

MEDIUM BRIGHTNESS

TOPACIO

FLEXIBLE STRIP

Ref: 30.101

2800°K

Single-coloured "**BASIC**" flexible strip

IP20 with 144 leds/metre 3528SMD.

Requires use with led profile to permit dissipation.

10mm PCB

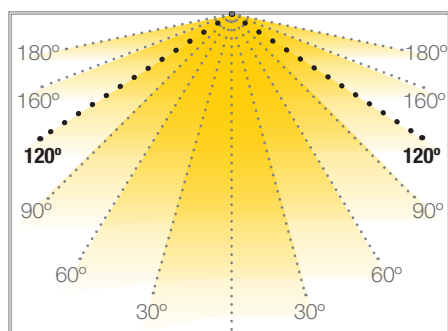
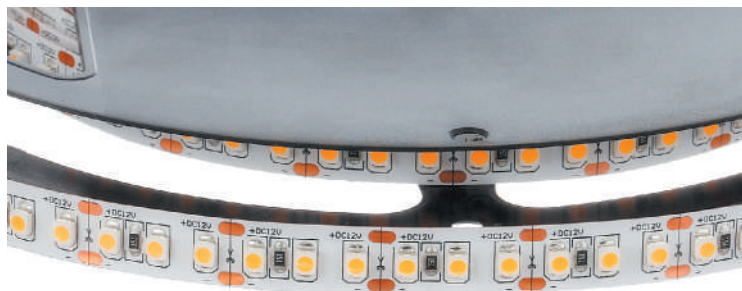
Daily recommended use: 12h

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



120°



voltage



IP20



20mm



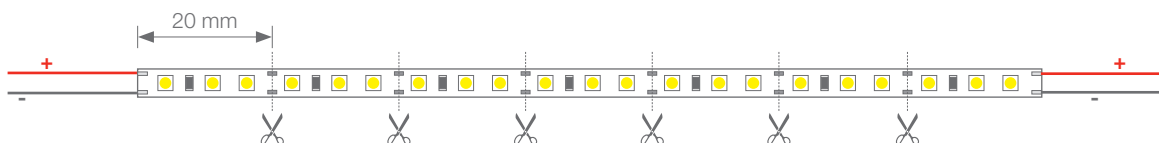
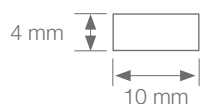
indoor



work

Power (W)	13.65W/m
Voltage (V)	12V
Led type	SMD3528
Lumens (2800°K)	1633 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:  

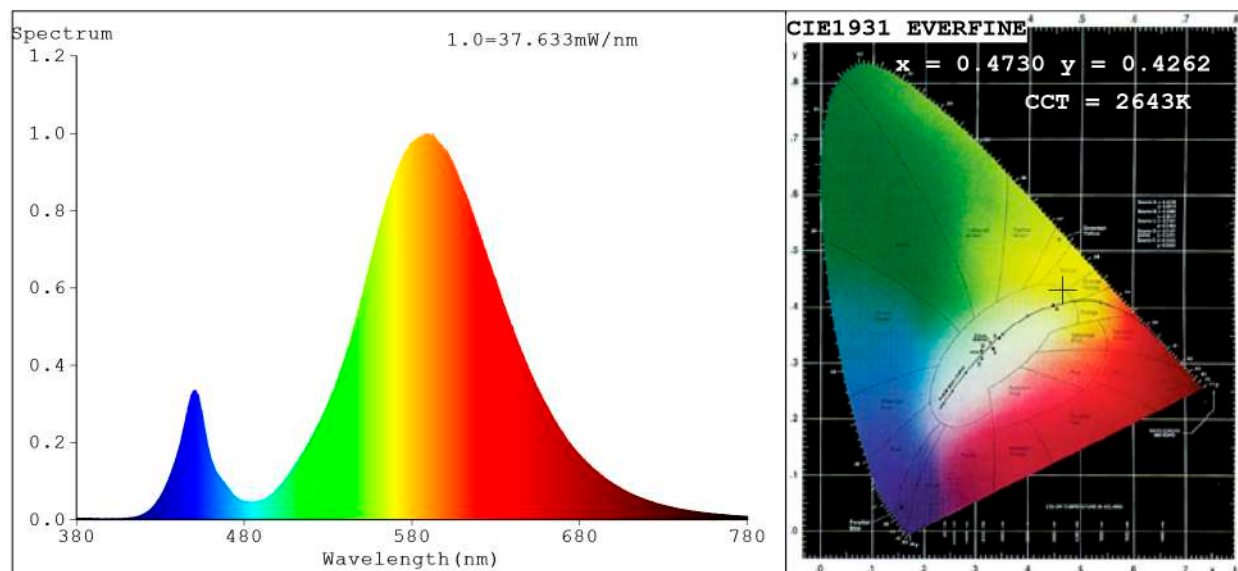


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Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4730$ $y=0.4262$ $u'=0.2639$ $v'=0.5351$
 CCT=2643K (Duv=0.0046) Dominant WL:Ld =583.1nm Purity=69.9%
 Ratio:R=21.4% G=77.7% B=0.9%; Peak WL:Lp=588.9nm FWHM=94.2nm
 Render Index:Ra=57.1 CRI=49.5 TM30:Rf=60 Rg=86
 R1 =50 R2 =72 R3 =93 R4 =46 R5 =46 R6 =58 R7 =71
 R8 =22 R9 =0 R10=38 R11=30 R12=19 R13=53 R14=96 R15=43

Photo Parameters:

Flux = 1633 lm Eff. : 119.65 lm/W Fe = 4.304 W Scotopic:1481 S/P:0.90713

Electrical parameters:

V = 11.998 V I = 1.137 A P = 13.65 W PF = 1.000

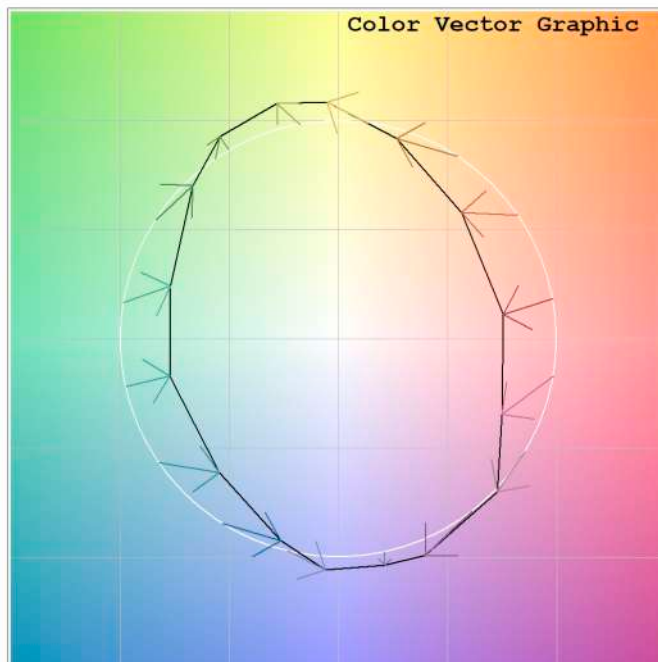
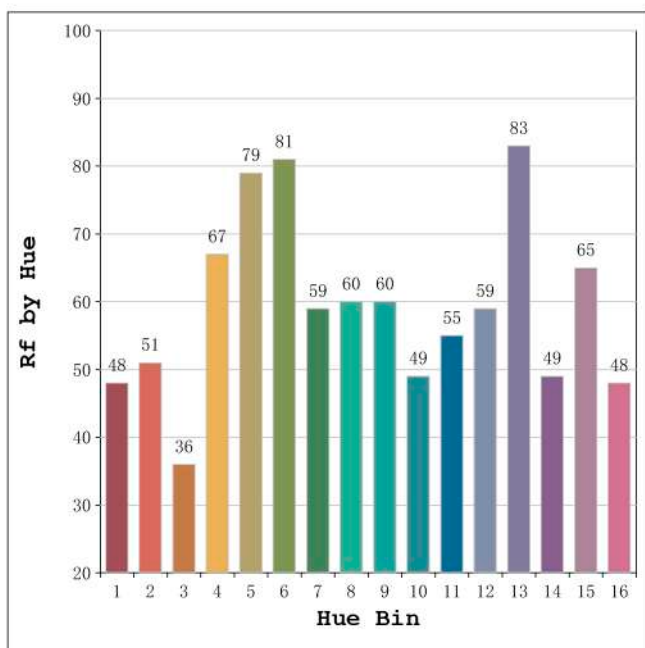
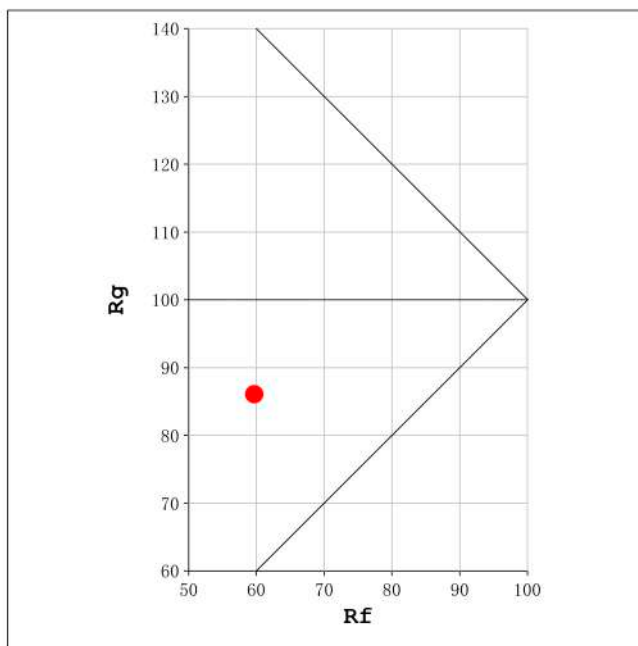
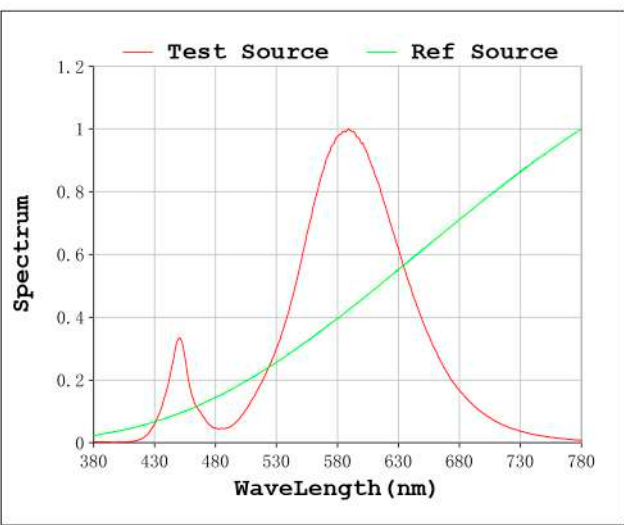
WHITE:ANSI_2700K

Status: Integral T = 459 ms Ip = 33186 (51%)

Model:Ecoled Topacio 2800K
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra S.L

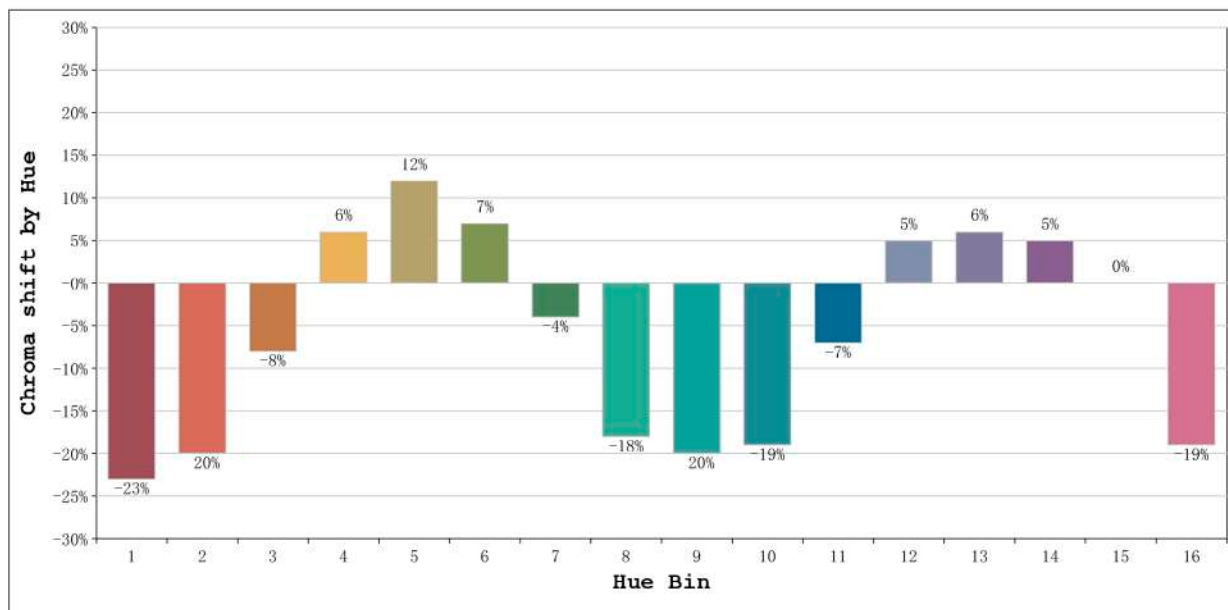
Number: 30.101
 Date:25-5-2021
 Humidity:57%
 Remarks:100cm tira Flexible

Rf: 60 CCT: 2643 K u': 0.2639
Rg: 86 Duv: 0.0046 v': 0.5351



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Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	48	-23	-2
2	22.5° - 45.0°	51	-20	15
3	45.0° - 67.5°	36	-8	28
4	67.5° - 90.0°	67	6	21
5	90.0° - 112.5°	79	12	8
6	112.5° - 135.0°	81	7	-7
7	135.0° - 157.5°	59	-4	-21
8	157.5° - 180.0°	60	-18	-11
9	180.0° - 202.5°	60	-20	0
10	202.5° - 225.0°	49	-19	19
11	225.0° - 247.5°	55	-7	27
12	247.5° - 270.0°	59	5	19
13	270.0° - 292.5°	83	6	0
14	292.5° - 315.0°	49	5	-28
15	315.0° - 337.5°	65	0	-22
16	337.5° - 360.0°	48	-19	-21

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