

DIGITAL LED

BALI

FLEXIBLE STRIP

Ref: 35.006
Ref: 35.007

7000°K
3000°K

Flexible led strip with monochromatic digital led, "PRO" series, IP20 with 60 leds/metre and cuttable every 3 led + led to led control.

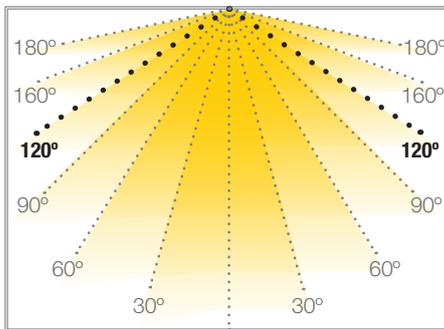
Requires use with led profile to permit dissipation.

10mm PCB

Maximum connection in open circuit: 5m.

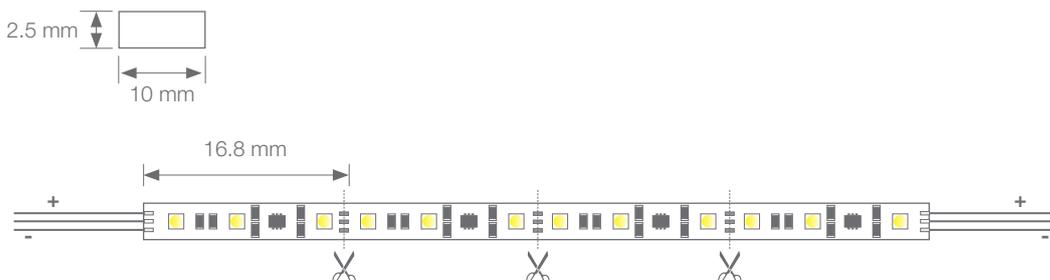
Estimated lifespan: 50000h *

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



Power (W)	14.4W/m
Voltage (V)	12V
IC type	WS2811
Lumens (7000°K)	1000 Lm/m
Lumens (3000°K)	994 Lm/m
CRI	>80
Led control	led to led
Light emission	120°
Waterproofing	IP20
N° leds/m	60
Measurements	5000x10x2.5mm
Cuttable	every 16.8mm
PCB	10mm
Working temperature	-20°C / +50°C
Apt for	indoor
Packaging	1 roll/5m
Guarantee	3 years

Approved by: 

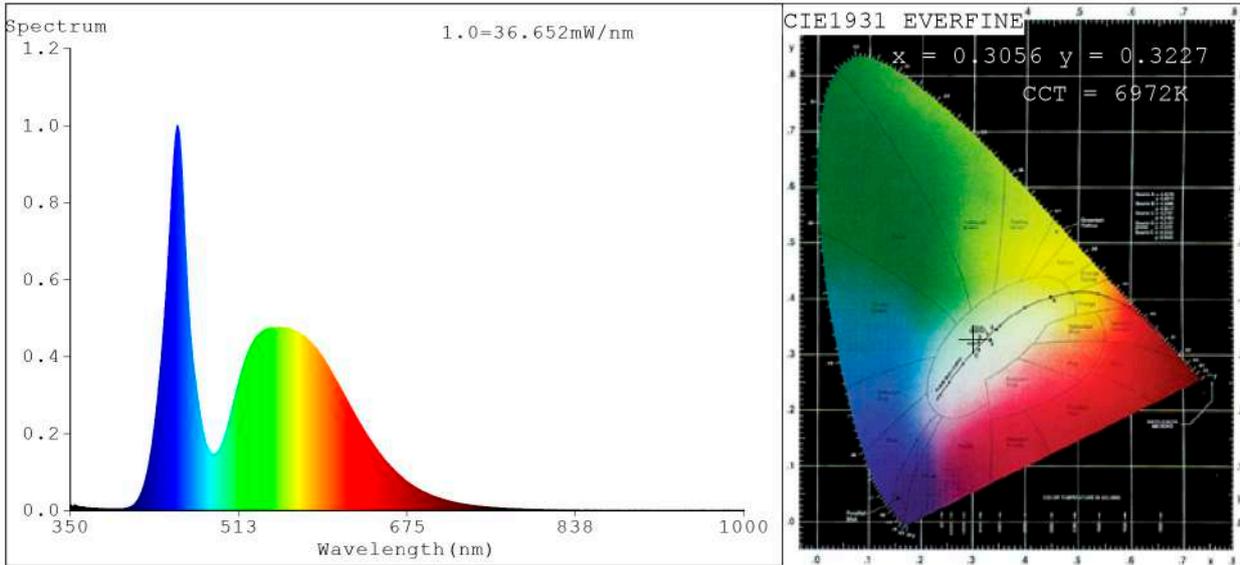


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Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: x=0.3056 y=0.3227/u'=0.1952 v'=0.4639
 CCT=6972K(Duv=0.0037) Dominant WL:Ld =486.7nm Purity=10.2%
 Ratio:R=11.9% G=83.2% B=4.9%; Peak WL:Lp=453.3nm FWHM=24.1nm
 Render Index:Ra=75.6 CRI=66.8 TM30:Rf=73 Rg=91
 R1 =73 R2 =80 R3 =82 R4 =75 R5 =74 R6 =72 R7 =85
 R8 =63 R9 =0 R10=50 R11=71 R12=44 R13=75 R14=90 R15=69

Photo Parameters:

Flux = 1054 lm Eff. : 86.79 lm/W Fe = 3.361 W Scotopic:2294 S/P:2.1771

Electrical parameters:

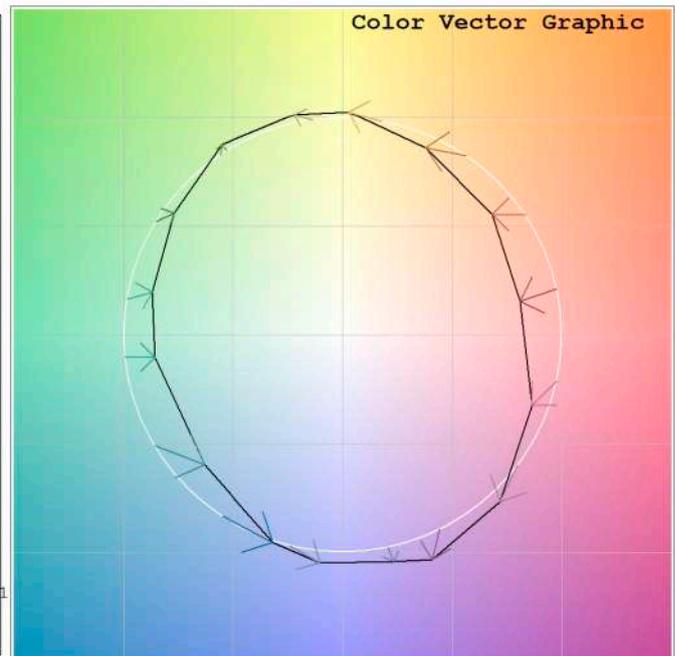
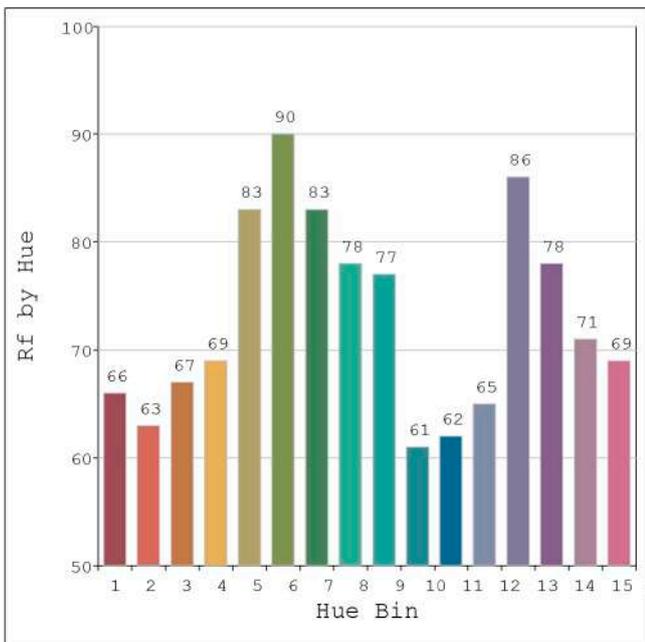
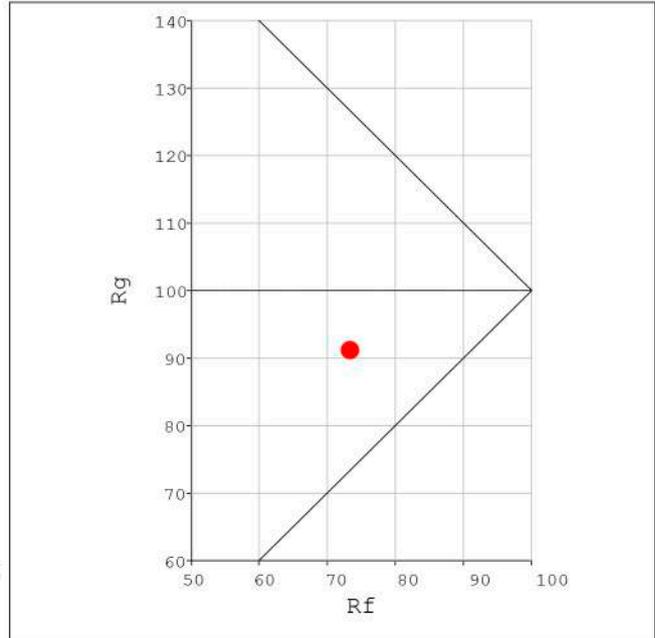
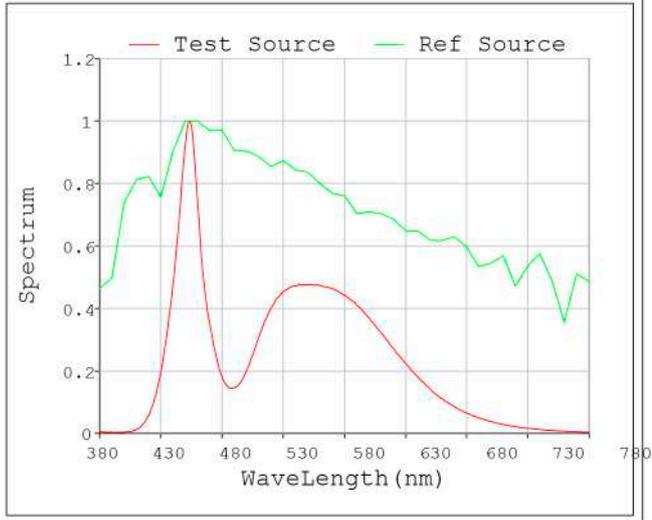
V = 11.998 V I = 1.012 A P = 14.14 W PF = 1.000

Status: Integral T = 836 ms Ip = 47124 (72%)

Model:Ecoled Bali 6500K
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra S.L.

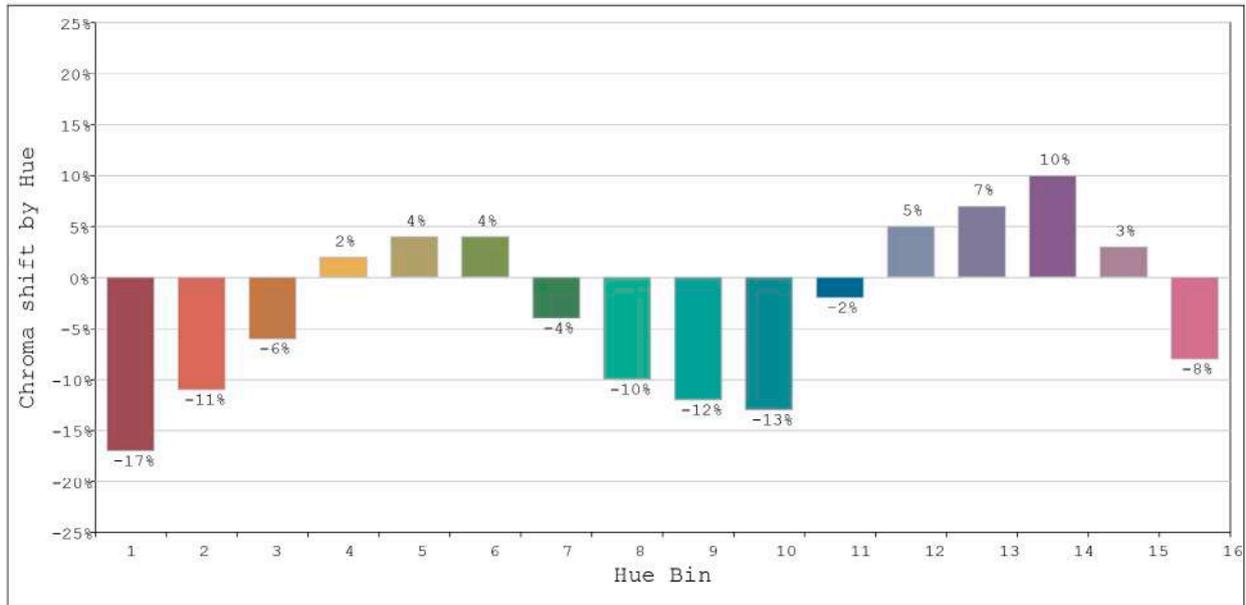
Number: 35.006
 Date:26-5-2021
 Humidity:57%
 Remarks:100cm de tira flexible

Rf: 73 CCT: 6972 K u': 0.1952
Rg: 91 Duv: 0.0037 v': 0.4639



Model:Ecoled Bali 6500K
Tester:Sergio Carneros
Temperature:25Deg
Manufacturer:Luz Negra S.L

Number: 35.006
Date:26-5-2021
Humidity:57%
Remarks:100cm de tira flexible

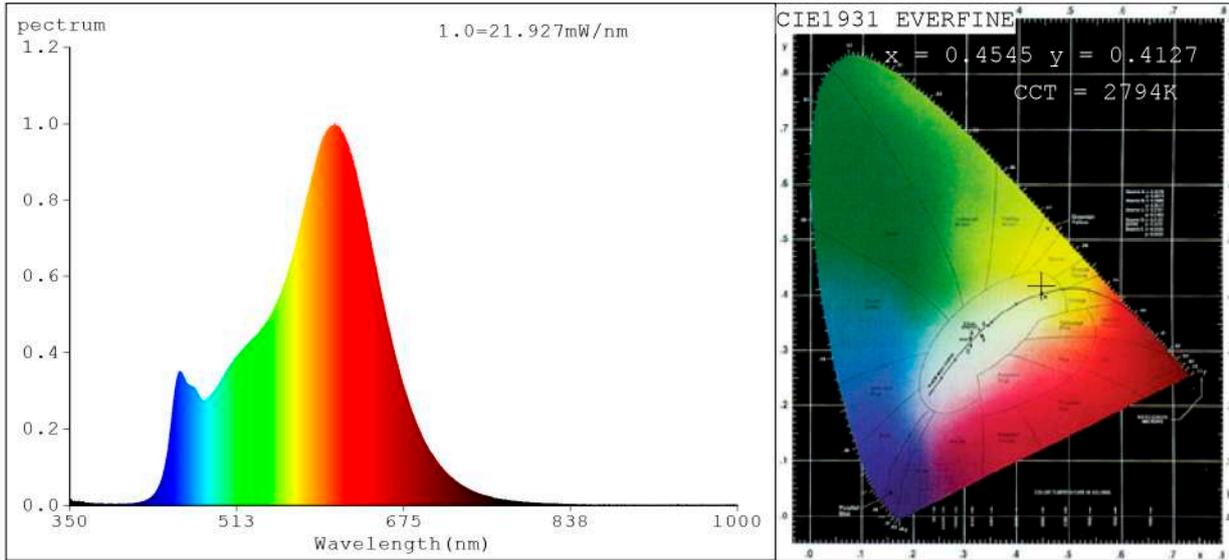


Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	66	-17	-1
2	22.5° - 45.0°	63	-11	9
3	45.0° - 67.5°	67	-6	17
4	67.5° - 90.0°	69	2	16
5	90.0° - 112.5°	83	4	7
6	112.5° - 135.0°	90	4	-2
7	135.0° - 157.5°	83	-4	-7
8	157.5° - 180.0°	78	-10	-5
9	180.0° - 202.5°	77	-12	3
10	202.5° - 225.0°	61	-13	20
11	225.0° - 247.5°	62	-2	26
12	247.5° - 270.0°	65	5	15
13	270.0° - 292.5°	86	7	2
14	292.5° - 315.0°	78	10	-9
15	315.0° - 337.5°	71	3	-17
16	337.5° - 360.0°	69	-8	-12

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Number: 35.006
Date:26-5-2021
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Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4545$ $y=0.4127$ $u'=0.2581$ $v'=0.5273$
 CCT=2794K (Duv=0.0013) Dominant WL:Ld =583.3nm Purity=60.3%
 Ratio:R=25.0% G=72.0% B=3.0%; Peak WL:Lp=607.8nm FWHM=111.5nm
 Render Index:Ra=84.9 CRI=81.4 TM30:Rf=83 Rg=92
 R1 =86 R2 =97 R3 =90 R4 =83 R5 =87 R6 =97 R7 =80
 R8 =60 R9 =16 R10=94 R11=84 R12=82 R13=89 R14=95 R15=76

Photo Parameters:

Flux = 993.7 lm Eff. : 83.90 lm/W Fe = 3.071 W Scotopic:1330.5 S/P:1.3389

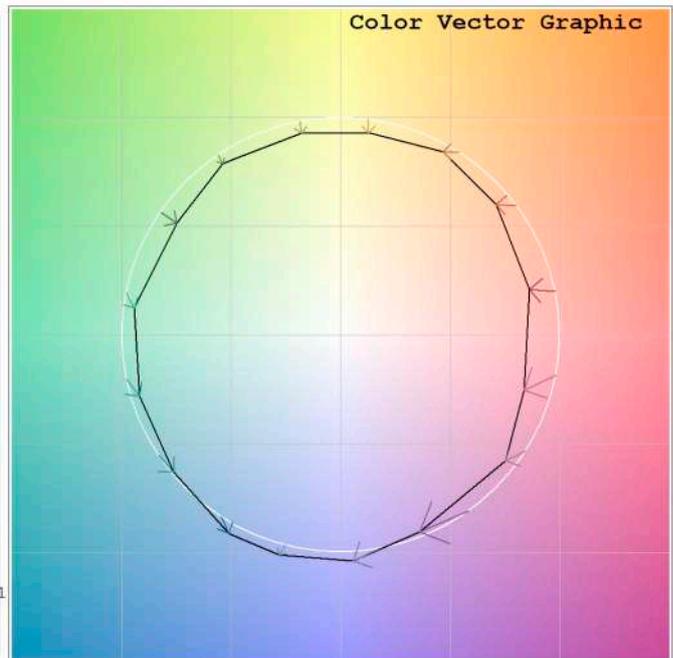
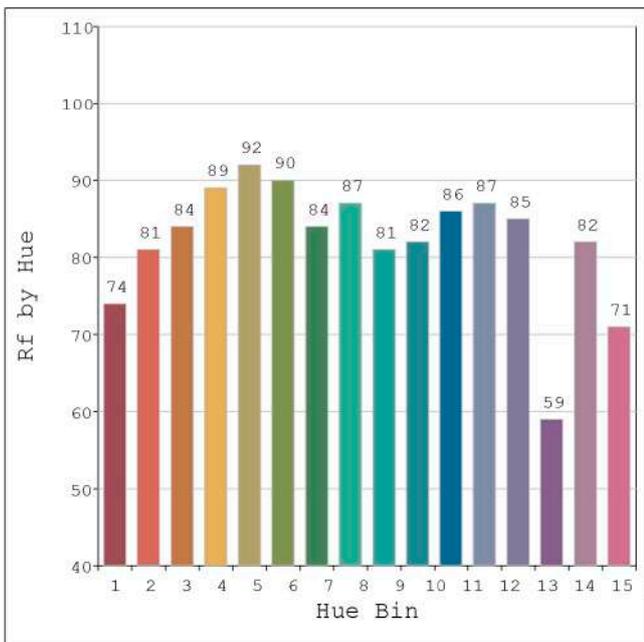
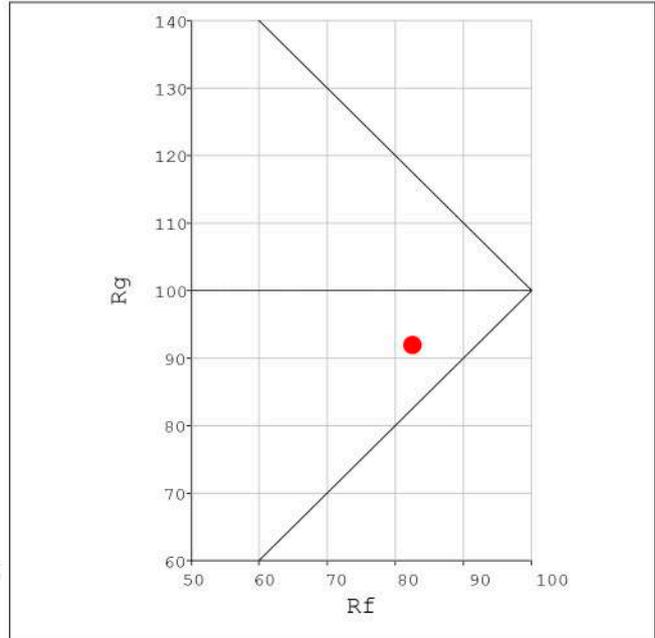
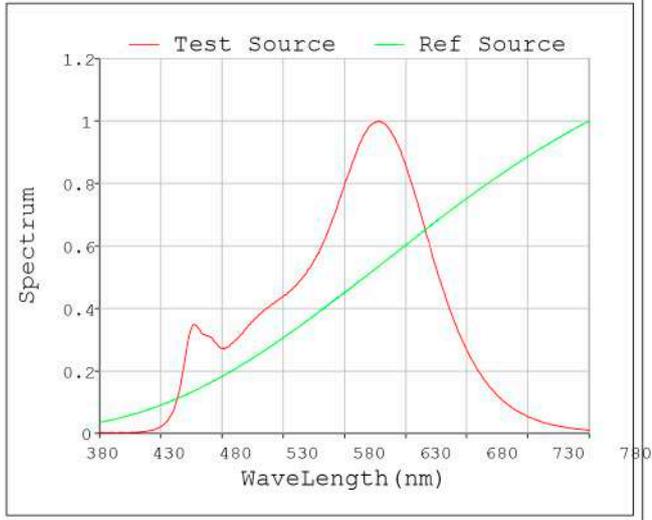
Electrical parameters:

V = 11.998 V I = 0.9872 A P = 14.24 W PF = 1.000

Status: Integral T = 1328 ms Ip = 50926 (78%)

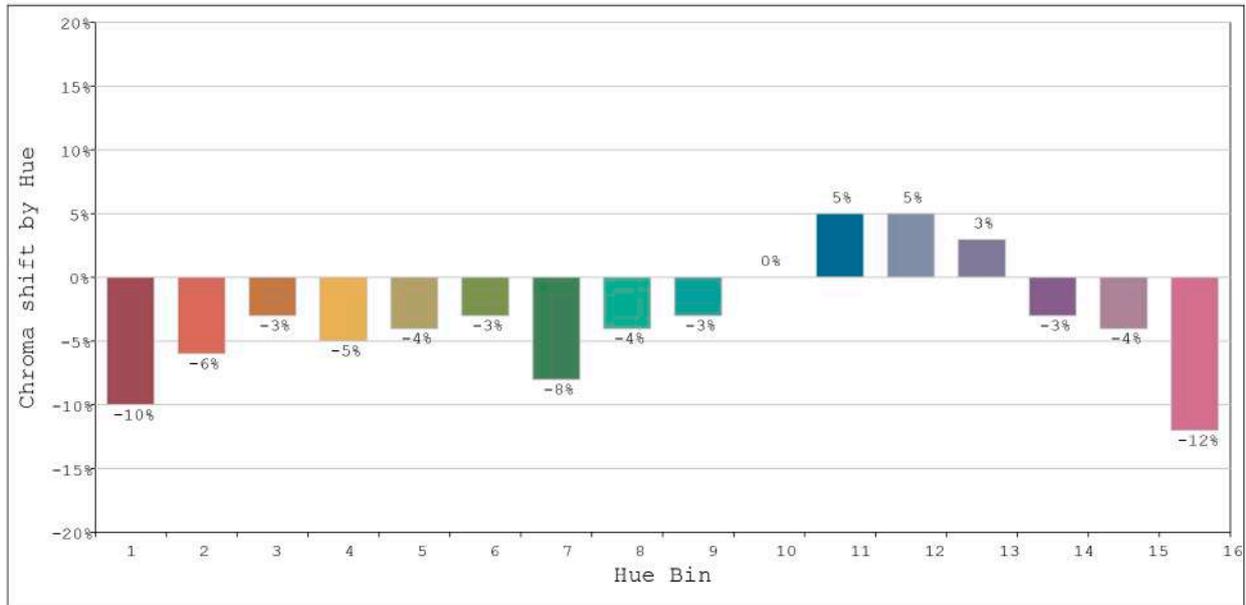
Model:Ecoled Bali 3000K	Number: 35.007
Tester:Sergio Carneros	Date:26-5-2021
Temperature:25Deg	Humidity:57%
Manufacturer:Luz Negra S.L	Remarks:100cm de tira flexible

Rf: 83 CCT: 2794 K u': 0.2581
Rg: 92 Duv: 0.0013 v': 0.5273



Model:Ecoled Bali 3000K
Tester:Sergio Carneros
Temperature:25Deg
Manufacturer:Luz Negra S.L

Number: 35.007
Date:26-5-2021
Humidity:57%
Remarks:100cm de tira flexible



Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	74	-10	3
2	22.5° - 45.0°	81	-6	5
3	45.0° - 67.5°	84	-3	6
4	67.5° - 90.0°	89	-5	0
5	90.0° - 112.5°	92	-4	0
6	112.5° - 135.0°	90	-3	1
7	135.0° - 157.5°	84	-8	0
8	157.5° - 180.0°	87	-4	6
9	180.0° - 202.5°	81	-3	9
10	202.5° - 225.0°	82	0	10
11	225.0° - 247.5°	86	5	7
12	247.5° - 270.0°	87	5	-1
13	270.0° - 292.5°	85	3	-12
14	292.5° - 315.0°	59	-3	-23
15	315.0° - 337.5°	82	-4	-8
16	337.5° - 360.0°	71	-12	-9

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 Tester:Sergio Carneros
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