

DIGITAL LED

SEYCHELLES

FLEXIBLE STRIP

Ref: 35.003

RGB DIGITAL

Flexible led strip with digital led in **RGB "PRO"** series
IP20 with 120 leds/metre and cuttable every 6 leds.

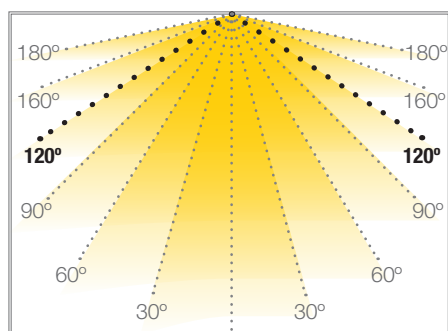
Requires use with led profile to permit dissipation.

12mm PCB

Maximum connection in open circuit: 5m

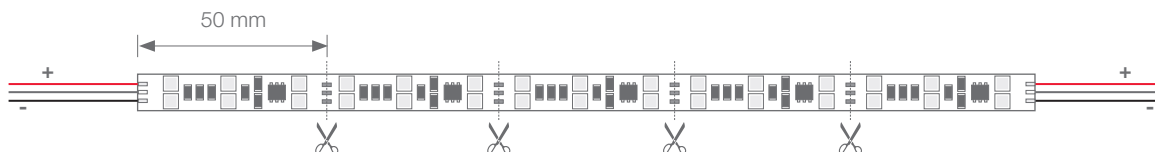
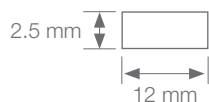
Estimated lifespan: 50000h *

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



Power (W)	28.8W/m
Voltage (V)	24V
IC type	SM16703
Lumens	592 Lm/m
Led control	every 6 led
Light emission	120°
Waterproofing	IP20
N° leds/m	120
Measurements	5000x12x2.5mm
Cuttable	every 50mm
PCB	12mm
Working temperature	-20°C / +50°C
Apt for	indoor
Packaging	1 roll/5m
Guarantee	3 years

Aprobado por:  

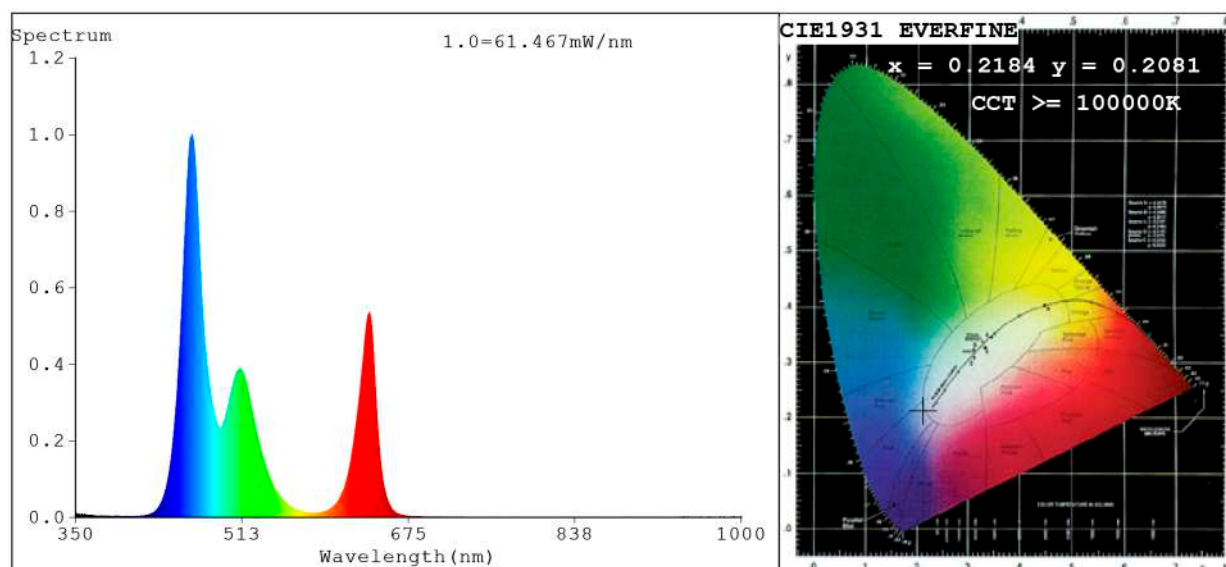


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Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2184$ $y=0.2081$ $u'=0.1726$ $v'=0.3701$
 CCT=100000K (Duv=0.0208) Dominant WL:Ld =475.3nm Purity=51.2%
 Ratio:R=21.0% G=59.6% B=19.3%; Peak WL:Lp=463.6nm FWHM=22.0nm
 Render Index:Ra=34.3 CRI=31.7 TM30:Rf=28 Rg=115
 R1 =24 R2 =32 R3 =39 R4 =55 R5 =45 R6 =32 R7 =48
 R8 =0 R9 =0 R10=0 R11=51 R12=37 R13=19 R14=62 R15=0

Photo Parameters:

Flux = 592.2 lm Eff. : 22.08 lm/W Fe = 3.290 W Scotopic:3059.7 S/P:5.1667

Electrical parameters:

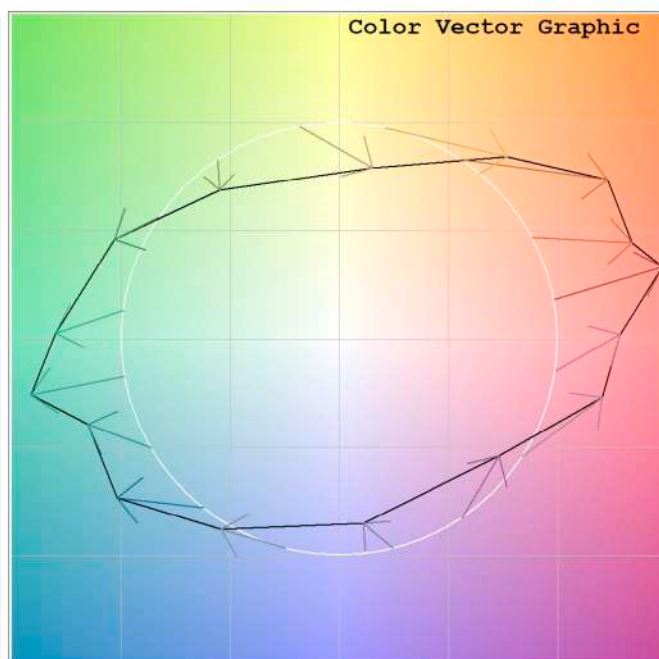
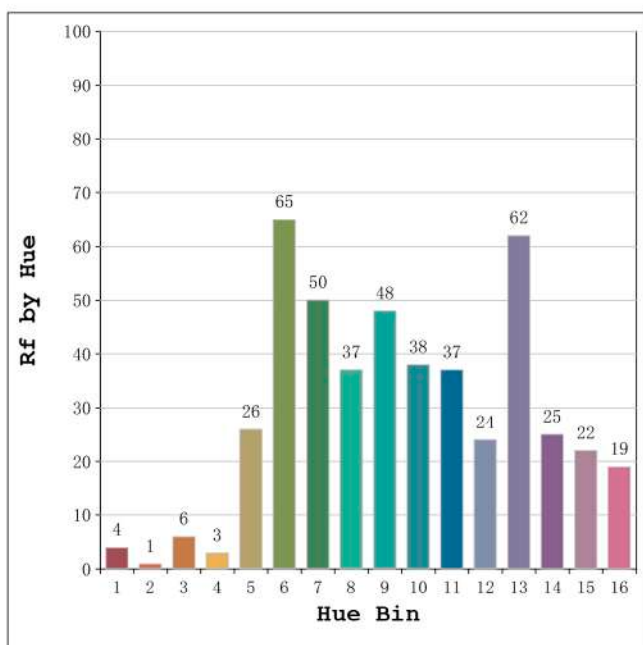
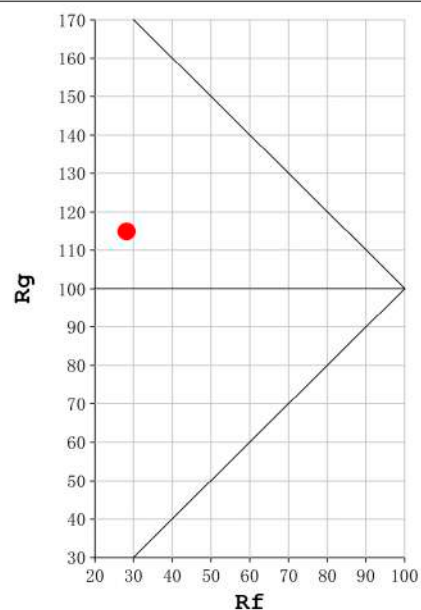
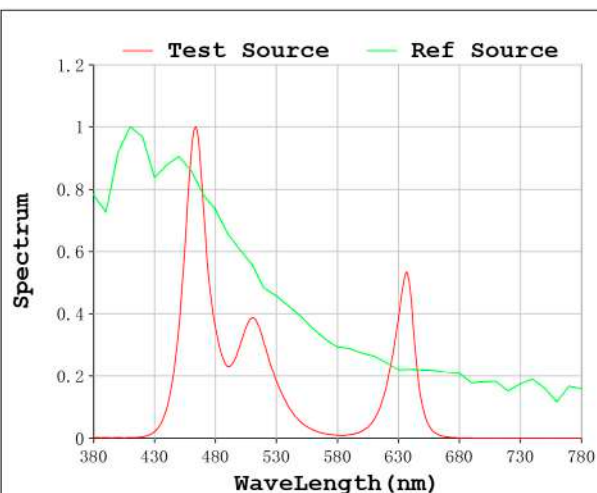
V = 23.998 V I = 1.117 A P = 26.82 W PF = 1.000

Status: Integral T = 438 ms Ip = 46209 (71%)

Model:Ecoled Seychelles
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra S.L

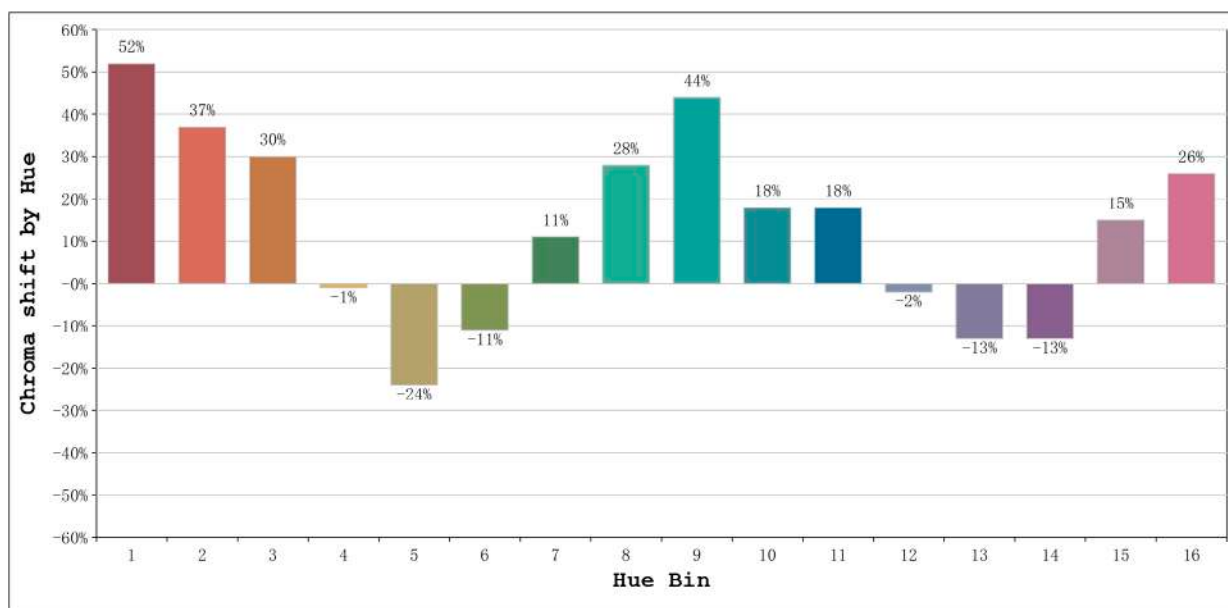
Number: 35.003
 Date:26-5-2021
 Humidity:57%
 Remarks:100cm de tira flexible

Rf: 28 CCT: 100000 K u': 0.1726
Rg: 115 Duv: 0.0208 v': 0.3701



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			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° - 22.5°	4	52	5
2	22.5° - 45.0°	1	37	-27
3	45.0° - 67.5°	6	30	-60
4	67.5° - 90.0°	3	-1	-56
5	90.0° - 112.5°	26	-24	-28
6	112.5° - 135.0°	65	-11	7
7	135.0° - 157.5°	50	11	20
8	157.5° - 180.0°	37	28	17
9	180.0° - 202.5°	48	44	0
10	202.5° - 225.0°	38	18	-24
11	225.0° - 247.5°	37	18	-35
12	247.5° - 270.0°	24	-2	-30
13	270.0° - 292.5°	62	-13	-10
14	292.5° - 315.0°	25	-13	30
15	315.0° - 337.5°	22	15	43
16	337.5° - 360.0°	19	26	23

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