

LOW BRIGHTNESS

Ref: 32.011 5500°K
 Ref: 32.012 4000°K
 Ref: 32.013 2800°K

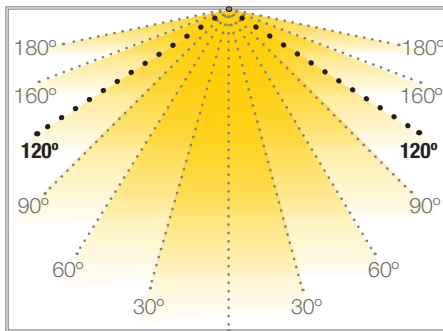
Single-coloured flexible strip **"PRO WATERPROOF DUO"**
 IP67 with 96 leds/metre 3014SMD.

Side lighting flexible led strip.

10mm PCB

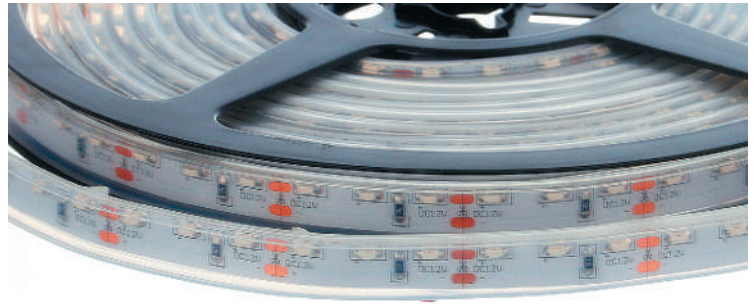
Daily recommended use: 18h
 Maximum connection in open circuit: 7.5m
 Maximum connection in closed circuit: 15m
 Estimated lifespan: 50000h *

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



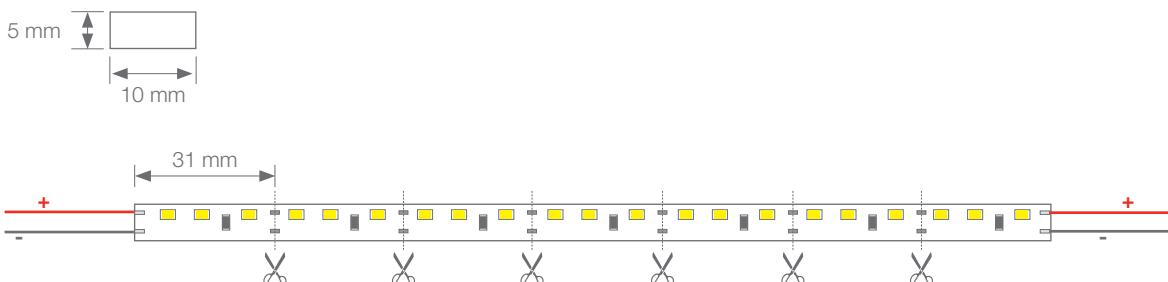
MENORCA

FLEXIBLE STRIP

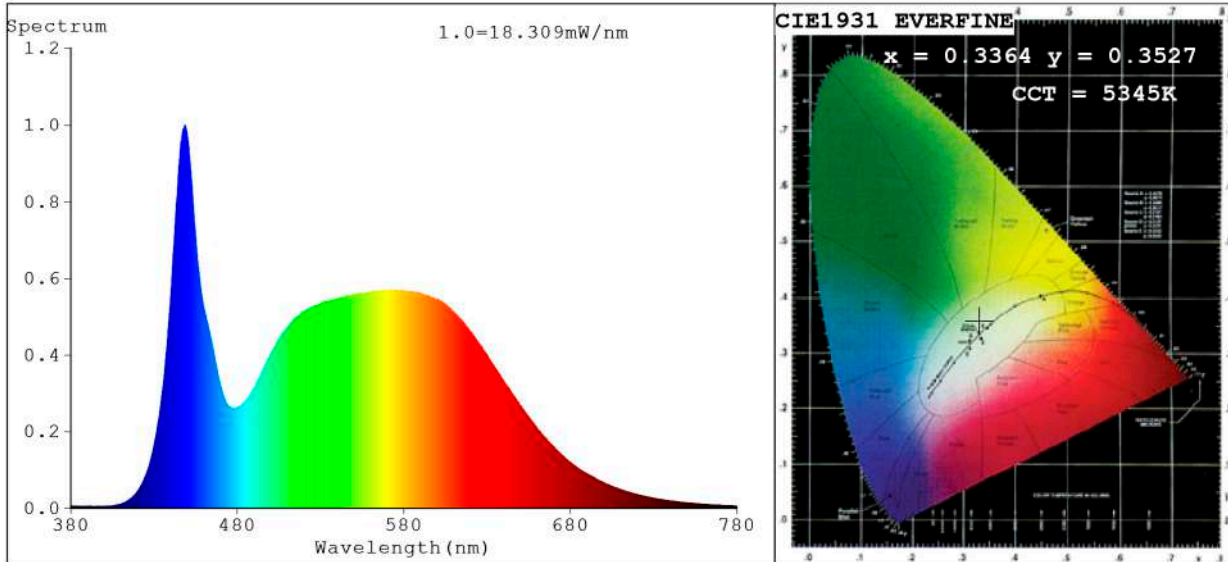


Power (W)	7.7W/m
Voltage (V)	12V
Led type	SMD3014
Lumens (5500°K)	600 Lm/m
Lumens (4000°K)	550 Lm/m
Lumens (2800°K)	500 Lm/m
CRI	>75
Light emission	120°
Waterproofing	IP67 "DUO"
N° leds/m	96
Measurements	5000x10x5mm
Cutttable	every 31mm
PCB	10mm
Working temperature	-20°C / +40°C
Apt for	indoor/outdoor
Packaging	1 roll/5m
Guarantee	3 years

Aprobado por: 



Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: x=0.3364 y=0.3527/u'=0.2051 v'=0.4839
 CCT=5345K(Duv=0.0042) Dominant WL:Ld =560.7nm Purity=6.8%
 Ratio:R=15.1% G=80.1% B=4.8%; Peak WL:Lp=448.5nm FWHM=22.2nm
 Render Index:Ra=84.0 CRI=77.4 TM30:Rf=83 Rg=96
 R1 =82 R2 =88 R3 =92 R4 =85 R5 =83 R6 =84 R7 =88
 R8 =70 R9 =12 R10=71 R11=85 R12=65 R13=83 R14=96 R15=77

Photo Parameters:

Flux = 685.9 lm Eff. : 90.37 lm/W Fe = 2.153 W Scotopic:1397.6 S/P:2.0375

Electrical parameters:

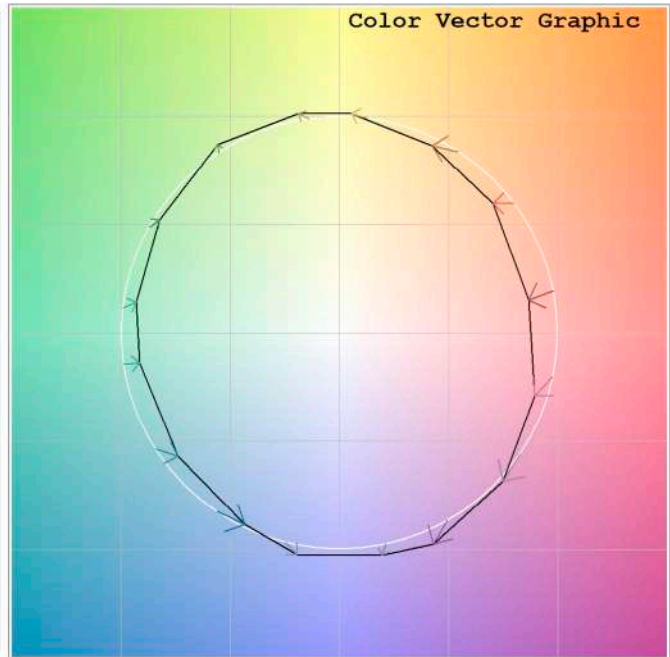
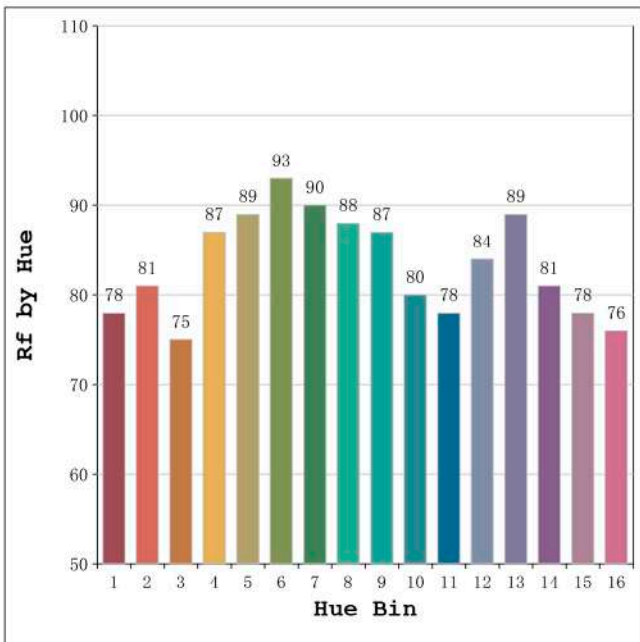
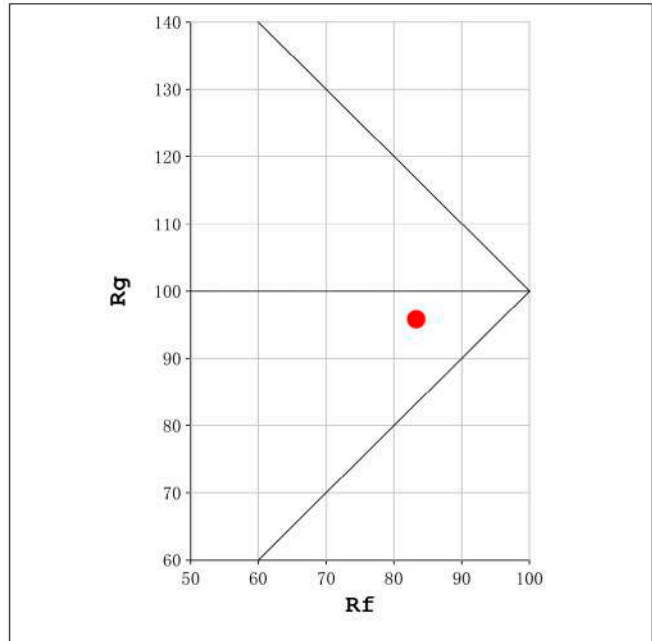
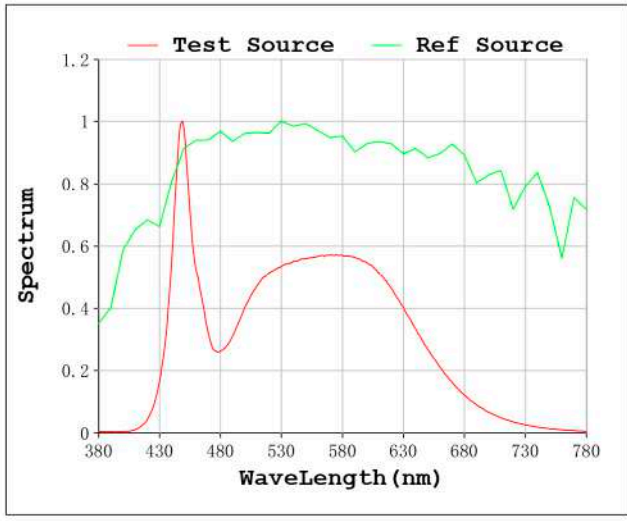
V = 11.998 V I = 0.6326 A P = 7.590 W PF = 1.000

Status: Integral T = 1985 ms Ip = 52239 (80%)

Model:Ecoled Menorca 5500K
 Tester:Sergio Carneros
 Temperature:27Deg
 Manufacturer:Luz Negra S.L.

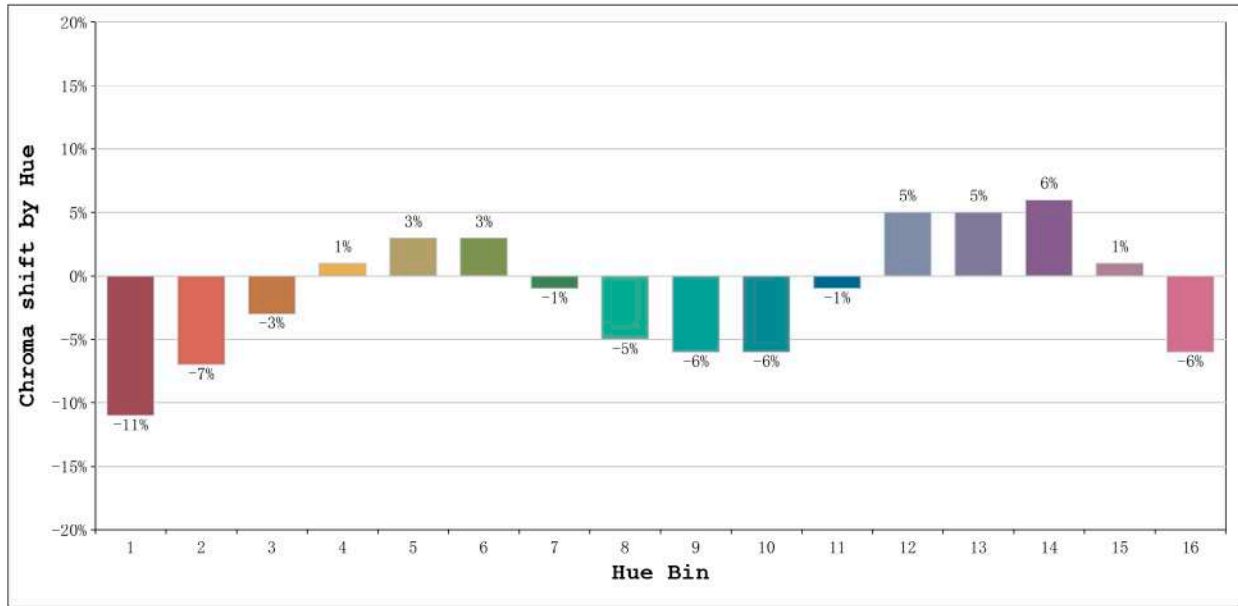
Number: 32.011
 Date:25-5-2021
 Humidity:57%
 Remarks:100c, de tria flexible

Rf: 83 CCT: 5345 K u': 0.2051
Rg: 96 Duv: 0.0042 v': 0.4839



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Tester:Sergio Carneros
Temperature:27Deg
Manufacturer:Luz Negra S.L.

Number: 32.011
Date:25-5-2021
Humidity:57%
Remarks:100c, de tria flexible

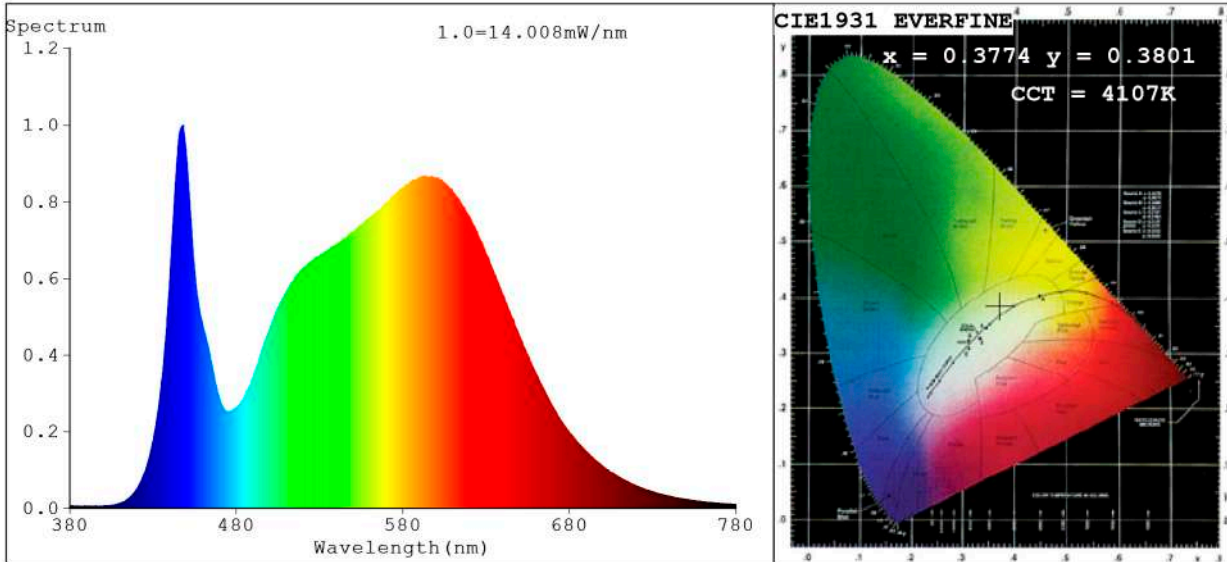


Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	78	-11	-1
2	22.5° - 45.0°	81	-7	5
3	45.0° - 67.5°	75	-3	11
4	67.5° - 90.0°	87	1	8
5	90.0° - 112.5°	89	3	4
6	112.5° - 135.0°	93	3	-1
7	135.0° - 157.5°	90	-1	-4
8	157.5° - 180.0°	88	-5	-3
9	180.0° - 202.5°	87	-6	1
10	202.5° - 225.0°	80	-6	8
11	225.0° - 247.5°	78	-1	14
12	247.5° - 270.0°	84	5	7
13	270.0° - 292.5°	89	5	-2
14	292.5° - 315.0°	81	6	-10
15	315.0° - 337.5°	78	1	-14
16	337.5° - 360.0°	76	-6	-9

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 Tester:Sergio Carneros
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 Date:25-5-2021
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 Remarks:100c, de tria flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3774$ $y=0.3801$ / $u'=0.2218$ $v'=0.5026$
 CCT=4107K (Duv=0.0025) Dominant WL:Ld =577.3nm Purity=27.3%
 Ratio:R=18.0% G=78.4% B=3.6%; Peak WL:Lp=448.1nm FWHM=20.2nm
 Render Index:Ra=83.7 CRI=77.3 TM30:Rf=84 Rg=96
 R1 =82 R2 =88 R3 =94 R4 =84 R5 =82 R6 =85 R7 =87
 R8 =67 R9 =11 R10=73 R11=84 R12=65 R13=83 R14=97 R15=75

Photo Parameters:

Flux = 719.5 lm Eff. : 90.86 lm/W Fe = 2.179 W Scotopic:1233.3 S/P:1.7141

Electrical parameters:

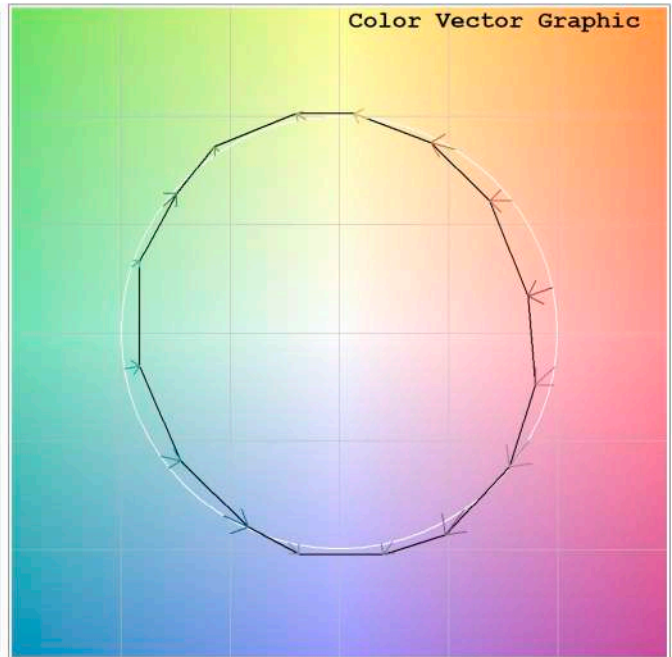
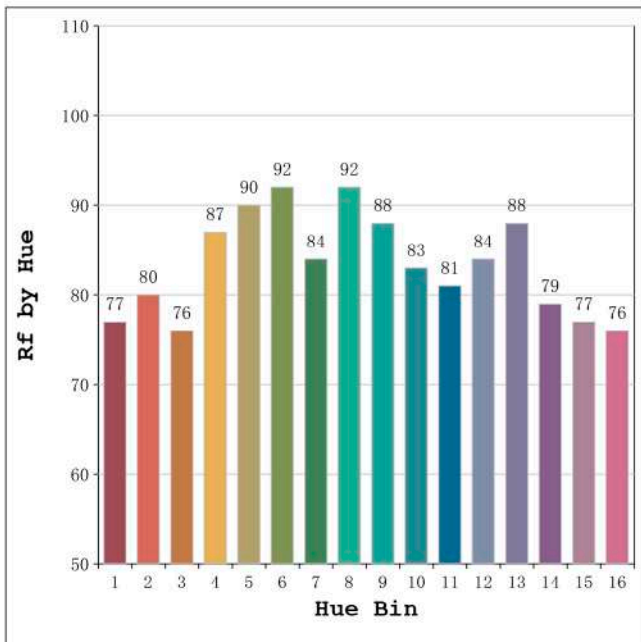
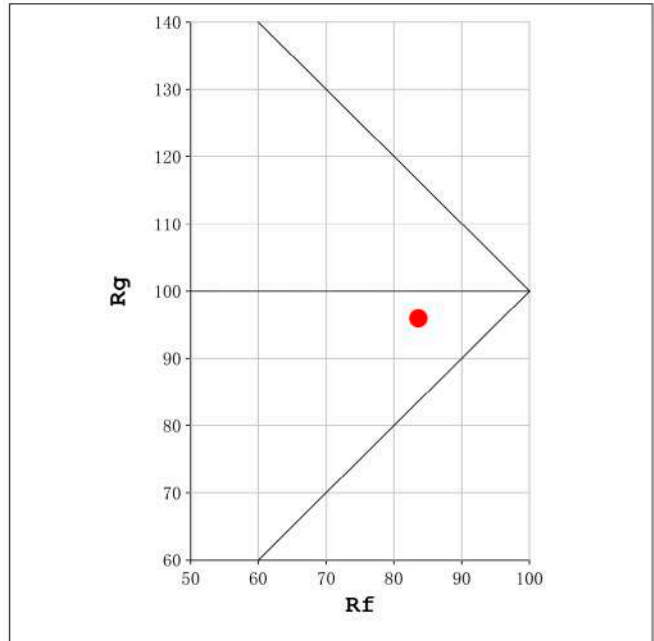
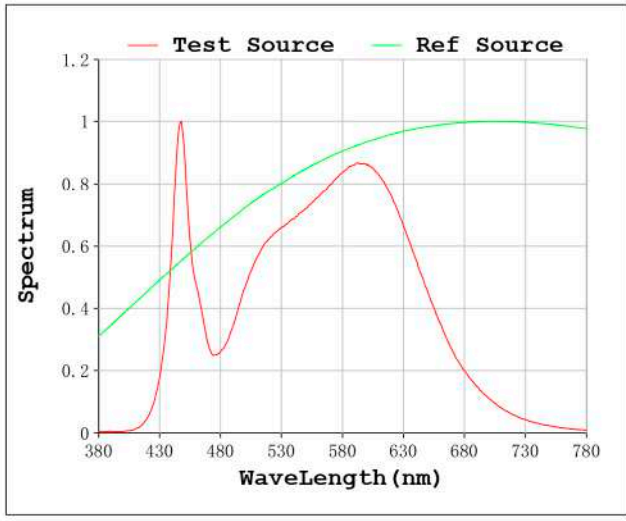
V = 11.998 V I = 0.6600 A P = 7.919 W PF = 1.000

Status: Integral T = 2000 ms Ip = 51810 (79%)

Model:Ecoled Menorca 4000K
 Tester:Sergio Carneros
 Temperature:27Deg
 Manufacturer:Luz Negra S.L.

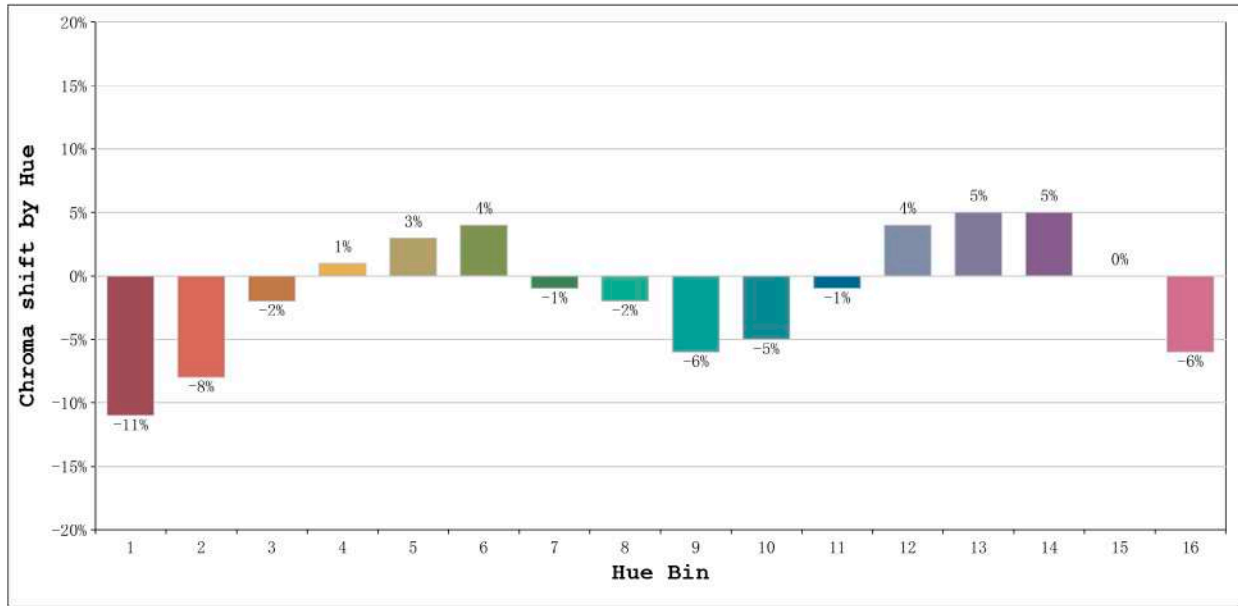
Number: 32.012
 Date:25-5-2021
 Humidity:57%
 Remarks:100cm de tria flexible

Rf: 84 CCT: 4107 K u': 0.2218
Rg: 96 Duv: 0.0025 v': 0.5026



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Number: 32.012
Date:25-5-2021
Humidity:57%
Remarks:100cm de tria flexible



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			Chroma	Hue
1	0.0° - 22.5°	77	-11	-1
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7	135.0° - 157.5°	84	-1	-7
8	157.5° - 180.0°	92	-2	-2
9	180.0° - 202.5°	88	-6	0
10	202.5° - 225.0°	83	-5	7
11	225.0° - 247.5°	81	-1	12
12	247.5° - 270.0°	84	4	6
13	270.0° - 292.5°	88	5	-4
14	292.5° - 315.0°	79	5	-12
15	315.0° - 337.5°	77	0	-14
16	337.5° - 360.0°	76	-6	-9

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