

MEDIUM BRIGHTNESS

SIDEVIEW PRO PLUS

RIGID LED STRIP

Ref: 37.007
Ref: 37.009

4000°K
2700°K

Cuttable monocoloured rigid led strip "PRO" series IP20 with 9 SMD leds.

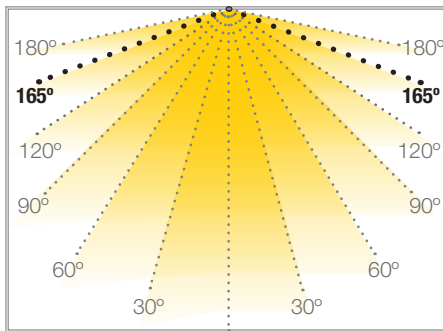
165° optics for wallwashing.

For a correct dissipation of this model, a led profile will be required.

We need to apply thermal tape.

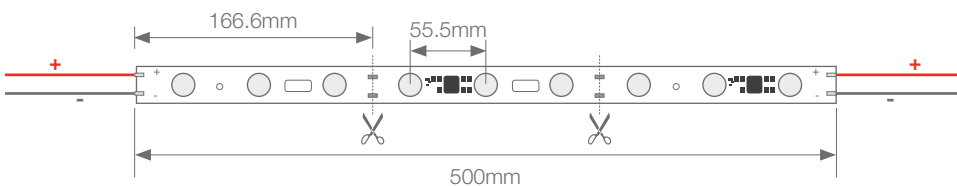
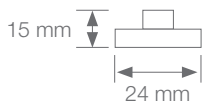
Daily recommended use: 18h.

Not dimmable.



Power (W)	15W
Voltage (V)	24V
Lumens (4000K)	1500Lm
Lumens (2700K)	1400Lm
Efficiency	102 Lm/W
Light emission	165°
Waterproofing	IP20
CRI	>90
Measurements	500x24x15mm
Cuttable	every 166.6mm (3 leds)
Working temp.	-20°C / +60°C
Power supply	not included
Fixing	screw
Packaging	1 unit
Guarantee	3 years

Aprobado por: 

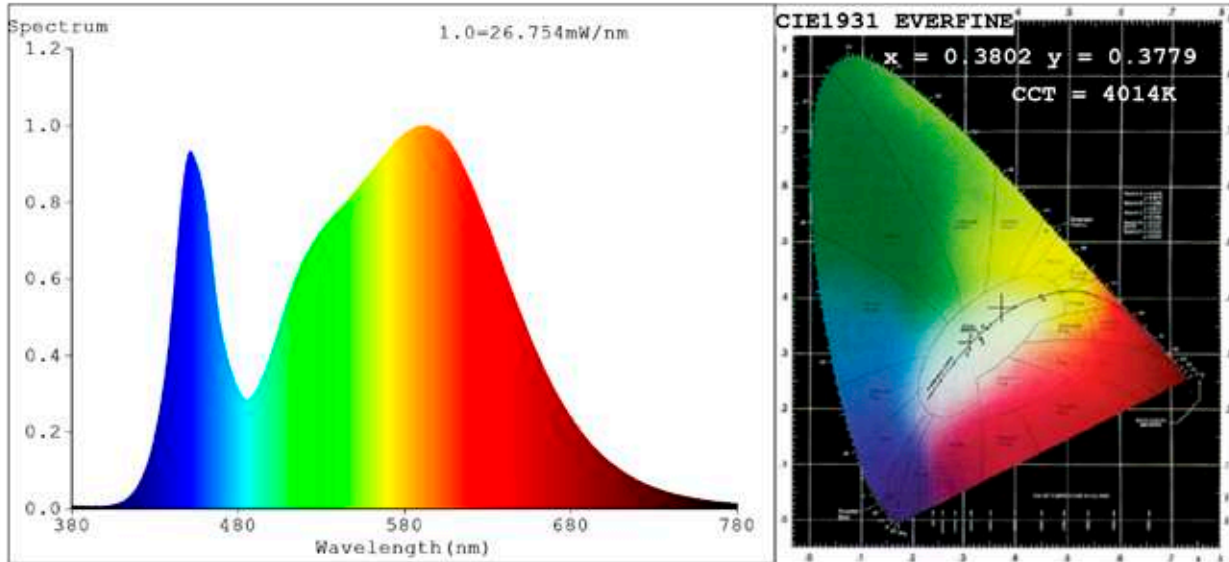


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Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3802$ $y=0.3779$ / $u'=0.2245$ $v'=0.5020$
 CCT=4014K (Duv=0.0006) Dominant WL:Ld =578.7nm Purity=27.5%
 Ratio:R=18.0% G=78.5% B=3.5%;; Peak WL:Lp=594.6nm FWHM=143.7nm
 Render Index:Ra=81.2 CRI=74.0 TM30:Rf=80 Rg=95
 R1 =79 R2 =88 R3 =93 R4 =79 R5 =79 R6 =82 R7 =86
 R8 =63 R9 =4 R10=70 R11=77 R12=58 R13=81 R14=96 R15=74

Photo Parameters:

Flux = 1548 lm Eff. : 102.19 lm/W Fe = 4.687 W Scotopic:2573.2 S/P:1.6621

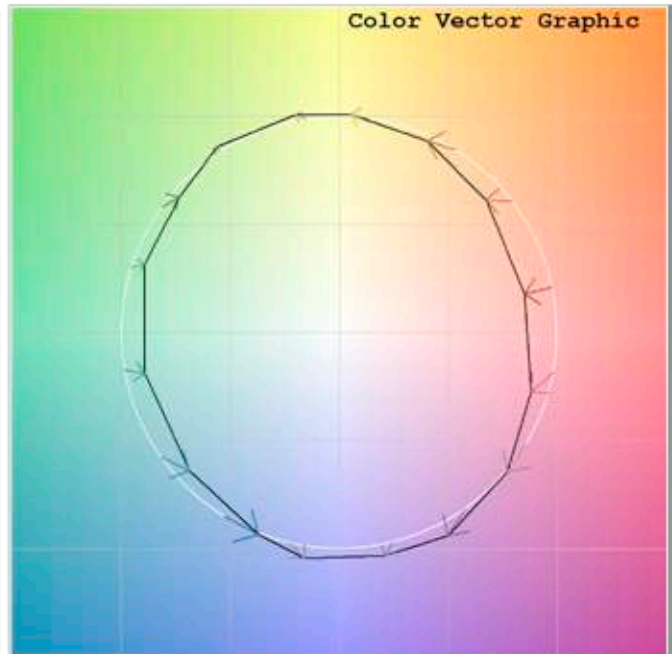
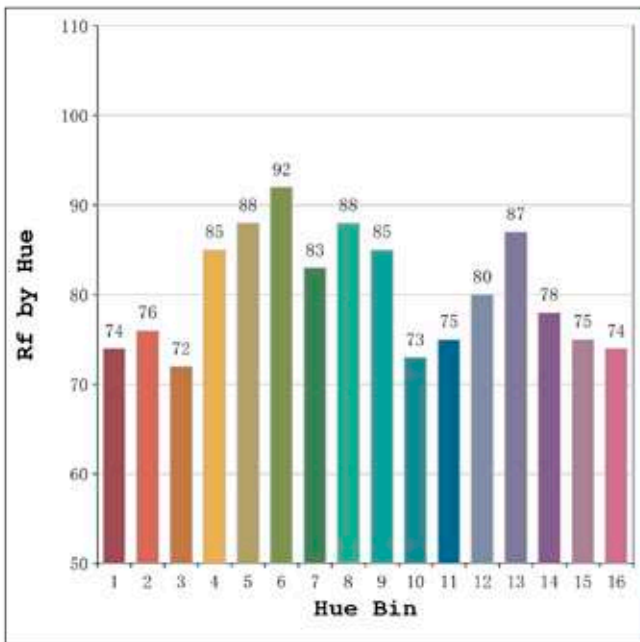
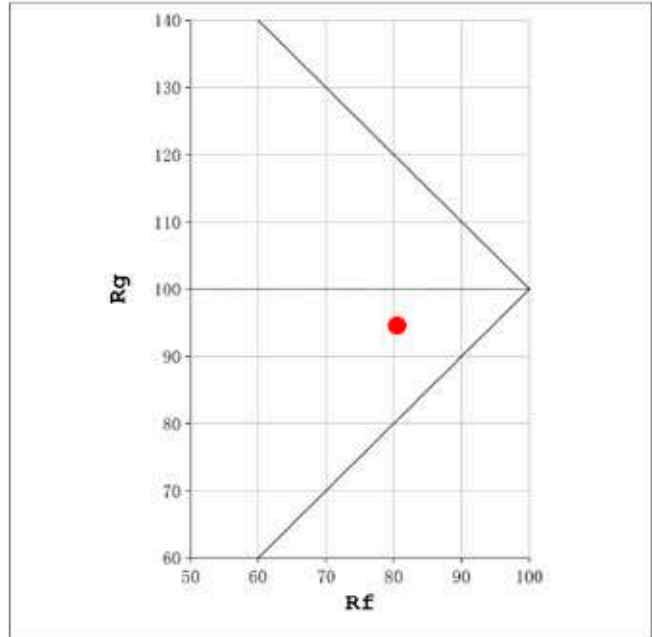
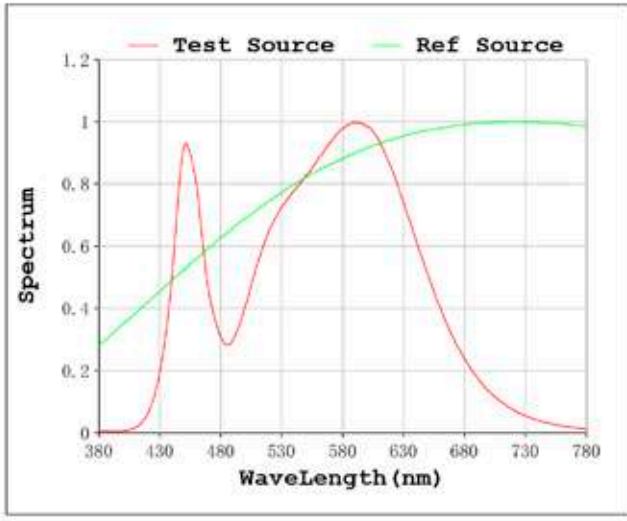
Electrical parameters:

V = 23.998 V I = 0.6313 A P = 15.15 W PF = 1.000

Status: Integral T = 863 ms Ip = 48919 (75%)

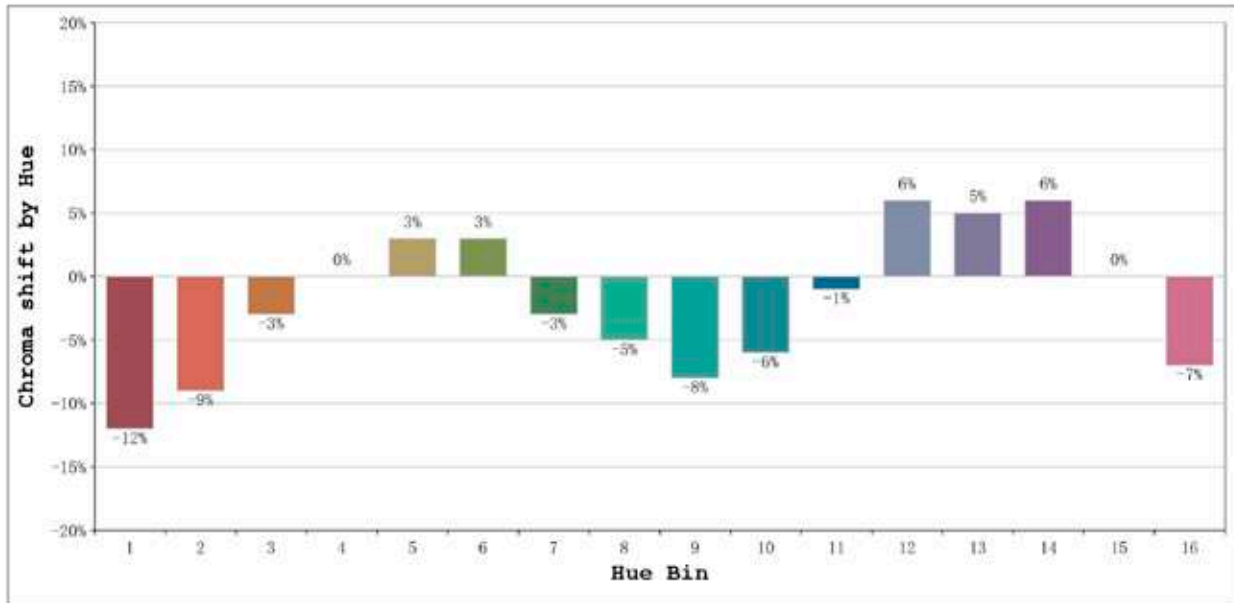
Model:Ecoled Sideview pro 4000K Number: 37.007
 Tester:Sergio Carneros Date:2023-01-18 11:30:47
 Temperature:25Deg Humidity:57%
 Manufacturer:Luz Negra Remarks:1 modulo led de 50cm

Rf: 80 CCT: 4014 K u': 0.2245
Rg: 95 Duv: 0.0006 v': 0.5020



Model:Ecoled Sideview pro 4000K
Tester:Sergio Careros
Temperature:25Deg
Manufacturer:Luz Negra

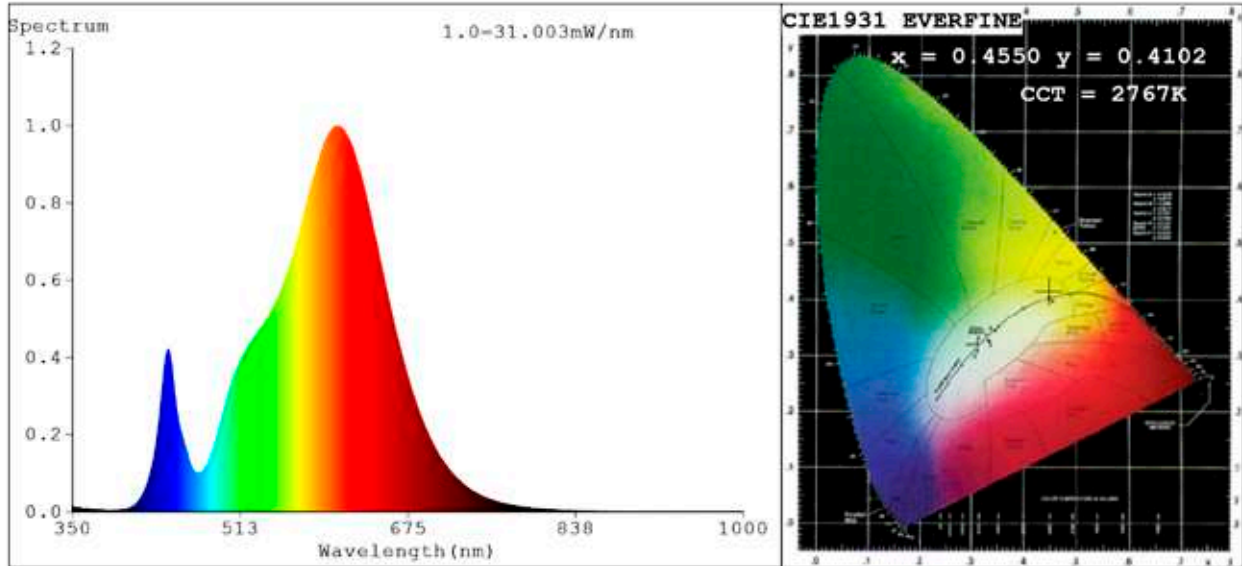
Number: 37.007
Date:2023-01-18 11:30:47
Humidity:57%
Remarks:1 modulo led de 50cm



Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	74	-12	0
2	22.5° - 45.0°	76	-9	7
3	45.0° - 67.5°	72	-3	13
4	67.5° - 90.0°	85	0	9
5	90.0° - 112.5°	88	3	5
6	112.5° - 135.0°	92	3	-2
7	135.0° - 157.5°	83	-3	-7
8	157.5° - 180.0°	88	-5	-2
9	180.0° - 202.5°	85	-8	3
10	202.5° - 225.0°	73	-6	12
11	225.0° - 247.5°	75	-1	17
12	247.5° - 270.0°	80	6	8
13	270.0° - 292.5°	87	5	-4
14	292.5° - 315.0°	78	6	-13
15	315.0° - 337.5°	75	0	-14
16	337.5° - 360.0°	74	-7	-10

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 Manufacturer:Luz Negra Remarks:1 modulo led de 50cm

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4550$ $y=0.4102$ $u'=0.2595$ $v'=0.5265$
 CCT=2767K (Duv=0.0003) Dominant WL:Ld =583.8nm Purity=59.7%
 Ratio:R=24.6% G=73.5% B=2.0%;;Peak WL:Lp=605.5nm FWHM=121.9nm
 Render Index:Ra=82.8 CRI=77.7 TM30:Rf=80 Rg=98
 R1 =81 R2 =89 R3 =97 R4 =82 R5 =81 R6 =88 R7 =83
 R8 =59 R9 =9 R10=77 R11=83 R12=76 R13=83 R14=99 R15=73

Photo Parameters:

Flux = 1443 lm Eff. : 92.25 lm/W Fe = 4.487 W Scotopic:1753.6 S/P:1.2151

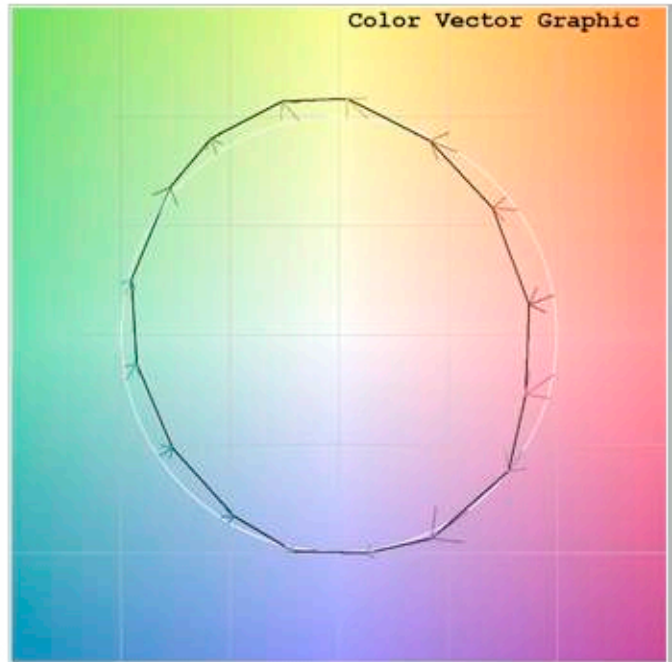
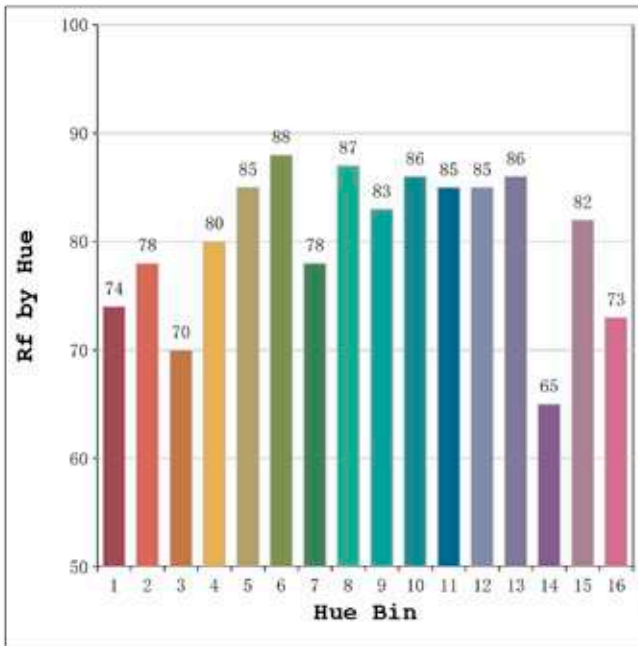
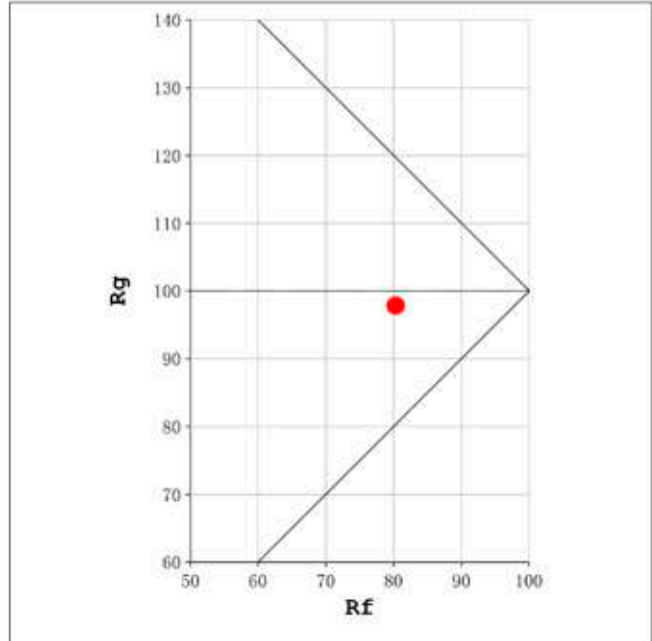
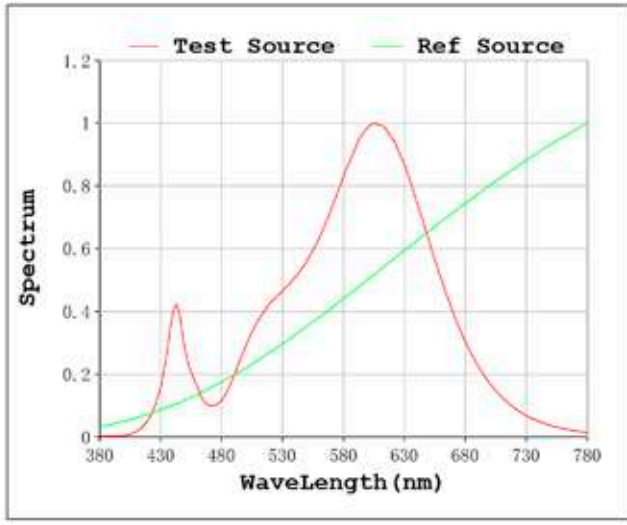
Electrical parameters:

V = 23.998 V I = 0.6519 A P = 15.64 W PF = 1.000

Status: Integral T = 818 ms Ip = 47084 (72%)

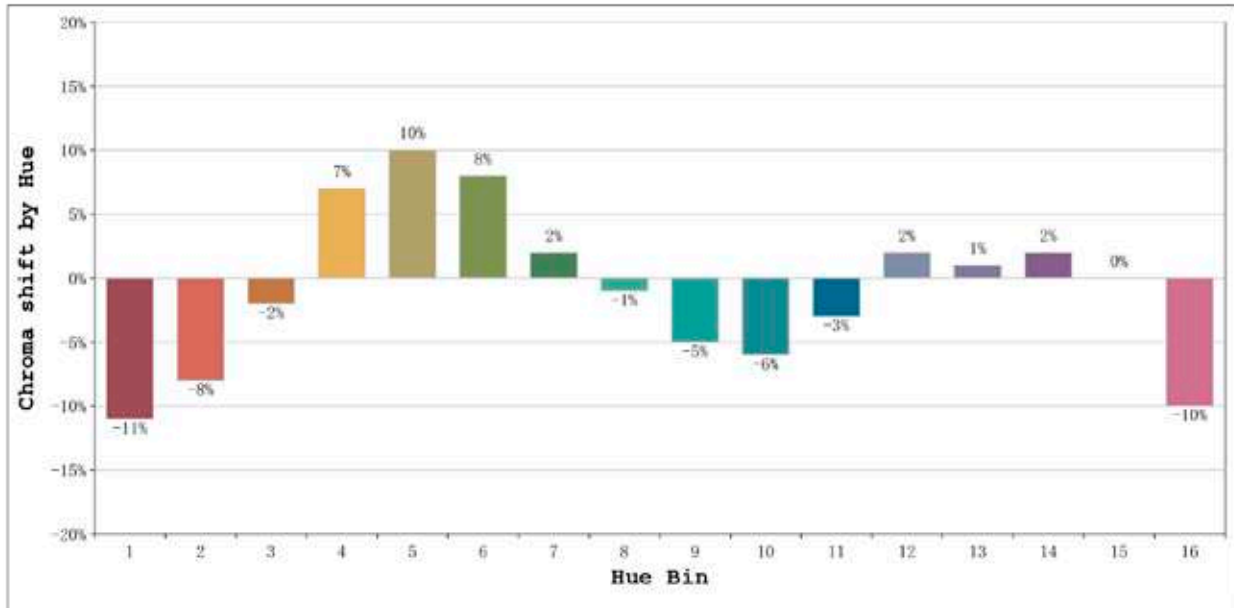
Model:Ecoled Sideview pro 2700K Number: 37.009
 Tester:Sergio Carneros Date:2023-01-18 11:51:53
 Temperature:13Deg Humidity:48%
 Manufacturer:Luz Negra Remarks:1 modulo led de 50cm

Rf: 80 CCT: 2767 K u': 0.2595
Rg: 98 Duv: 0.0003 v': 0.5265



Model:Ecoled Sideview pro 2700K
Tester:Sergio Carneros
Temperature:13Deg
Manufacturer:Luz Negra

Number: 37.009
Date:2023-01-18 11:51:53
Humidity:48%
Remarks:1 modulo led de 50cm



Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	74	-11	-1
2	22.5° - 45.0°	78	-8	7
3	45.0° - 67.5°	70	-2	13
4	67.5° - 90.0°	80	7	11
5	90.0° - 112.5°	85	10	6
6	112.5° - 135.0°	88	8	-1
7	135.0° - 157.5°	78	2	-11
8	157.5° - 180.0°	87	-1	-6
9	180.0° - 202.5°	83	-5	-5
10	202.5° - 225.0°	86	-6	0
11	225.0° - 247.5°	85	-3	5
12	247.5° - 270.0°	85	2	4
13	270.0° - 292.5°	86	1	-5
14	292.5° - 315.0°	65	2	-20
15	315.0° - 337.5°	82	0	-11
16	337.5° - 360.0°	73	-10	-10

Model:Ecoled Sideview pro 2700K
 Tester:Sergio Carneros
 Temperature:13Deg
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