

MEDIUM BRIGHTNESS

TOPACIO

FLEXIBLE STRIP

Ref: 30.103

6000°K

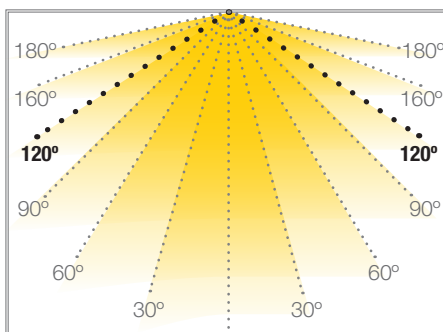
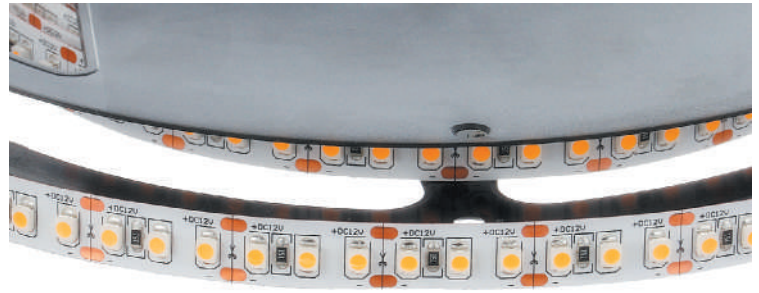
Single-coloured "**BASIC**" flexible strip
IP20 with 144 leds/metre 3528SMD.

Requires use with led profile to permit dissipation.

10mm PCB

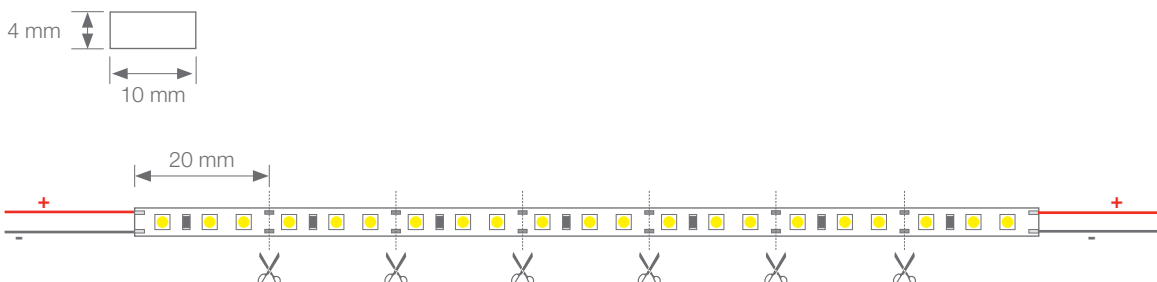
Daily recommended use: 12h
Maximum connection in open circuit: 5m
Maximum connection in closed circuit: 10m
Estimated lifespan: 30000h *

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



Power (W)	14W/m
Voltage (V)	12V
Led type	SMD3528
Lumens ^(2800°K)	1500 Lm/m
Light emission	120°
Waterproofing	IP20
N° leds/m	144
Measurements	5000x10x4mm
Cuttable	every 20mm
PCB	10mm
Working temperature	-20°C / +40°C
Apt for	indoor
Packaging	1 roll/5m
Guarantee	2 years

Aprobado por: 

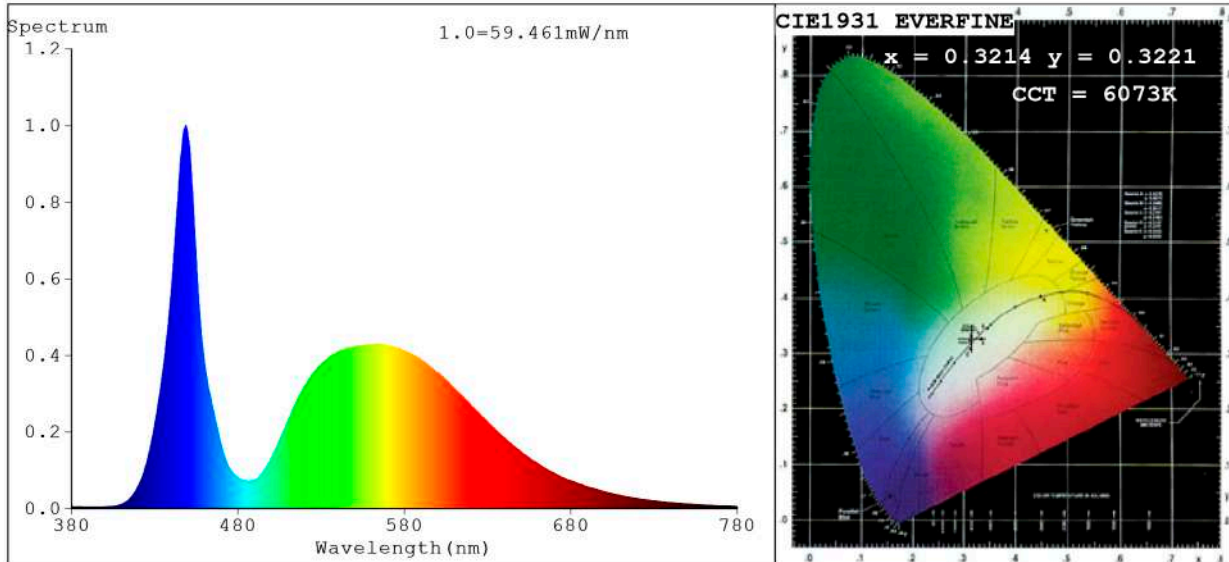


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Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3214$ $y=0.3221$ $u'=0.2066$ $v'=0.4659$
 CCT=6073K(Duv=-0.0048) Dominant WL:Ld =478.1nm Purity=5.1%
 Ratio:R=13.4% G=83.0% B=3.5%; Peak WL:Lp=448.8nm FWHM=18.7nm
 Render Index:Ra=73.0 CRI=64.0 TM30:Rf=68 Rg=95
 R1 =74 R2 =76 R3 =74 R4 =75 R5 =74 R6 =66 R7 =80
 R8 =65 R9 =0 R10=40 R11=73 R12=41 R13=73 R14=85 R15=72

Photo Parameters:

Flux = 1509 lm Eff. : 110.32 lm/W Fe = 4.796 W Scotopic:2909.4 S/P:1.9279

Electrical parameters:

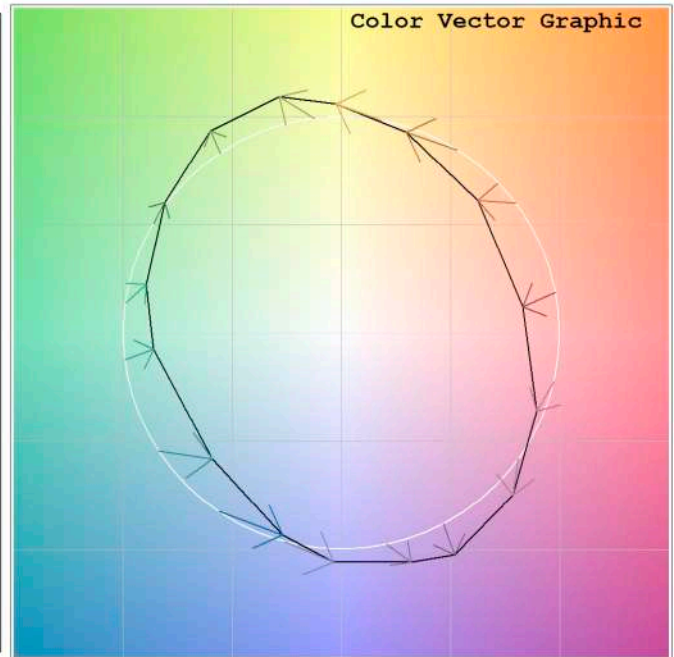
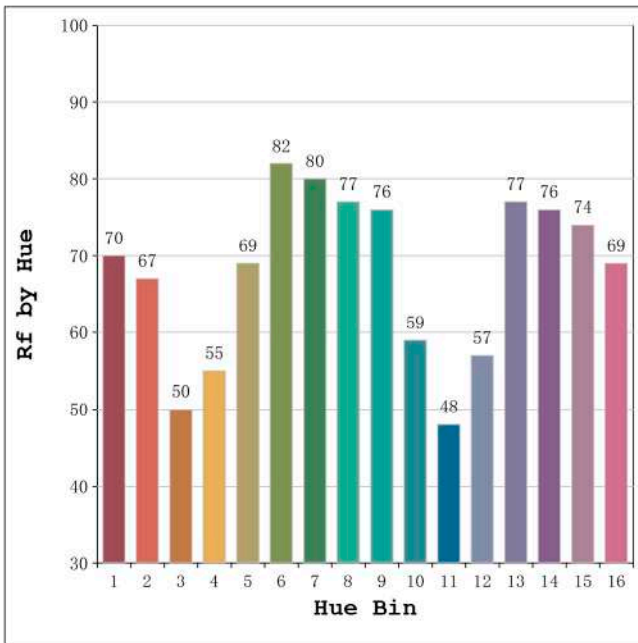
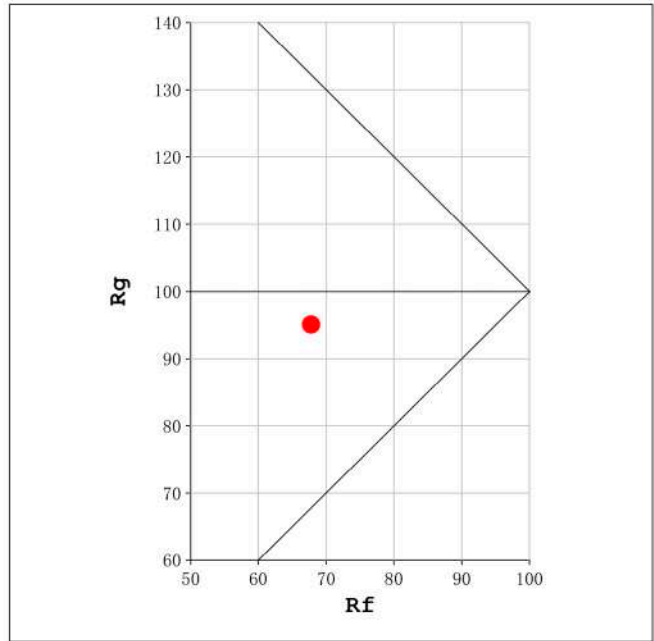
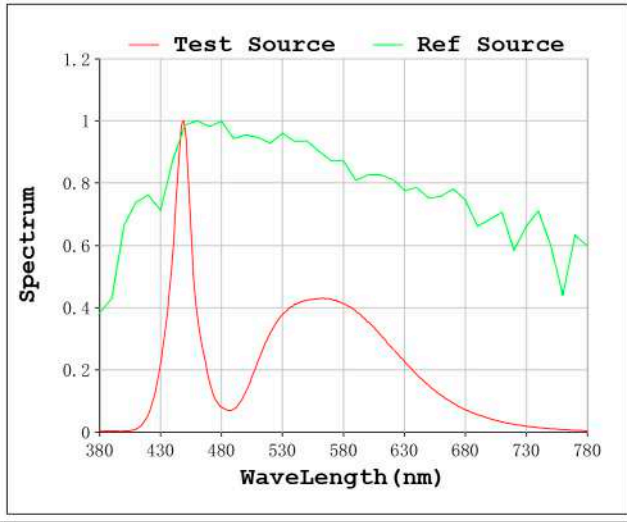
V = 11.998 V I = 1.140 A P = 13.68 W PF = 1.000

WHITE:OUT

Status: Integral T = 446 ms Ip = 39796 (61%)

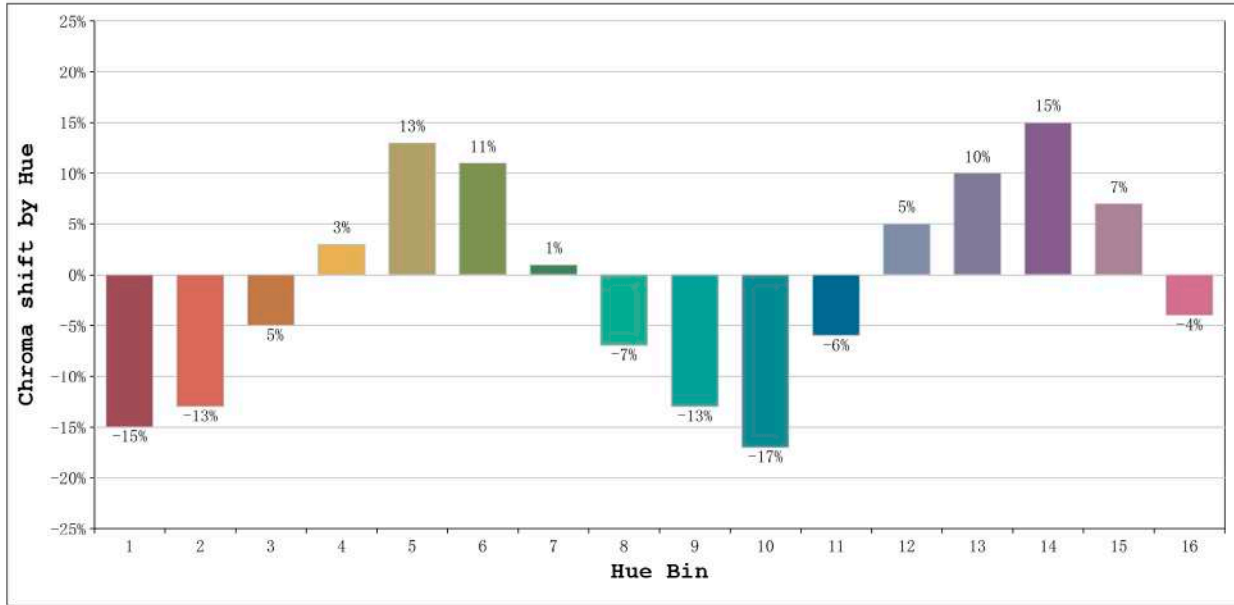
Model:Ecoled Topacio 6000K	Number: 30.103
Tester:Sergio Carneros	Date:
Temperature:28Deg	Humidity:46%
Manufacturer:Luz Negra S.L	Remarks:100cm de tira flexible

Rf: 68 CCT: 6073 K u': 0.2066
Rg: 95 Duv: -0.0048 v': 0.4659



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Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	70	-15	-3
2	22.5° - 45.0°	67	-13	11
3	45.0° - 67.5°	50	-5	24
4	67.5° - 90.0°	55	3	22
5	90.0° - 112.5°	69	13	14
6	112.5° - 135.0°	82	11	-1
7	135.0° - 157.5°	80	1	-10
8	157.5° - 180.0°	77	-7	-9
9	180.0° - 202.5°	76	-13	-1
10	202.5° - 225.0°	59	-17	17
11	225.0° - 247.5°	48	-6	30
12	247.5° - 270.0°	57	5	24
13	270.0° - 292.5°	77	10	9
14	292.5° - 315.0°	76	15	-3
15	315.0° - 337.5°	74	7	-14
16	337.5° - 360.0°	69	-4	-14

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