

MEDIUM BRIGHTNESS

JEREZ

FLEXIBLE STRIP

Ref: 32.028

RGB

RGB flexible led strip "PRO"

IP20 with 48 leds/metre 5050SMD.

Requires use with led profile to permit dissipation.

Heat dissipation tape included.

8.5mm PCB

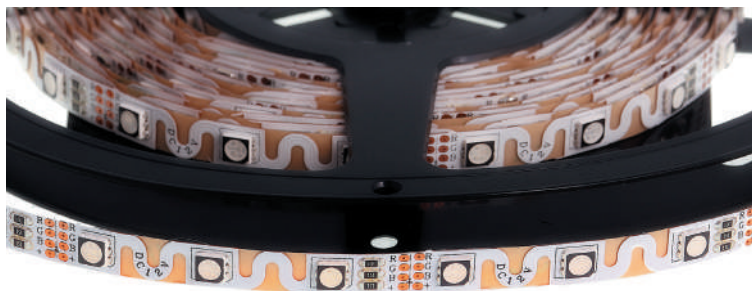
Daily recommended use: 18h

Maximum connection in open circuit: 3.5m

Maximum connection in closed circuit: 7m

Estimated lifespan: 50000h *

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



power



120°



voltage



IP20



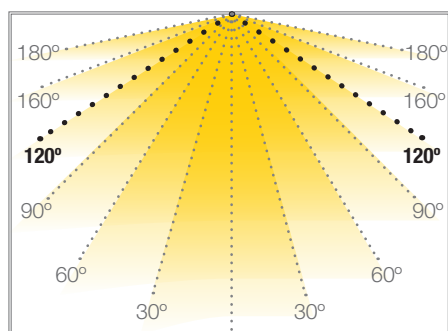
60mm



indoor

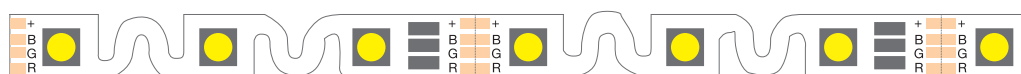
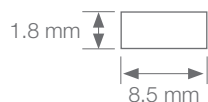


work



Power (W)	11.5W/m
Voltage (V)	12V
Led type	SMD5050
Lumens (white)	400 Lm/m
CRI	>25
Light emission	120°
Waterproofing	IP20
N° leds/m	48
Measurements	5000x8.5x1.8mm
Cuttable	every 60mm
PCB	8.5mm
Working temperature	-20°C / +40°C
Sequencer	not included
Apt for	indoor
Packaging	1 roll/5m
Guarantee	3 years

Aprobado por:  

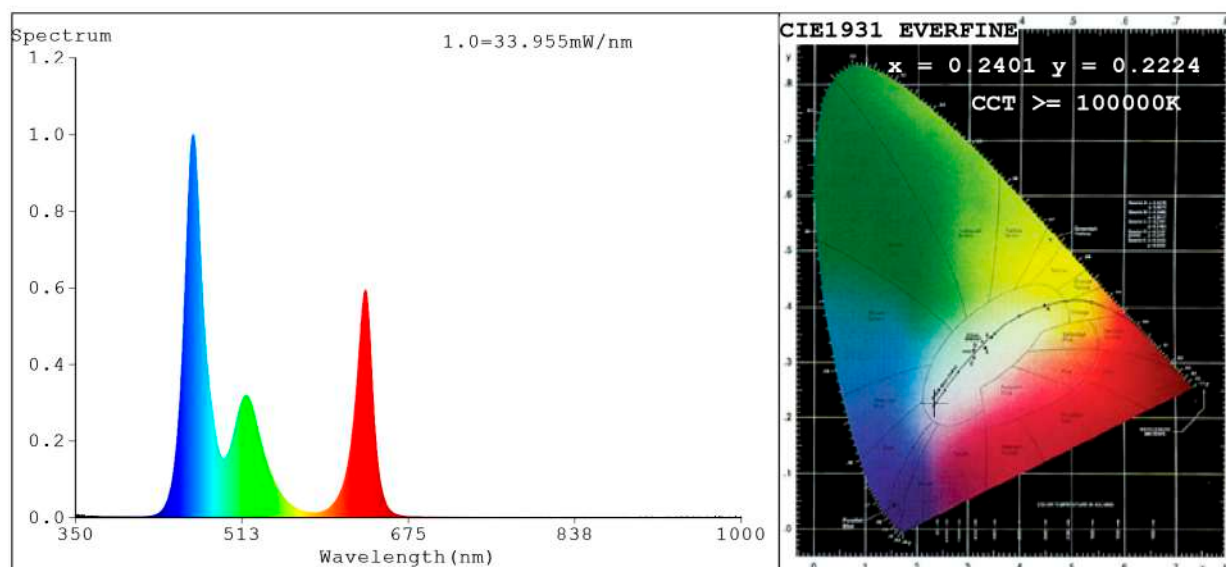


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Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2401$ $y=0.2224$ $u'=0.1851$ $v'=0.3858$

CCT=100000K (Duv=-0.0098) Dominant WL:Ld =473.1nm Purity=42.8%

Ratio:R=24.2% G=58.8% B=17.0%; Peak WL:Lp=464.6nm FWHM=20.0nm

Render Index:Ra=29.4 CRI=27.1 TM30:Rf=30 Rg=115

R1 =6 R2 =30 R3 =55 R4 =35 R5 =32 R6 =32 R7 =46

R8 =0 R9 =0 R10=0 R11=30 R12=36 R13=6 R14=71 R15=0

Photo Parameters:

Flux = 325.1 lm Eff. : 34.18 lm/W Fe = 1.680 W Scotopic:1494.8 S/P:4.5981

Electrical parameters:

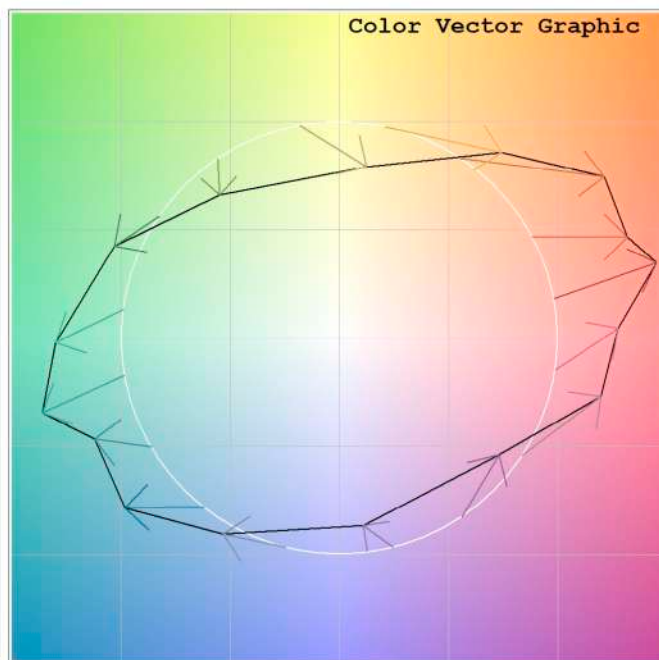
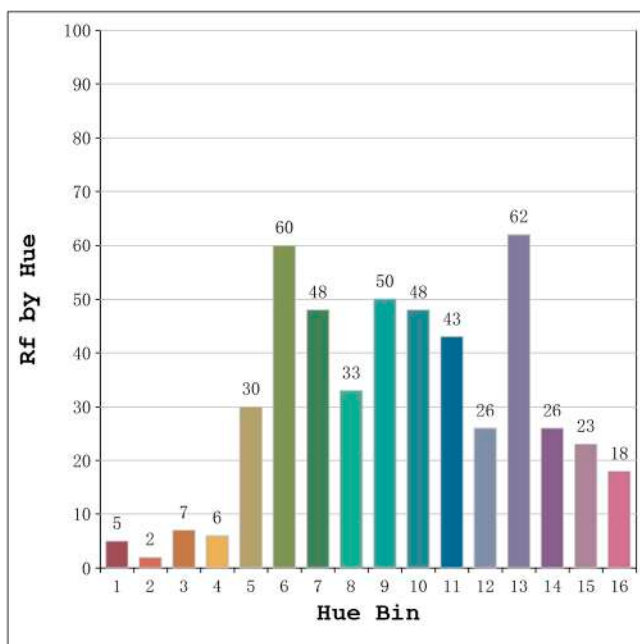
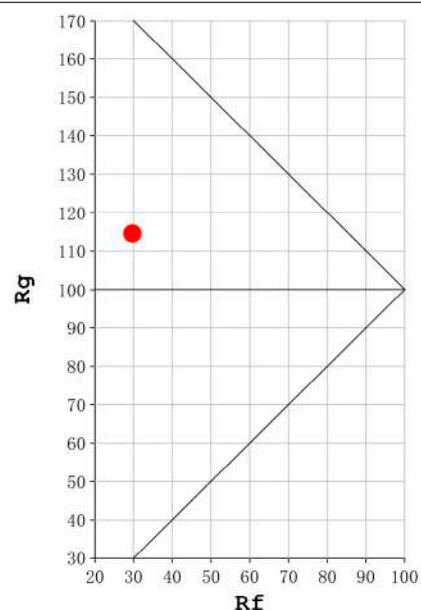
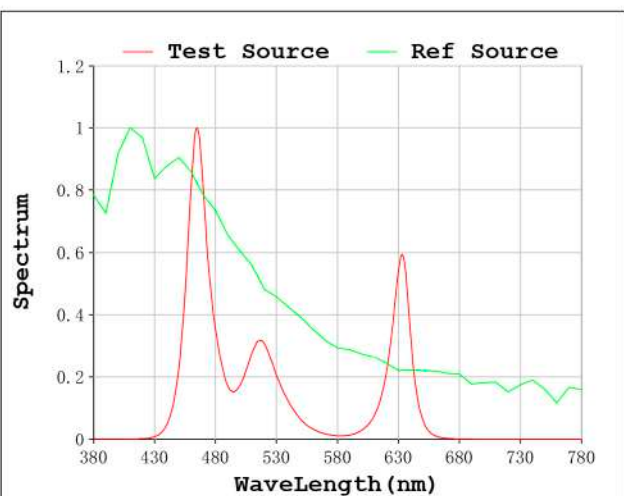
V = 11.998 V I = 0.7927 A P = 9.511 W PF = 1.000

Status: Integral T = 825 ms Ip = 49681 (76%)

Model:Ecoled Jerez RGB
 Tester:Sergio Carneros
 Temperature:21Deg
 Manufacturer:Luz Negra S.L

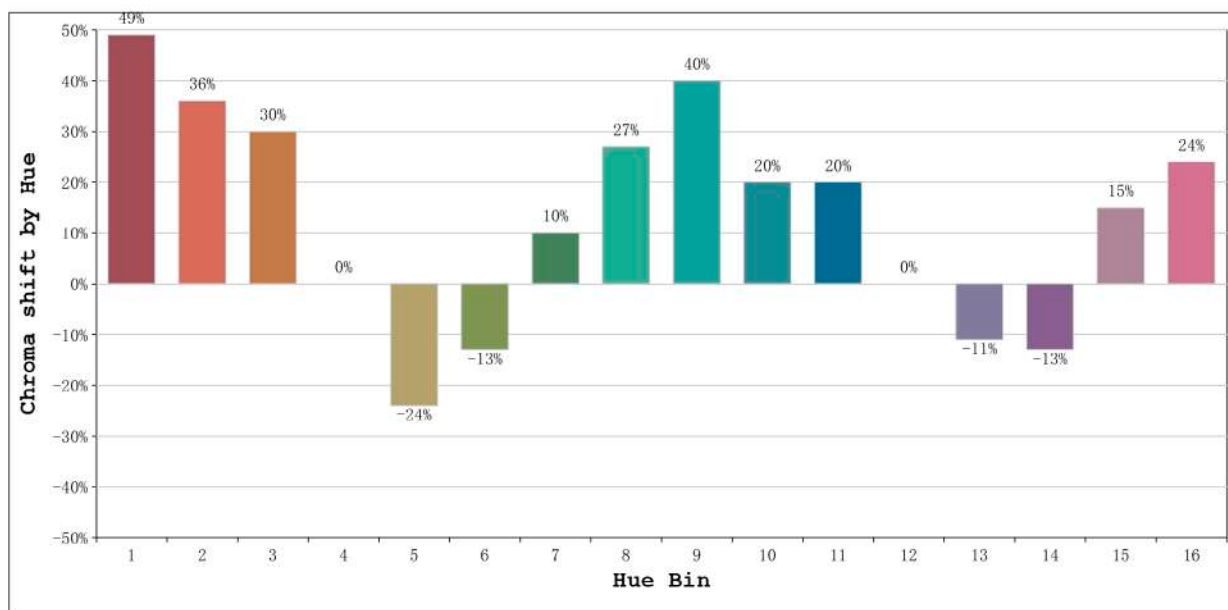
Number: 32.028
 Date:25-5-2021
 Humidity:57%
 Remarks:100cm de tira flexible

Rf: 30 CCT: 100000 K u': 0.1851
Rg: 115 Duv: -0.0098 v': 0.3858



Model:Ecoled Jerez RGB
Tester:Sergio Carneros
Temperature:21Deg
Manufacturer:Luz Negra S.L

Number: 32.028
Date:25-5-2021
Humidity:57%
Remarks:100cm de tira flexible

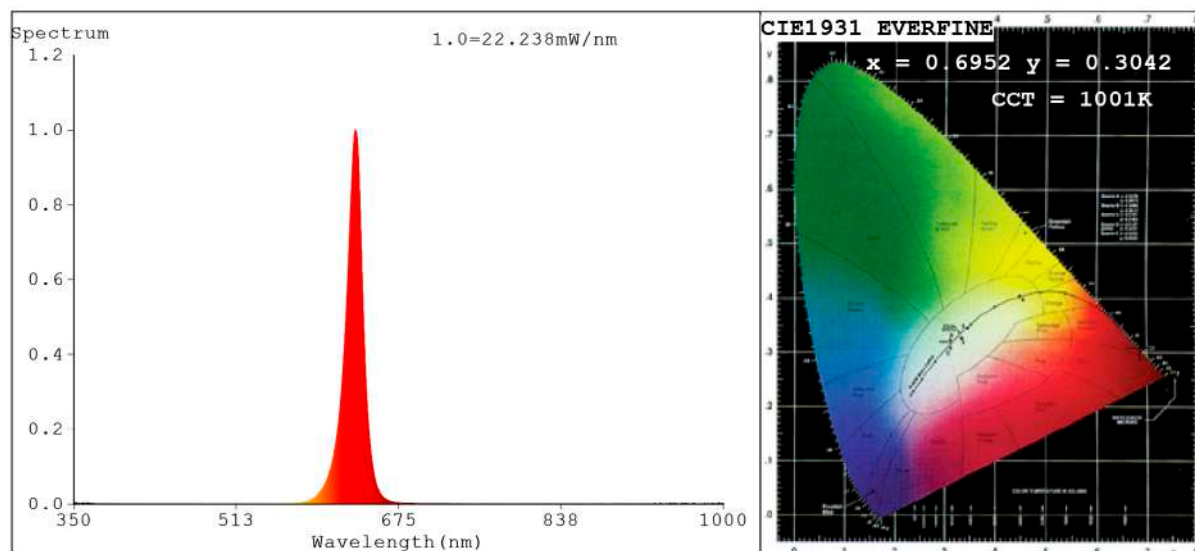


			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° - 22.5°	5	49	7
2	22.5° - 45.0°	2	36	-24
3	45.0° - 67.5°	7	30	-58
4	67.5° - 90.0°	6	0	-54
5	90.0° - 112.5°	30	-24	-26
6	112.5° - 135.0°	60	-13	8
7	135.0° - 157.5°	48	10	23
8	157.5° - 180.0°	33	27	22
9	180.0° - 202.5°	50	40	10
10	202.5° - 225.0°	48	20	-16
11	225.0° - 247.5°	43	20	-28
12	247.5° - 270.0°	26	0	-28
13	270.0° - 292.5°	62	-11	-10
14	292.5° - 315.0°	26	-13	30
15	315.0° - 337.5°	23	15	43
16	337.5° - 360.0°	18	24	25

Model:Ecoled Jerez RGB
 Tester:Sergio Carneros
 Temperature:21Deg
 Manufacturer:Luz Negra S.L

Number: 32.028
 Date:25-5-2021
 Humidity:57%
 Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6952$ $y=0.3042$ $u'=0.5287$ $v'=0.5205$

CCT=1001K (Duv=-0.0812) Dominant WL:Ld =622.3nm Purity=99.8%

Ratio:R=95.4% G=4.6% B=0.0%; Peak WL:Lp=631.6nm FWHM=17.3nm

Render Index:Ra=27.7 CRI=33.2 TM30:Rf=18 Rg=-1

R1 =8 R2 =78 R3 =33 R4 =0 R5 =4 R6 =89 R7 =9

R8 =0 R9 =0 R10=72 R11=0 R12=79 R13=31 R14=61 R15=0

Photo Parameters:

Flux = 91.68 lm Eff. : 25.96 lm/W Fe = 475.2 mW Scotopic:4.912 S/P:0.053575

Electrical parameters:

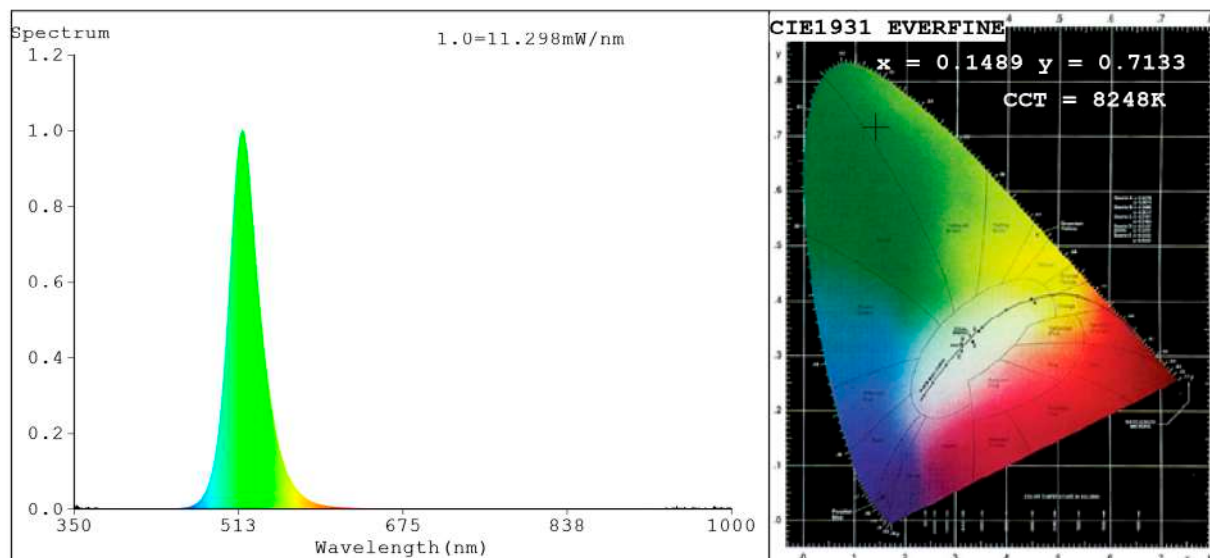
V = 11.998 V I = 0.2944 A P = 3.532 W PF = 1.000

Status: Integral T = 1444 ms Ip = 49388 (75%)

Model:Ecoled Jerez rojo
Tester:Sergio Carneros
Temperature:21Deg
Manufacturer:Luz Negra S.L

Number: 32.028
Date:25-5-2021
Humidity:57%
Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1489$ $y=0.7133$ $u'=0.0529$ $v'=0.5700$

$CCT=8248K$ (Duv=0.1621) Dominant WL: $\lambda_d = 522.1nm$ Purity=76.0%

Ratio: R=0.3% G=96.5% B=3.2%; Peak WL: $\lambda_p = 516.3nm$ FWHM=32.7nm

Render Index: $R_a=0.0$ CRI=2.8 TM30: $R_f=0$ $R_g=8$

R1 = 0 R2 = 0 R3 = 0 R4 = 0 R5 = 0 R6 = 0 R7 = 0

R8 = 0 R9 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0 R14 = 39 R15 = 0

Photo Parameters:

Flux = 196.7 lm Eff. : 60.67 lm/W $\Phi_e = 435.2 mW$ Scotopic: 618.39 S/P: 3.1441

Electrical parameters:

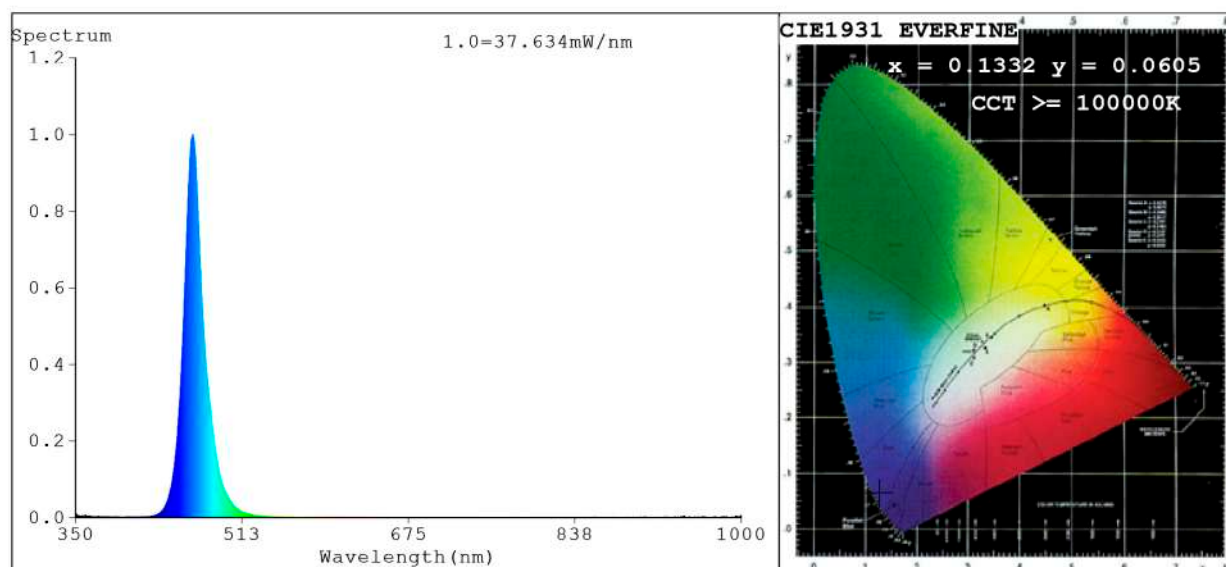
V = 11.998 V I = 0.2702 A P = 3.242 W PF = 1.000

Status: Integral T = 1444 ms $I_p = 34517$ (53%)

Model: Ecoled Jerez verde
Tester: Sergio Carneros
Temperature: 21Deg
Manufacturer: Luz Negra S.L

Number: 32.028
Date: 25-5-2021
Humidity: 57%
Remarks: 100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1332$ $y=0.0605$ $u'=0.1540$ $v'=0.1574$

CCT=100000K (Duv=0.1632) Dominant WL:Ld =468.7nm Purity=97.1%

Ratio:R=0.3% G=13.8% B=85.9%;;Peak WL:Lp=464.5nm FWHM=19.6nm

Render Index:Ra=0.3 CRI=0.1 TM30:Rf=0 Rg=-61

R1 =0 R2 =0 R3 =0 R4 =0 R5 =2 R6 =0 R7 =0

R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=0

Photo Parameters:

Flux = 62.00 lm Eff. : 17.77 lm/W Fe = 917.4 mW Scotopic:993.32 S/P:16.02

Electrical parameters:

V = 11.998 V I = 0.2909 A P = 3.490 W PF = 1.000

Status: Integral T = 722 ms Ip = 48041 (73%)

Model:Ecoled Jerez azul
 Tester:Sergio Carneros
 Temperature:21Deg
 Manufacturer:Luz Negra S.L

Number: 32.028
 Date:25-5-2021
 Humidity:57%
 Remarks:100cm de tira flexible