

HIGH BRIGHTNESS

GERONA PRO

FLEXIBLE STRIP

Ref: 33.194

RGB

RGB flexible led strip "PRO"

IP20 with 224 leds/metre 3535SMD.

Requires use with led profile to permit dissipation.

Heat dissipation tape included.

12mm PCB

Daily recommended use: 18h

Maximum connection in open circuit: 4m

Maximum connection in closed circuit: 8m

Estimated lifespan: 50000h *

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



power



120°



voltage



IP20



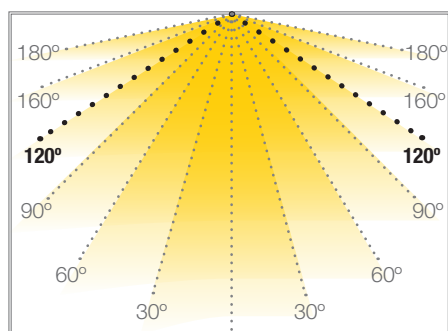
31.25mm



indoor

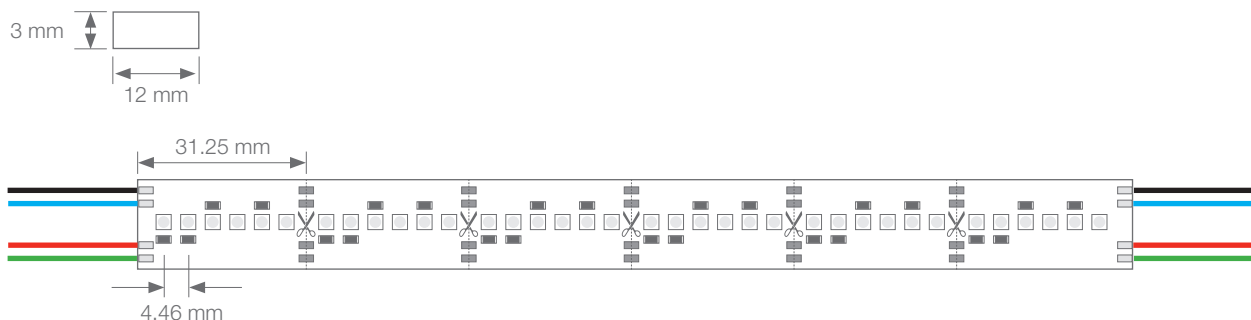


18h
máx.



Power (W)	23W/m
Voltage (V)	24V
Led type	SMD3535
Lumens (white)	1150 Lm/m
Light emission	120°
Waterproofing	IP20
N° leds/m	224
Measurements	5000x12x3mm
Cuttable	every 31.25mm
PCB	12mm
Working temperature	-20°C / +40°C
Sequencer	not included
Apt for	indoor
Packaging	1 roll/5m
Guarantee	3 years

Aprobado por: 

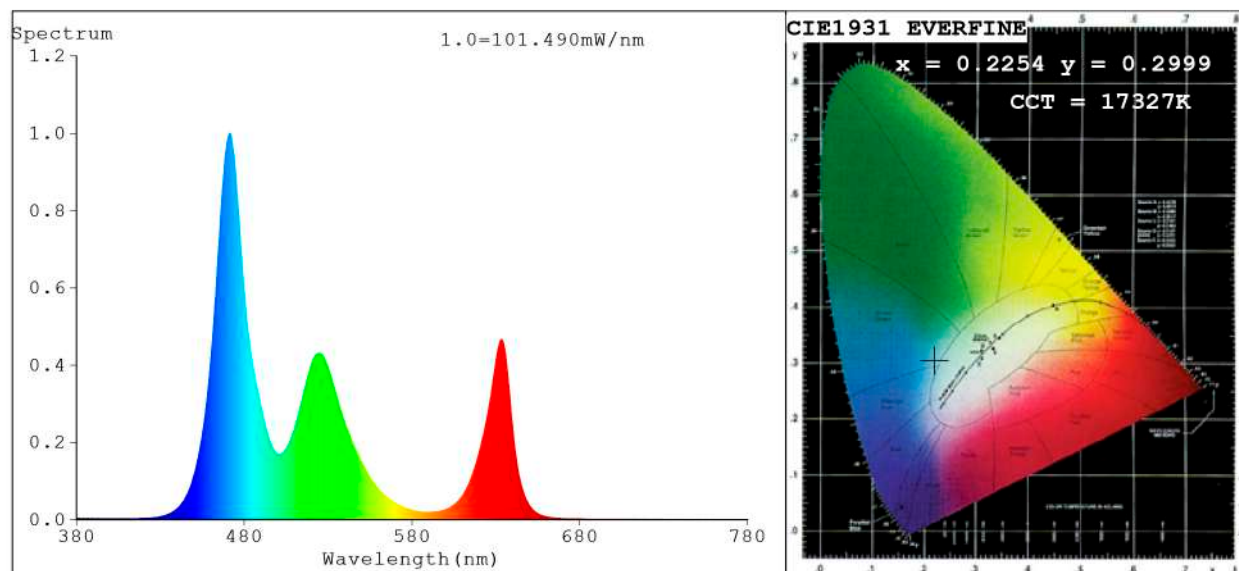


BARCELONA
C/ Carles Buigues, 13
08420 Canovelles
Info@luznegra.net
Tel: +34 938 402 598

MADRID
C/ Adaptación, 27
28906 Getafe
centro@luznegra.net
Tel: +34 916 416 081

PARIS
113 Avenue Joffre
77450 Esbly
france@luznegra.net
Tel: +33 (0) 160 426 585

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2254$ $y=0.2999$ $u'=0.1466$ $v'=0.4390$
 CCT=17327K (Duv=0.0403) Dominant WL: $\lambda_d = 487.7\text{nm}$ Purity=39.0%
 Ratio: R=14.1% G=70.7% B=15.2%; Peak WL: $\lambda_p = 471.4\text{nm}$ FWHM=20.2nm
 Render Index: Ra=68.6 CRI=62.4 TM30: Rf=52 Rg=90 Lav=504.1nm
 R1 =81 R2 =70 R3 =73 R4 =62 R5 =91 R6 =68 R7 =56
 R8 =48 R9 =0 R10=40 R11=72 R12=65 R13=64 R14=85 R15=60

Photo Parameters:

Flux = 1290 lm Eff. : 59.64 lm/W Fe = 5.215 W Scotopic: 5249.8 S/P: 4.0687

Electrical parameters:

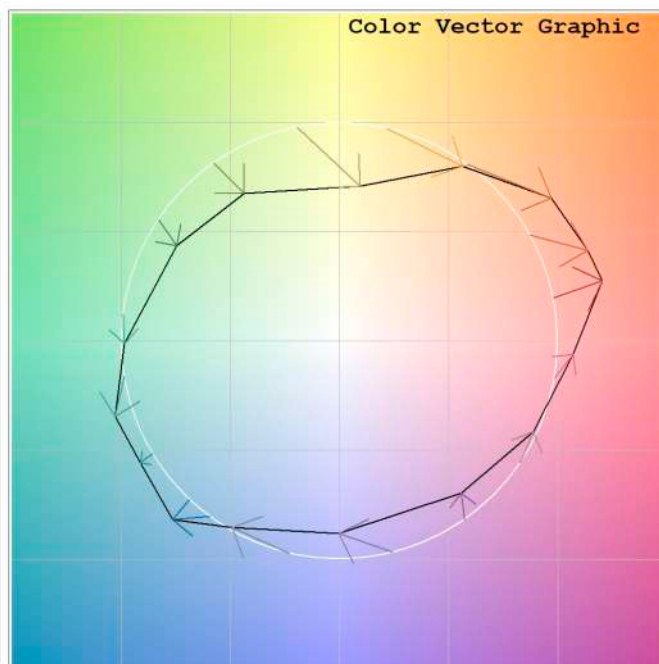
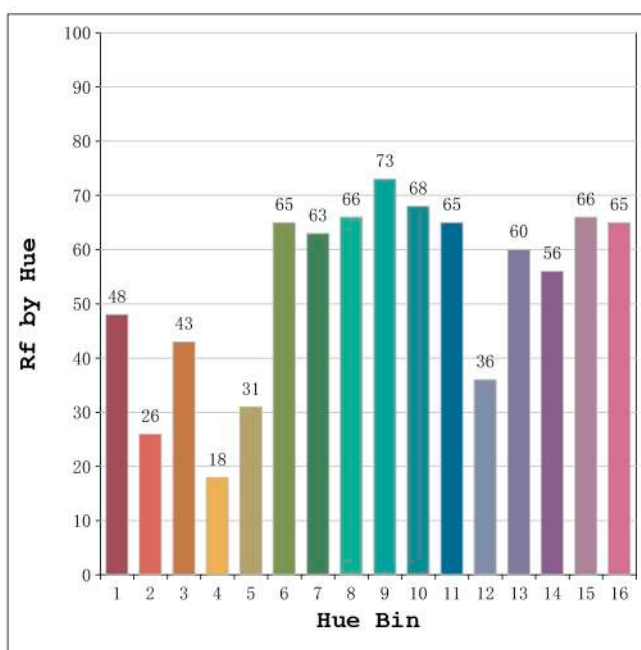
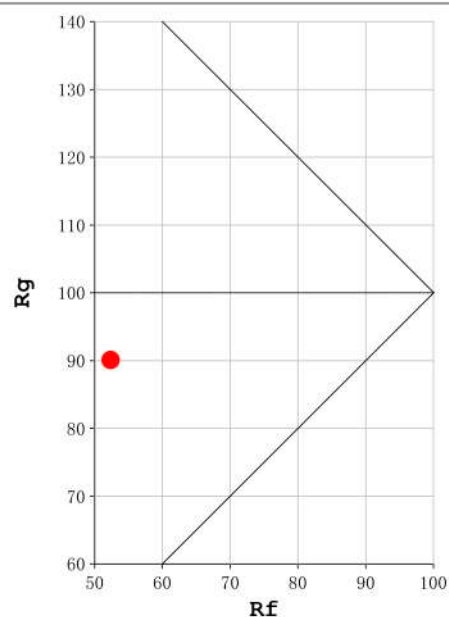
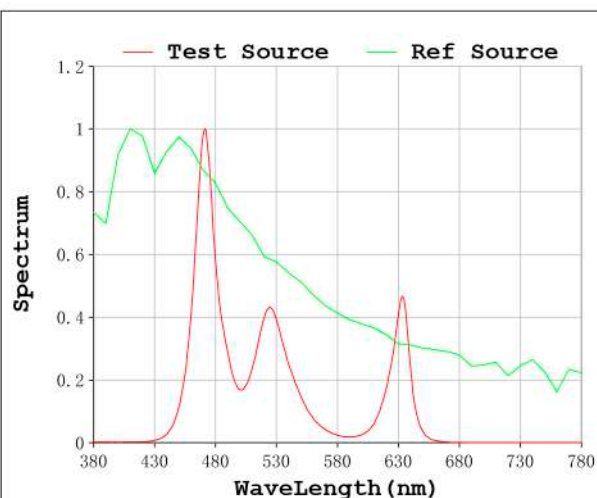
V = 23.998 V I = 0.9015 A P = 21.63 W PF = 1.000

Status: Integral T = 311 ms Ip = 53839 (82%)

Model: Ecoled Gerona pro R+G+B
 Tester: Sergio Carneros
 Temperature: 25Deg
 Manufacturer: Luz Negra.S.L

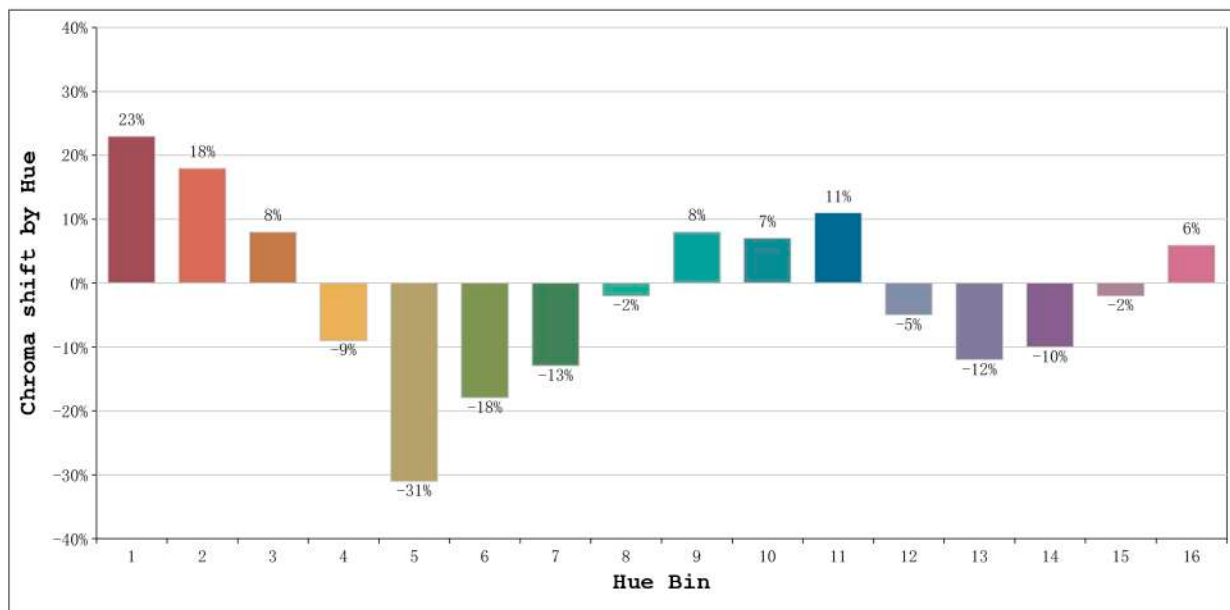
Number: 33.194
 Date: 2021-02-23 11:22:27
 Humidity: 57%
 Remarks: 100cm Tira flexible

Rf: 52 CCT: 17327 K u': 0.1466
Rg: 90 Duv: 0.0403 v': 0.4390



Model:Ecoled Gerona pro R+G+B
Tester:Sergio Carneros
Temperature:25Deg
Manufacturer:Luz Negra.S.L

Number:33.194
Date:2021-02-23 11:22:27
Humidity:57%
Remarks:100cm Tira flexible



			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° - 22.5°	48	23	3
2	22.5° - 45.0°	26	18	-19
3	45.0° - 67.5°	43	8	-40
4	67.5° - 90.0°	18	-9	-36
5	90.0° - 112.5°	31	-31	-22
6	112.5° - 135.0°	65	-18	-3
7	135.0° - 157.5°	63	-13	5
8	157.5° - 180.0°	66	-2	13
9	180.0° - 202.5°	73	8	17
10	202.5° - 225.0°	68	7	0
11	225.0° - 247.5°	65	11	-12
12	247.5° - 270.0°	36	-5	-27
13	270.0° - 292.5°	60	-12	-22
14	292.5° - 315.0°	56	-10	6
15	315.0° - 337.5°	66	-2	15
16	337.5° - 360.0°	65	6	12

Model:Ecoled Gerona pro R+G+B
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra.S.L

Number:33.194
 Date:2021-02-23 11:22:27
 Humidity:57%
 Remarks:100cm Tira flexible