LUZ NEGRA
www.luznegra.net

ecoled

MEDIUM BRIGHTNESS | **BOXLED SLIM** | **RIGID STRIP**

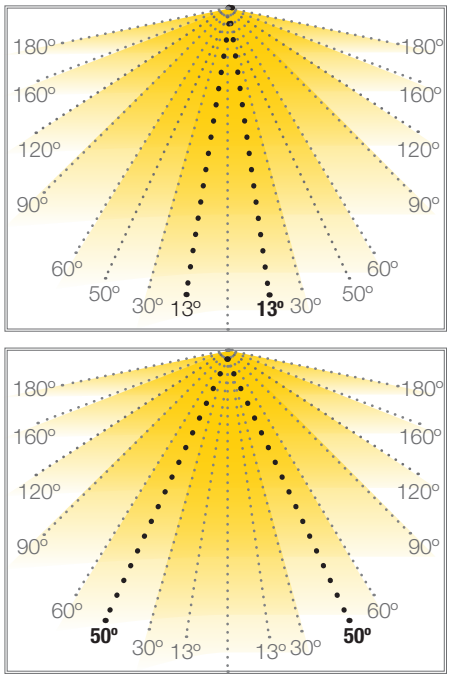
Ref: 37.001 **6500K**

Single coloured rigid led strip (cuttable) **"PRO"** series, IP33 with 6 leds 3535SMD.

13º/50º asymmetrical optics.

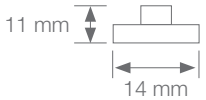
For a connect dissipation of this model, a led profile and heat dissipation tape will be required.

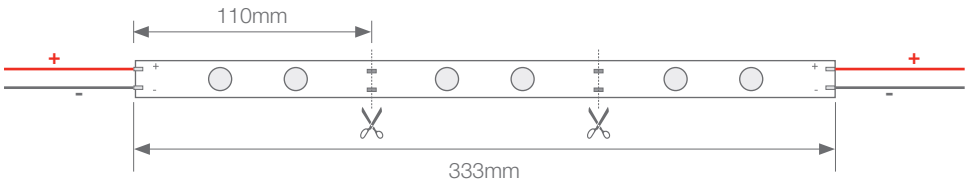
Daily recommended use: 18h



Power (W)	13.54W
Voltage (V)	24V
Led type	SMD3535
Lumens (6500K)	653Lm
Efficiency	49.62 Lm/W
Light emission	13º/ 50º asymmetric
Waterproofing (IP)	IP33
CRI	>71
Measurements	333x14x11mm
Cuttable	cada 110mm (2 leds)
Working temperature	-25°C / +60°C
Power supply	not included
Connecting cable	you need, not included
Fixing	adhesive tape, included
Packaging	1 unit
Guarantee	2 years

Aprobado por: CE RoHS





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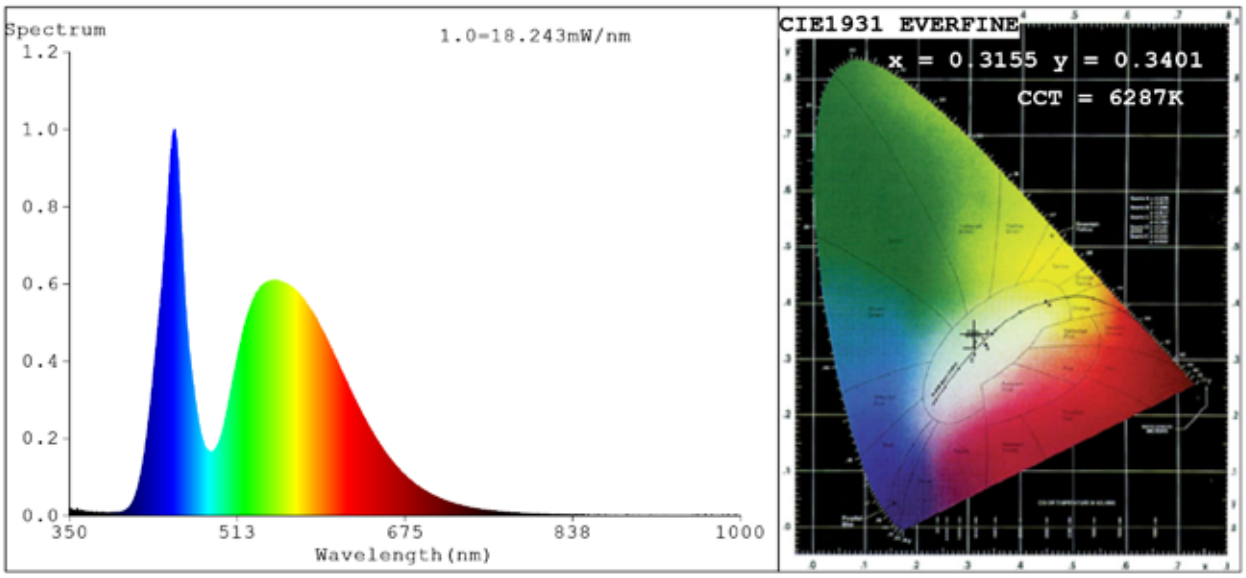
Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3155 y=0.3401/u'=0.1957 v'=0.4746

CCT=6287K(Duv=0.0074) Dominant WL:Ld =496.7nm Purity=5.6%

Ratio:R=12.0% G=83.9% B=4.1%;;Peak WL:Lp=451.9nm FWHM=27.4nm

Render Index:Ra=72.5 CRI=63.8 TM30:Rf=72 Rg=91

R1 =69	R2 =76	R3 =80	R4 =73	R5 =70	R6 =68	R7 =83	
R8 =60	R9 =0	R10=43	R11=69	R12=44	R13=70	R14=89	R15=64

Photo Parameters:

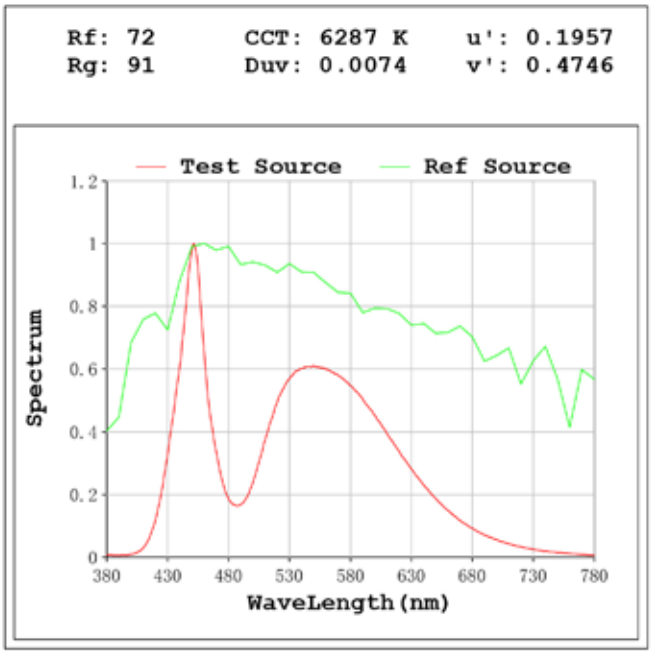
Flux = 653.0 lm Eff. : 49.62 lm/W Fe = 2.032 W

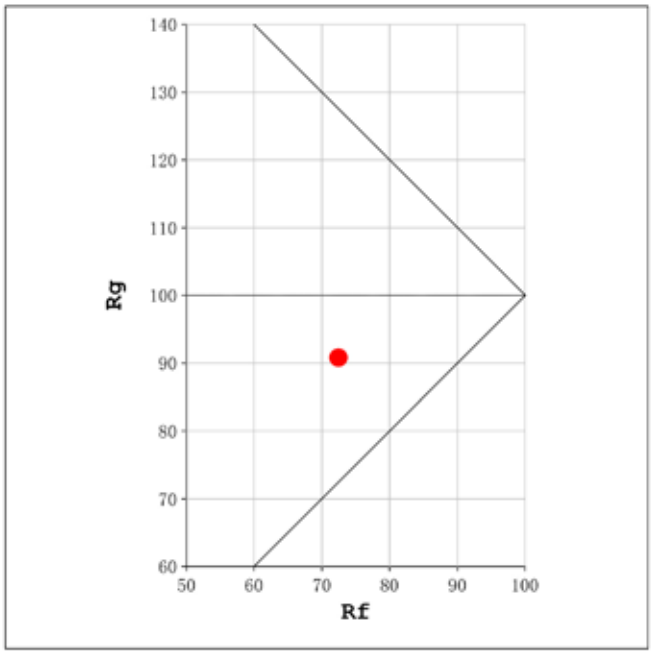
Electrical parameters:

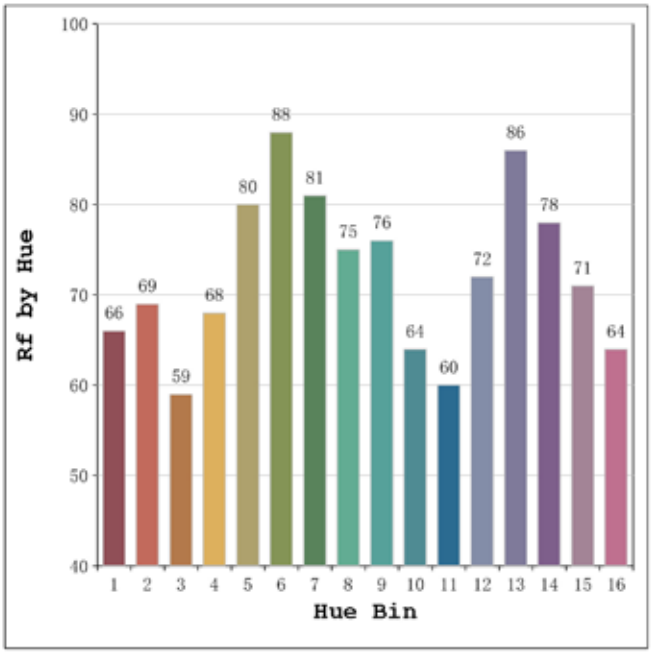
V = 23.998 V I = 0.5484 A P = 13.16 W PF = 1.000

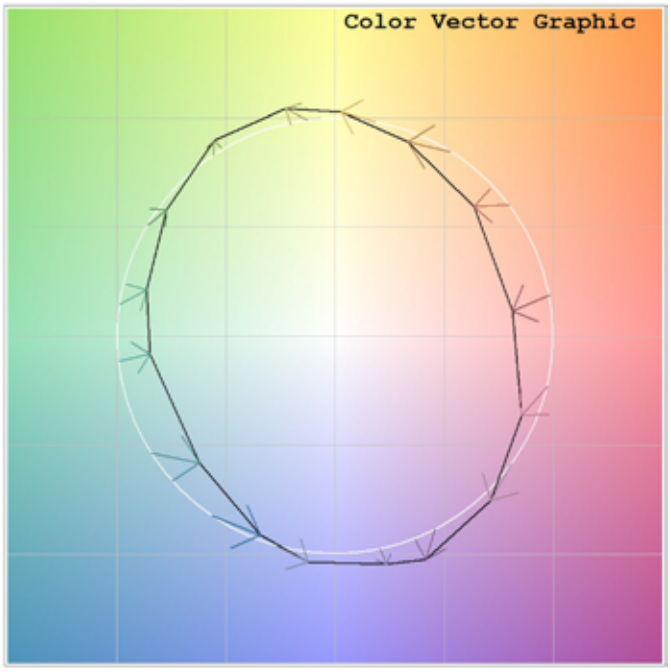
Status: Integral T = 1848 ms Ip = 45424 (69%)

Model:Ecoled Boxled slim	Number: 37.001
Tester:Sercio Carenros	Date:2025-01-10 09:50:10
Temperature:Deg	Humidity:40%
Manufacturer:Luz Negra S.L	Remarks:tira rigida boxled de 333mm









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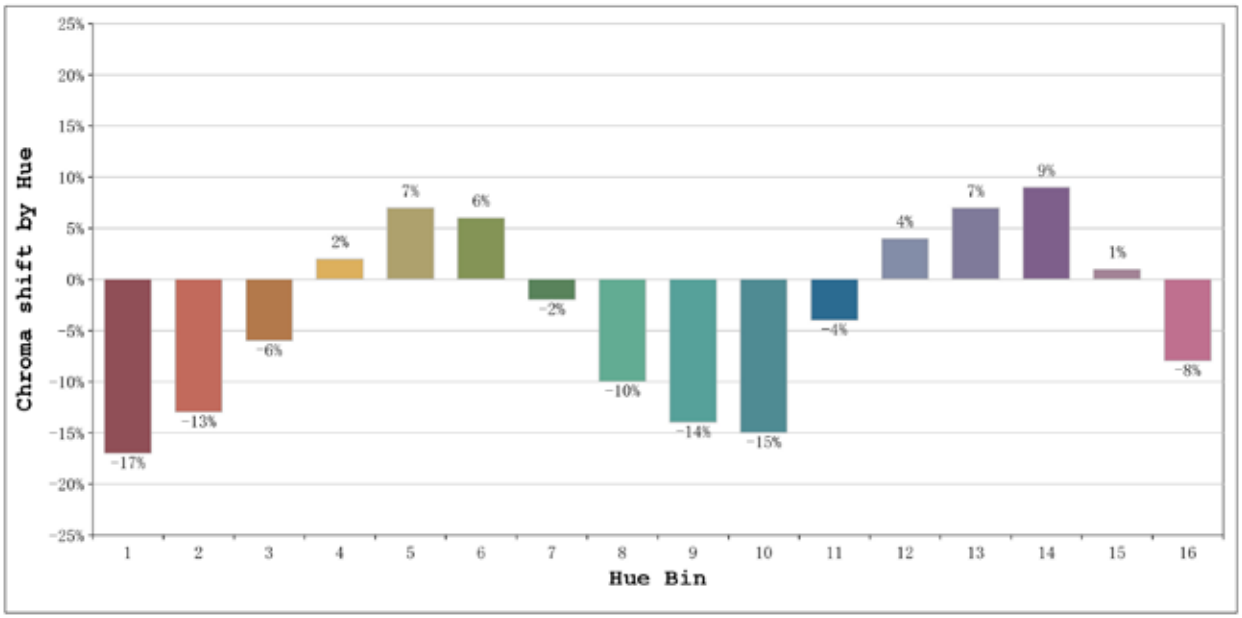

			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° - 22.5°	66	-17	-3
2	22.5° - 45.0°	69	-13	8
3	45.0° - 67.5°	59	-6	19
4	67.5° - 90.0°	68	2	16
5	90.0° - 112.5°	80	7	9
6	112.5° - 135.0°	88	6	-3
7	135.0° - 157.5°	81	-2	-9
8	157.5° - 180.0°	75	-10	-8
9	180.0° - 202.5°	76	-14	0
10	202.5° - 225.0°	64	-15	16
11	225.0° - 247.5°	60	-4	23
12	247.5° - 270.0°	72	4	15
13	270.0° - 292.5°	86	7	2
14	292.5° - 315.0°	78	9	-10
15	315.0° - 337.5°	71	1	-18
16	337.5° - 360.0°	64	-8	-14

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