

DIGITAL LED

MIKONOS

FLEXIBLE STRIP

Ref: 35.009

RGB DIGITAL

IP67 with 60 leds/metre 5050SMD.

12mm PCB

Daily recommended use: 12h

Maximum connection in open circuit: 10m

Maximum connection in closed circuit: 20m

Estimated lifespan: 30000h *

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



power



120°



voltage



IP67



1 led



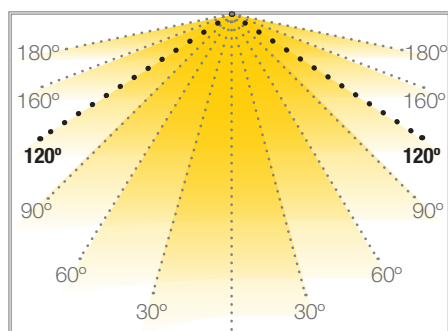
indorr



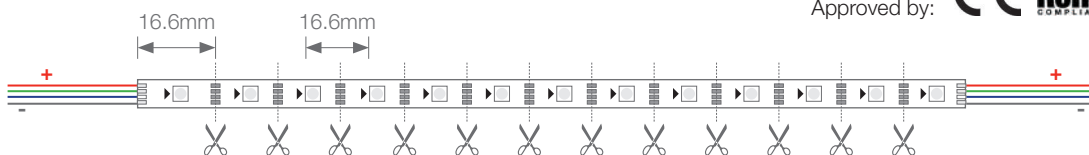
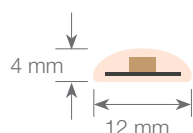
outdoor



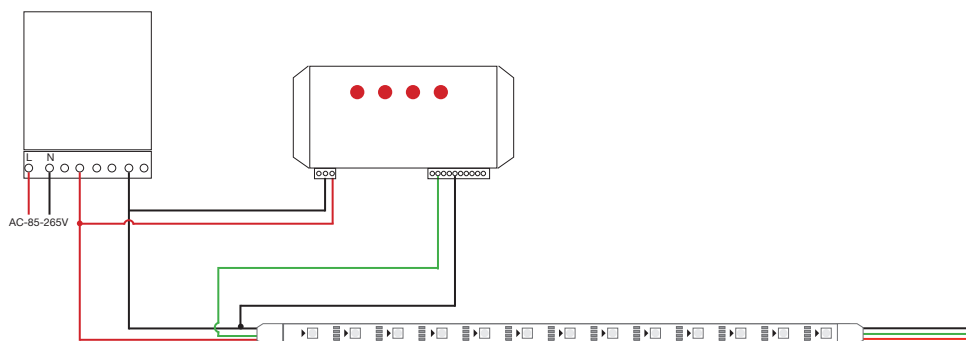
work



Power (W)	9W/m
Voltage (V)	12V
Led type	SMD5050
IC type	WS2815
Lumens	253 Lm/m
Light emission	120°
Waterproofing	IP67
N° leds/m	60
Measurements	5000x12x4mm
Cuttable	every 1 led
PCB	12mm
Working temperature	-20°C / +40°C
Apt for	indoor / outdoor
Packaging	1 roll/5m
Guarantee	2 years



Approved by:

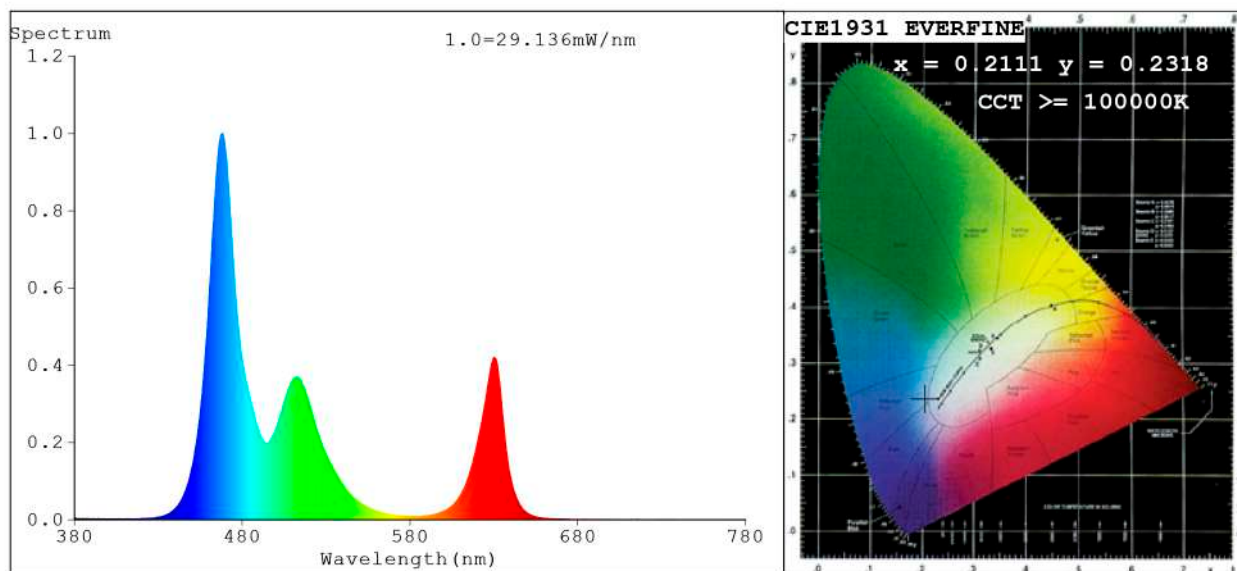


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Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2111$ $y=0.2318$ $u'=0.1576$ $v'=0.3893$
 CCT=100000K (Duv=0.0239) Dominant WL: $\lambda_d = 480.0nm$ Purity=50.5%
 Ratio: R=19.1% G=60.6% B=20.3%; Peak WL: $\lambda_p = 468.3nm$ FWHM=18.5nm
 Render Index: Ra=40.6 CRI=38.7 TM30: Rf=29 Rg=99
 R1 =43 R2 =38 R3 =29 R4 =57 R5 =63 R6 =36 R7 =40
 R8 =17 R9 =0 R10=0 R11=78 R12=48 R13=33 R14=58 R15=24

Photo Parameters:

Flux = 252.9 lm Eff. : 27.93 lm/W Fe = 1.280 W Scotopic:1317 S/P:5.2084

Electrical parameters:

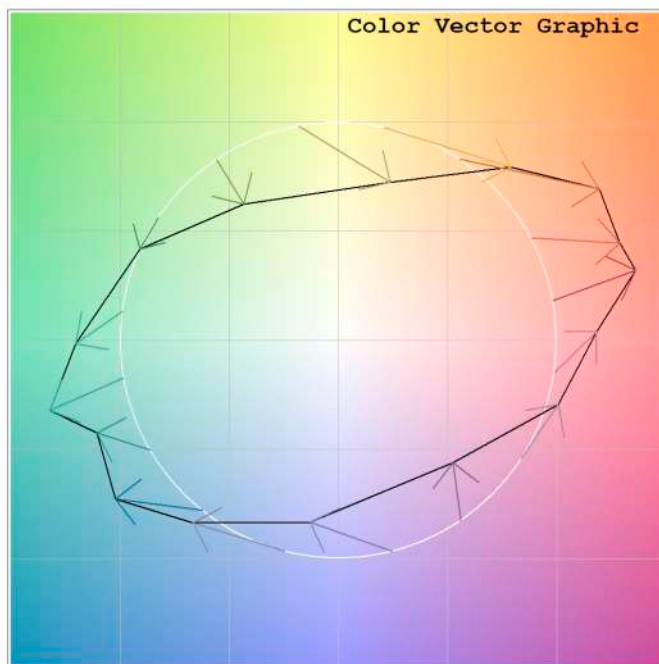
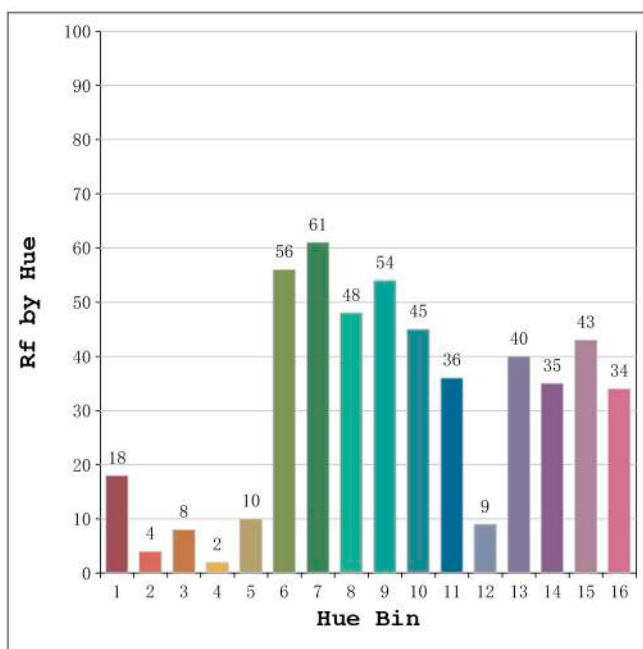
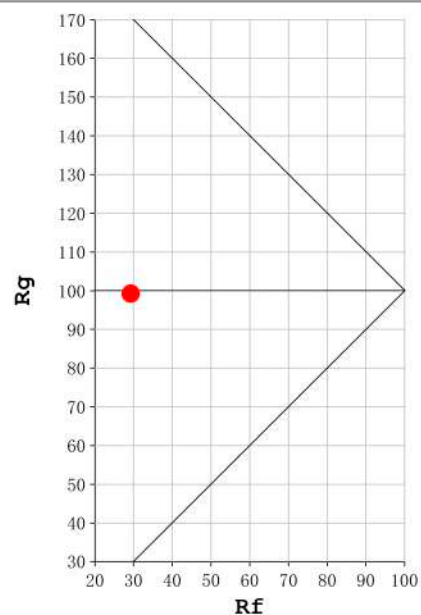
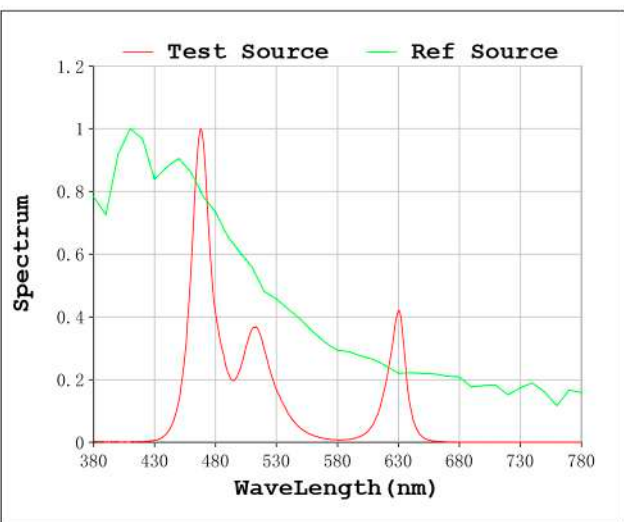
V = 11.998 V I = 0.7545 A P = 9.052 W PF = 1.000

Status: Integral T = 1181 ms Ip = 41251 (63%)

Model: Mikonos
 Tester: Sergio Carneros
 Temperature: 27Deg
 Manufacturer: Luz Negra S.L.

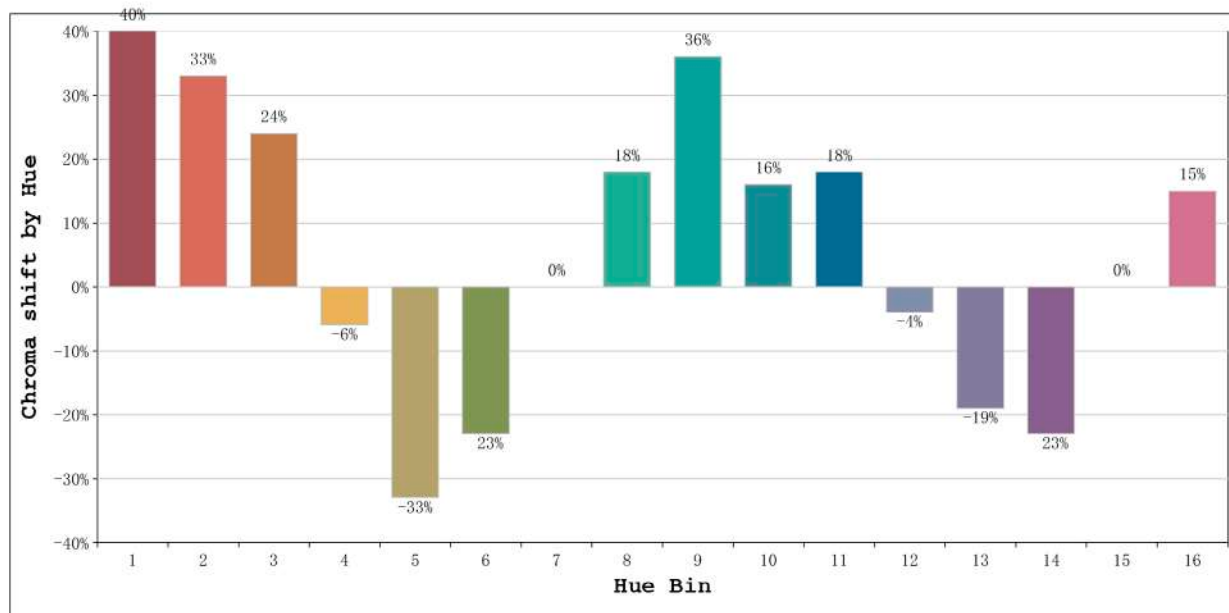
Number: 35.009
 Date: 2020-11-03 17:28:10
 Humidity: 35%
 Remarks: Led Strip 100cm

Rf: 29 CCT: 100000 K u': 0.1576
Rg: 99 Duv: 0.0239 v': 0.3893



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Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	18	40	6
2	22.5° - 45.0°	4	33	-24
3	45.0° - 67.5°	8	24	-60
4	67.5° - 90.0°	2	-6	-59
5	90.0° - 112.5°	10	-33	-35
6	112.5° - 135.0°	56	-23	1
7	135.0° - 157.5°	61	0	17
8	157.5° - 180.0°	48	18	19
9	180.0° - 202.5°	54	36	8
10	202.5° - 225.0°	45	16	-19
11	225.0° - 247.5°	36	18	-35
12	247.5° - 270.0°	9	-4	-43
13	270.0° - 292.5°	40	-19	-34
14	292.5° - 315.0°	35	-23	12
15	315.0° - 337.5°	43	0	30
16	337.5° - 360.0°	34	15	23

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