

DIGITAL LED

FIJI

FLEXIBLE STRIP

Ref: 35.001

RGB DIGITAL

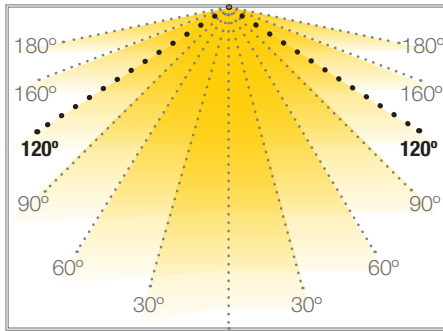
Flexible led strip with digital led in **RGB "PRO"** series
IP20 with 60 leds/metre and cuttable every led.
Requires use with led profile to permit dissipation.

5mm PCB

Maximum connection in open circuit: 2m.

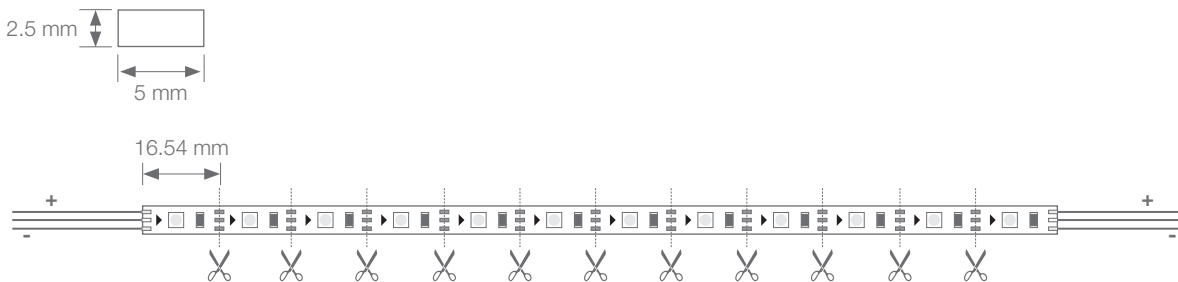
Estimated lifespan: 50000h *

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



Power (W)	11.5W/m
Voltage (V)	5V
IC type	SK6812
Lumens	308 Lm/m
CRI	>50
Led control	led to led
Light emission	120°
Waterproofing	IP20
N° leds/m	60
Measurements	5000x5x2.5mm
Cuttable	every 16.54mm
PCB	5mm
Working temperature	-20°C / +50°C
Apt for	indoor
Packaging	1 roll/5m
Guarantee	3 years

Approved by:

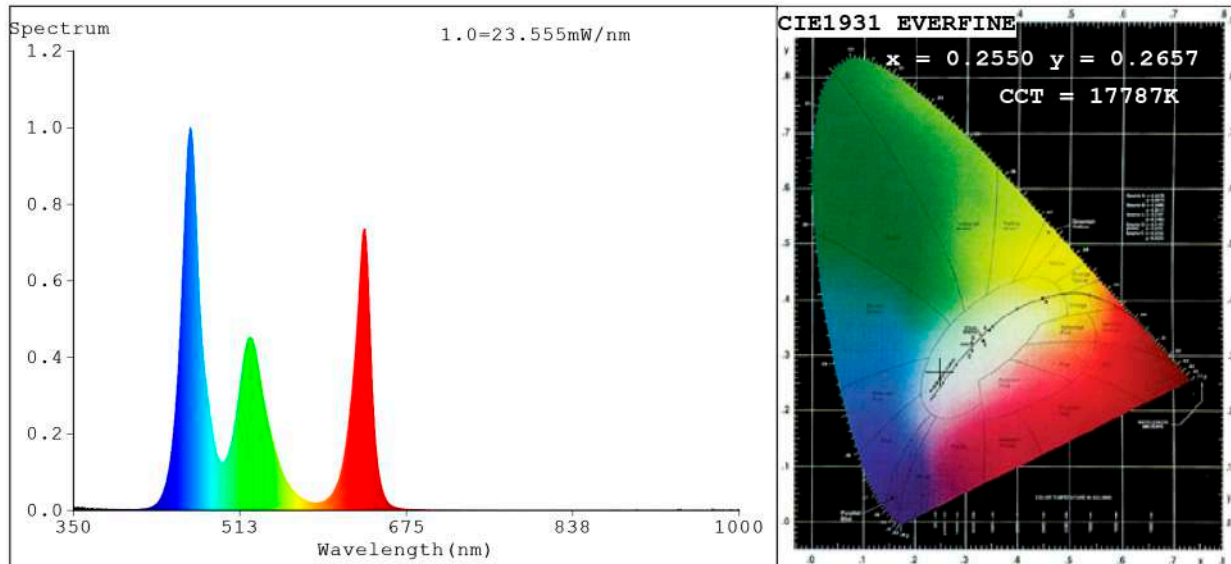


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Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2550$ $y=0.2657$ $u'=0.1796$ $v'=0.4211$
 CCT=17787K (Duv=0.0052) Dominant WL: $L_d = 479.4\text{nm}$ Purity=32.7%
 Ratio: R=21.2% G=67.3% B=11.5% ; Peak WL: $L_p = 464.2\text{nm}$ FWHM=19.2nm
 Render Index: Ra=51.0 CRI=47.1 TM30: Rf=48 Rg=114
 R1 =34 R2 =64 R3 =77 R4 =54 R5 =56 R6 =65 R7 =57
 R8 =0 R9 =0 R10=24 R11=47 R12=61 R13=38 R14=82 R15=10

Photo Parameters:

Flux = 308.1 lm Eff. : 27.68 lm/W $F_e = 1.340$ W Scotopic:1151.2 S/P:3.7366

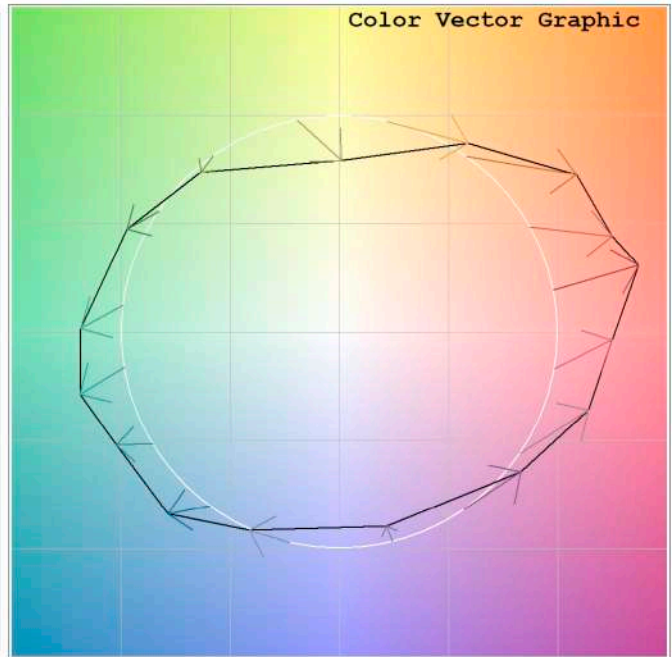
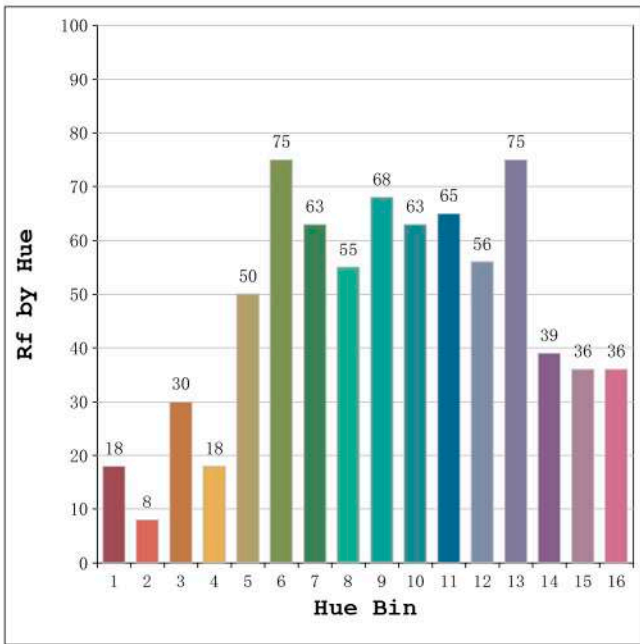
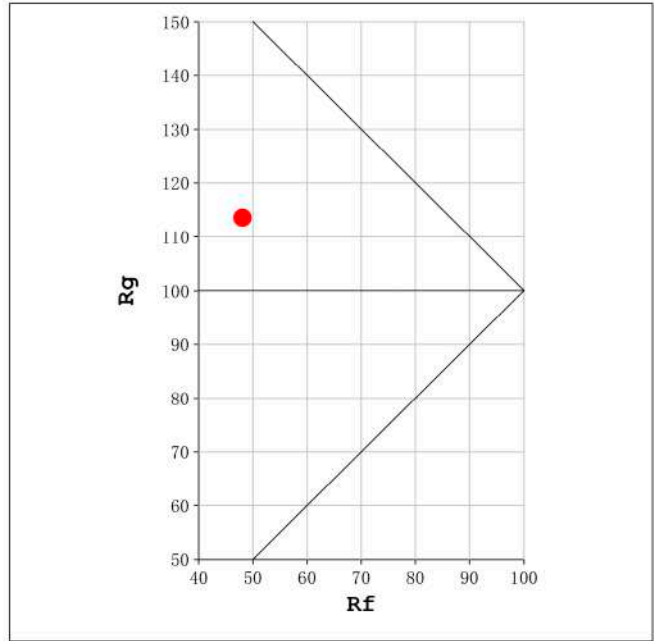
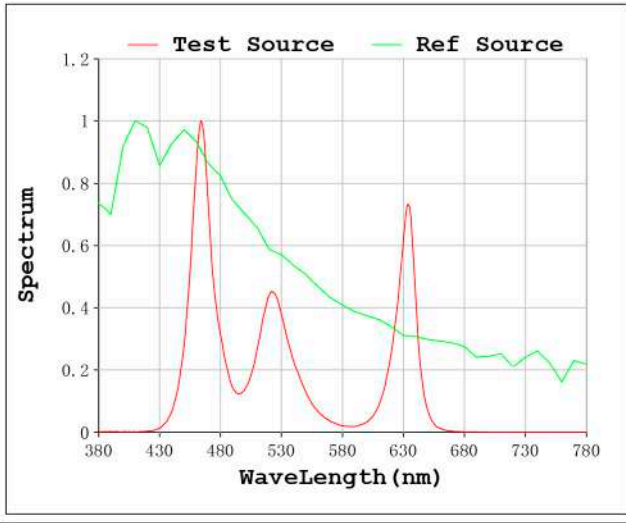
Electrical parameters:

V = 4.9998 V I = 2.226 A P = 11.13 W PF = 1.000

Status: Integral T = 1328 ms $I_p = 53709$ (82%)

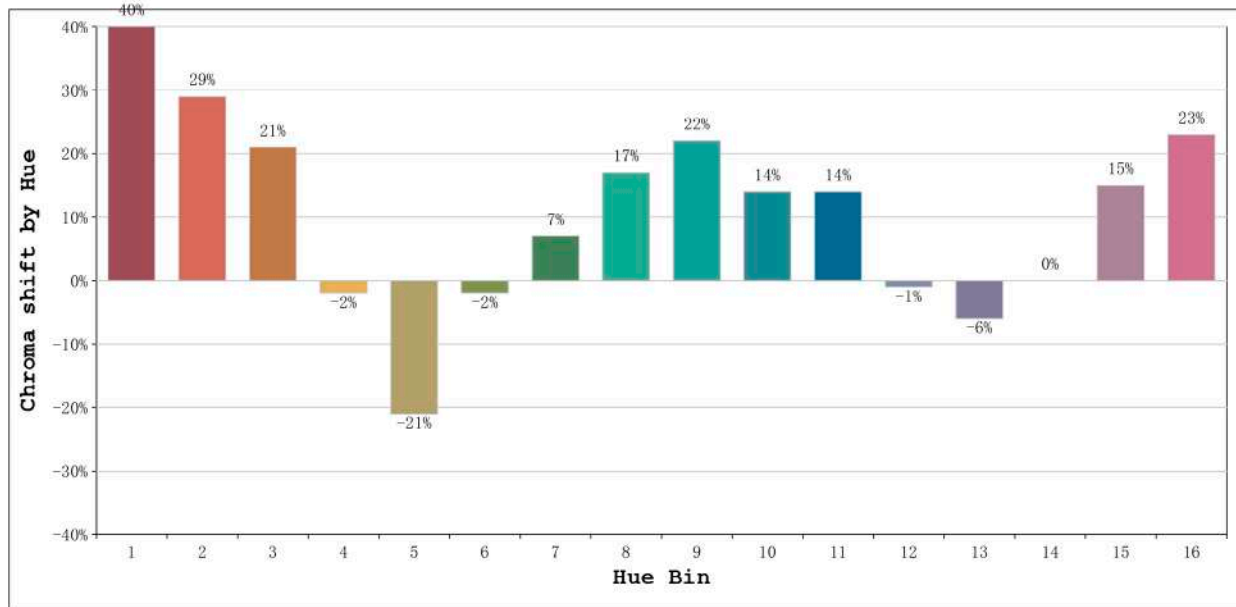
Model: Ecoled Fiji	Number: 35.001
Tester: Sergio Carneros	Date: 26-5-2021
Temperature: 25Deg	Humidity: 57%
Manufacturer: Luz Negra S.L	Remarks: 100cm de tira flexible

Rf: 48 CCT: 17787 K u': 0.1796
Rg: 114 Duv: 0.0052 v': 0.4211



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Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	18	40	4
2	22.5° - 45.0°	8	29	-23
3	45.0° - 67.5°	30	21	-45
4	67.5° - 90.0°	18	-2	-37
5	90.0° - 112.5°	50	-21	-16
6	112.5° - 135.0°	75	-2	9
7	135.0° - 157.5°	63	7	15
8	157.5° - 180.0°	55	17	14
9	180.0° - 202.5°	68	22	8
10	202.5° - 225.0°	63	14	-8
11	225.0° - 247.5°	65	14	-13
12	247.5° - 270.0°	56	-1	-18
13	270.0° - 292.5°	75	-6	0
14	292.5° - 315.0°	39	0	31
15	315.0° - 337.5°	36	15	34
16	337.5° - 360.0°	36	23	18

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