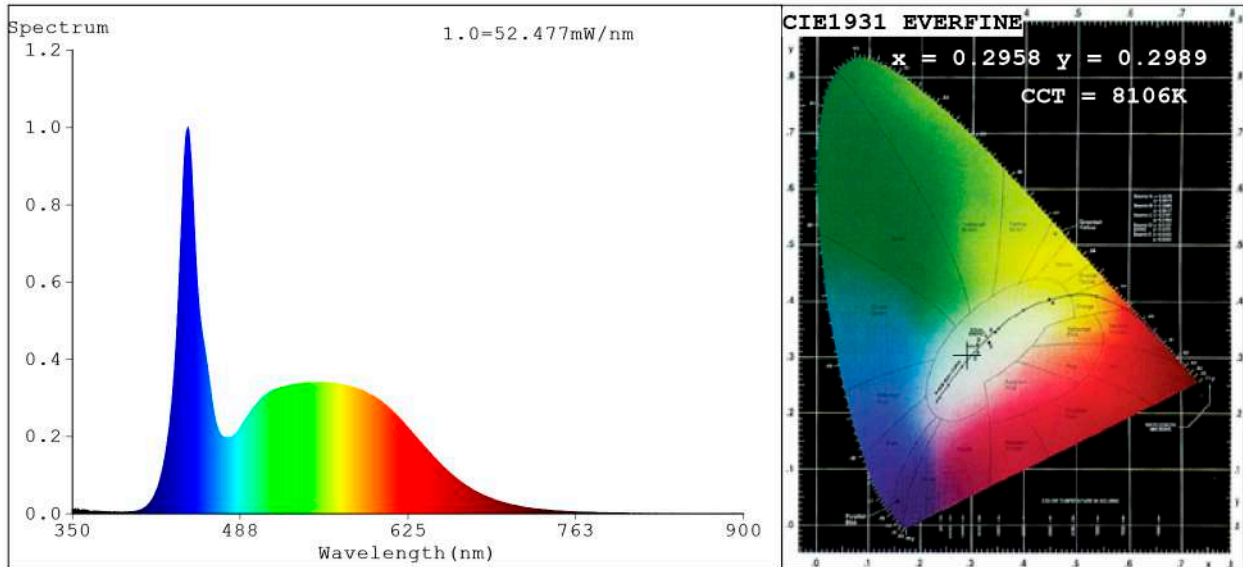


Power (W)	15W/m
Voltage (V)	12V
Led type	SMD3010
Lumens (6000°K)	1250 Lm/m
Lumens (2800°K)	1300 Lm/m
CRI	>75
Light emission	120°
Waterproofing	IP20
N° leds/m	98
Measurements	5000x4x3mm
Cuttable	every 15mm
PCB	4mm
Working temperature	-20°C / +40°C
Apt for	indoor
Packaging	1 roll/5m
Guarantee	3 years

Aprobado por: 



Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2958$ $y=0.2989$ / $u'=0.1973$ $v'=0.4487$
 CCT=8106K (Duv=-0.0035) Dominant WL:Ld =478.5nm Purity=15.9%
 Ratio:R=13.2% G=80.6% B=6.2%; Peak WL:Lp=444.7nm FWHM=19.1nm
 Render Index:Ra=85.4 CRI=79.9 TM30:Rf=81 Rg=99
 R1 =87 R2 =87 R3 =85 R4 =88 R5 =88 R6 =82 R7 =87
 R8 =79 R9 =31 R10=67 R11=90 R12=68 R13=86 R14=92 R15=85

Photo Parameters:

Flux = 1178 lm Eff. : 99.08 lm/W Fe = 4.133 W Scotopic:2835.6 S/P:2.4071

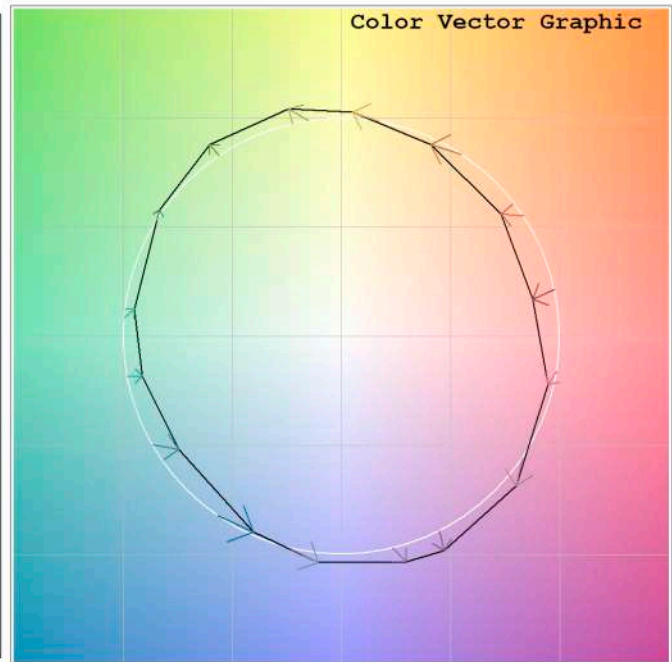
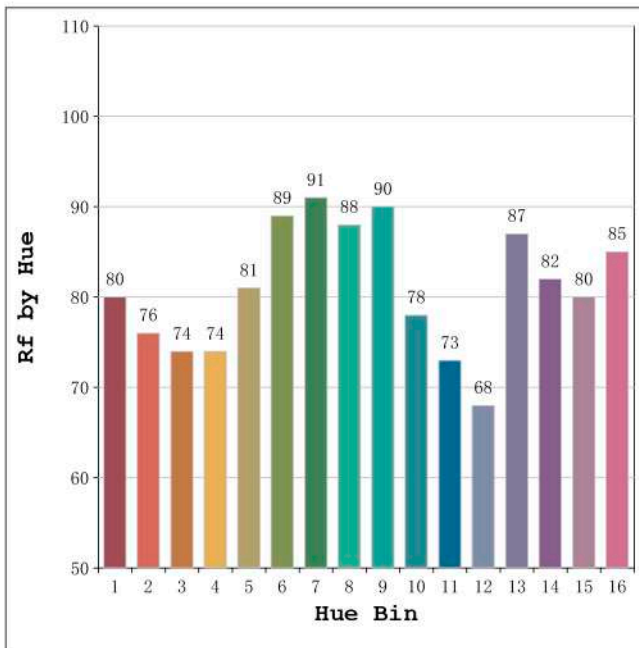
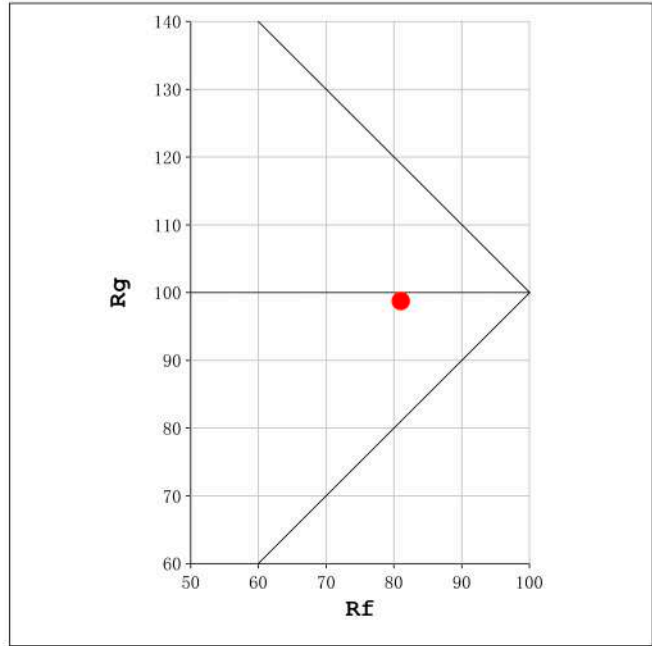
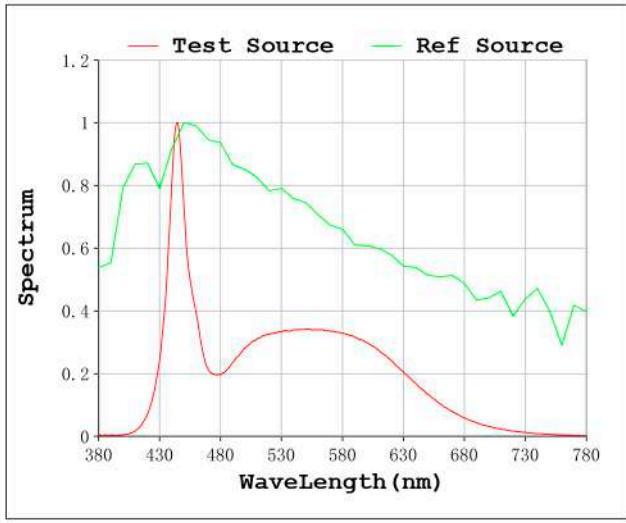
Electrical parameters:

V = 11.998 V I = 0.9909 A P = 11.89 W PF = 1.000

Status: Integral T = 419 ms Ip = 36229 (55%)

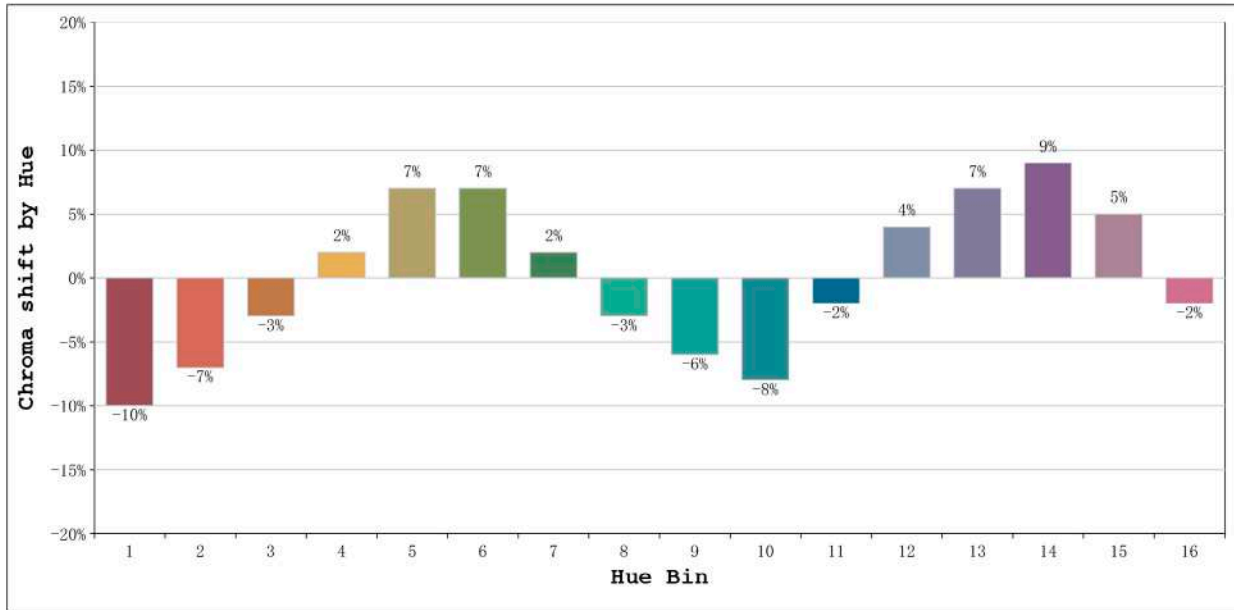
Model:Ecoled Formentera 8200K	Number: 32.060
Tester:Sergio Carneros	Date:25-5-2021
Temperature:20Deg	Humidity:57%
Manufacturer:Luz Negra	Remarks:100cm de tira flexible

Rf: 81 CCT: 8106 K u': 0.1973
Rg: 99 Duv: -0.0035 v': 0.4487



Model:Ecoled Formentera 8200K
Tester:Sergio Carneros
Temperature:20Deg
Manufacturer:Luz Negra

Number: 32.060
Date:25-5-2021
Humidity:57%
Remarks:100cm de tira flexible

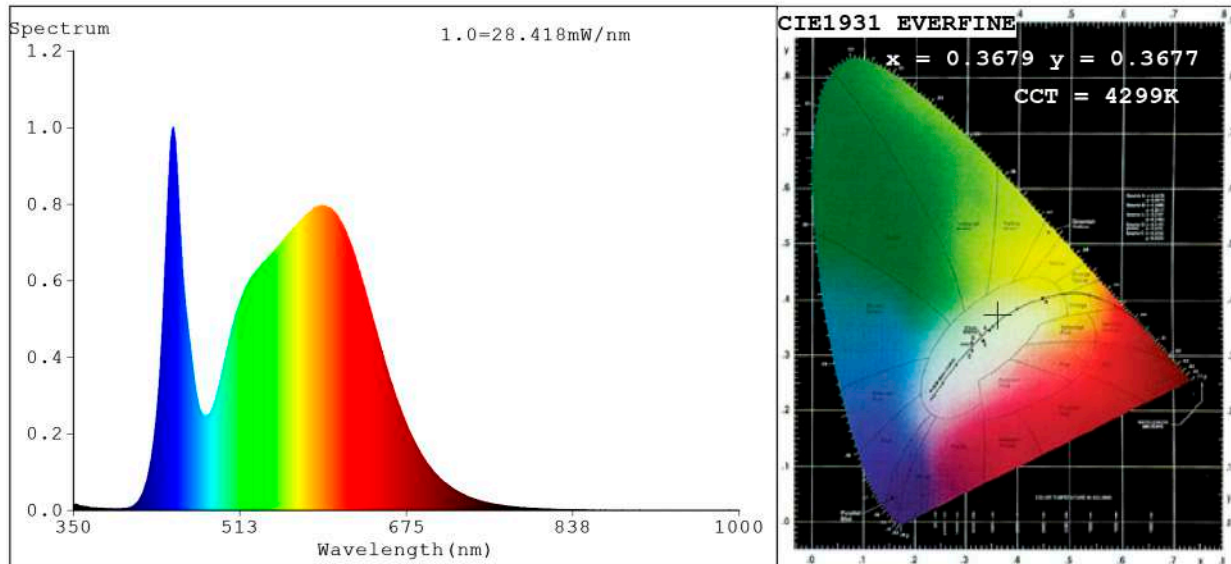


Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	80	-10	-1
2	22.5° - 45.0°	76	-7	6
3	45.0° - 67.5°	74	-3	14
4	67.5° - 90.0°	74	2	13
5	90.0° - 112.5°	81	7	8
6	112.5° - 135.0°	89	7	1
7	135.0° - 157.5°	91	2	-3
8	157.5° - 180.0°	88	-3	-4
9	180.0° - 202.5°	90	-6	1
10	202.5° - 225.0°	78	-8	8
11	225.0° - 247.5°	73	-2	18
12	247.5° - 270.0°	68	4	14
13	270.0° - 292.5°	87	7	5
14	292.5° - 315.0°	82	9	-2
15	315.0° - 337.5°	80	5	-11
16	337.5° - 360.0°	85	-2	-6

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 Tester:Sergio Carneros
 Temperature:20Deg
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Number: 32.060
 Date:25-5-2021
 Humidity:57%
 Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3679$ $y=0.3677$ / $u'=0.2204$ $v'=0.4957$
 CCT=4299K(Duv=-0.0004) Dominant WL:Ld =578.1nm Purity=20.7%
 Ratio:R=17.7% G=78.6% B=3.7%; Peak WL:Lp=447.7nm FWHM=23.7nm
 Render Index:Ra=83.9 CRI=77.6 TM30:Rf=83 Rg=97
 R1 =83 R2 =88 R3 =92 R4 =84 R5 =83 R6 =84 R7 =88
 R8 =70 R9 =17 R10=71 R11=84 R12=64 R13=84 R14=95 R15=78

Photo Parameters:

Flux = 1372 lm Eff. : 101.49 lm/W Fe = 4.267 W Scotopic:2414.8 S/P:1.7599

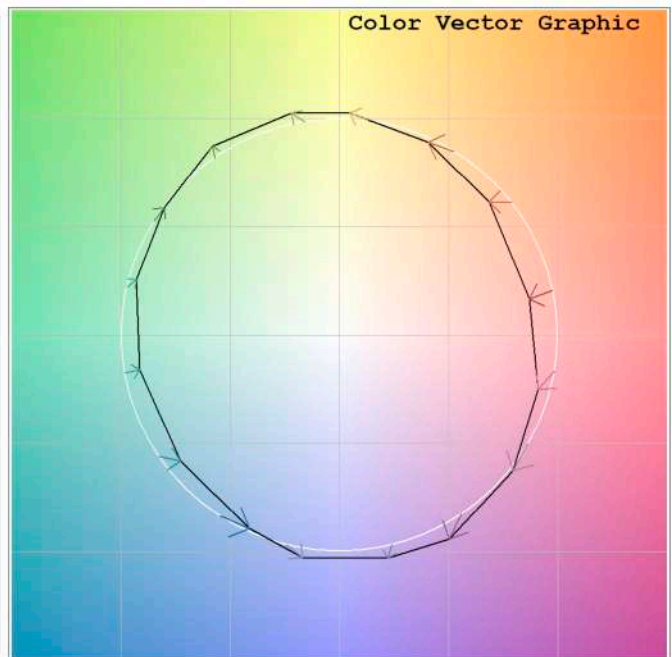
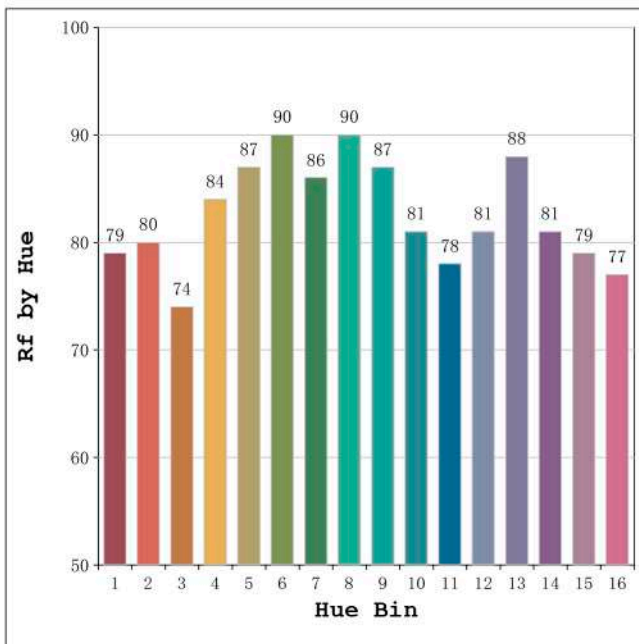
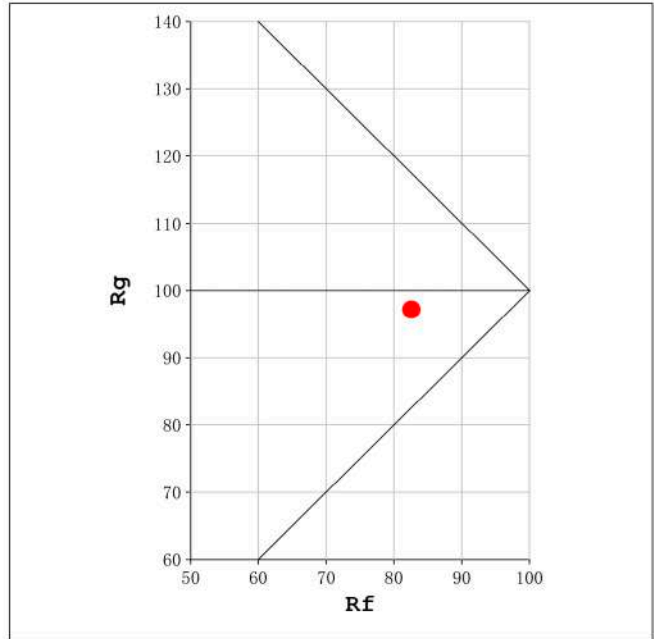
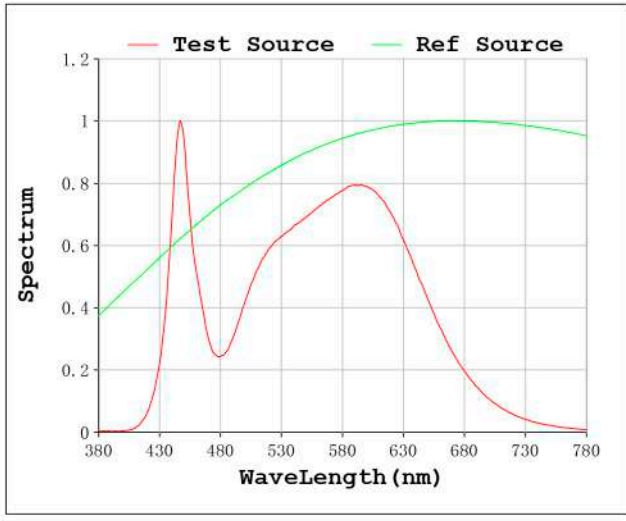
Electrical parameters:

V = 11.998 V I = 1.127 A P = 13.52 W PF = 1.000

Status: Integral T = 1000 ms Ip = 44174 (67%)

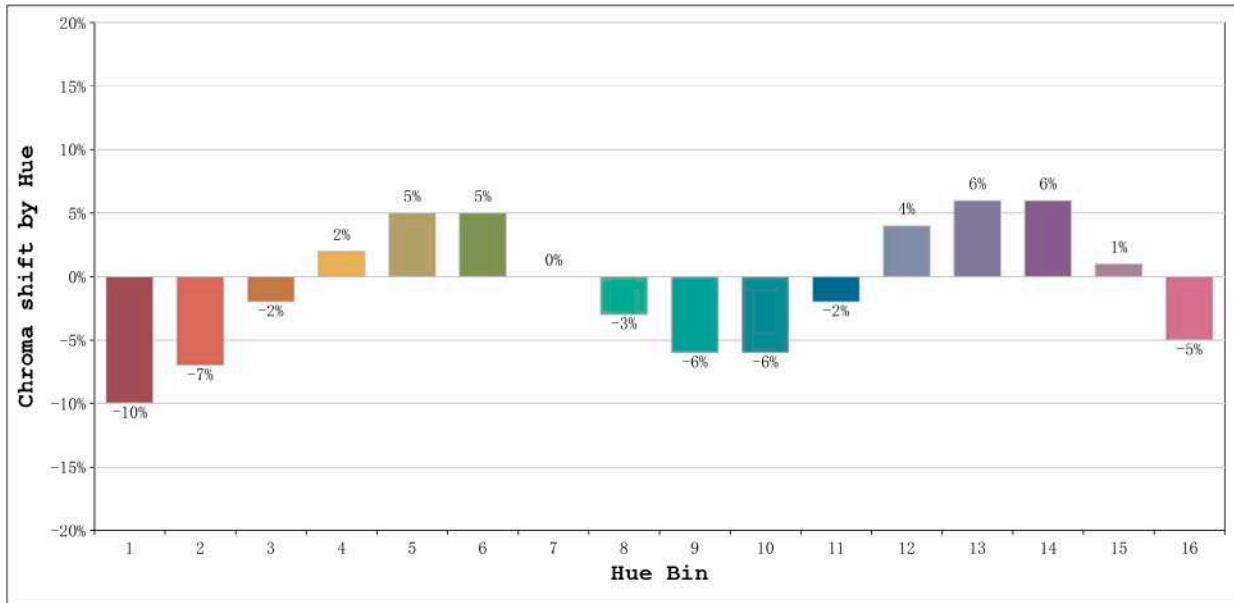
Model:Ecoled Formentera 4400K	Number: 32.059
Tester:Sergio Carneros	Date:25-5-2021
Temperature:21Deg	Humidity:57%
Manufacturer:Luz Negra S.L	Remarks:100cm de tira flexible

Rf: 83 CCT: 4299 K u': 0.2204
Rg: 97 Duv: -0.0004 v': 0.4957



Model:Ecoled Formentera 4400K
Tester:Sergio Carneros
Temperature:21Deg
Manufacturer:Luz Negra S.L

Number: 32.059
Date:25-5-2021
Humidity:57%
Remarks:100cm de tira flexible



Hue Bin	Hue Angle	Rf	Graphic shift (%)	
			Chroma	Hue
1	0.0° - 22.5°	79	-10	-1
2	22.5° - 45.0°	80	-7	6
3	45.0° - 67.5°	74	-2	12
4	67.5° - 90.0°	84	2	9
5	90.0° - 112.5°	87	5	5
6	112.5° - 135.0°	90	5	-1
7	135.0° - 157.5°	86	0	-7
8	157.5° - 180.0°	90	-3	-3
9	180.0° - 202.5°	87	-6	0
10	202.5° - 225.0°	81	-6	7
11	225.0° - 247.5°	78	-2	14
12	247.5° - 270.0°	81	4	8
13	270.0° - 292.5°	88	6	-2
14	292.5° - 315.0°	81	6	-10
15	315.0° - 337.5°	79	1	-13
16	337.5° - 360.0°	77	-5	-9

Model:Ecoled Formentera 4400K
 Tester:Sergio Carneros
 Temperature:21Deg
 Manufacturer:Luz Negra S.L

Number: 32.059
 Date:25-5-2021
 Humidity:57%
 Remarks:100cm de tira flexible