

HIGH BRIGHTNESS

ALCORCON

FLEXIBLE STRIP

Ref: 33.185

4200°K

Single-coloured flexible strip "PRO"

IP20 with 98 leds/metre 2835SMD.

Requires use with led profile to permit dissipation.

10mm PCB

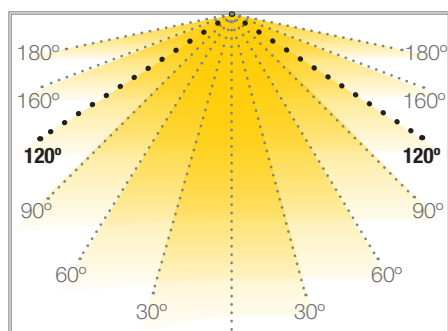
Daily recommended use: 18h

Maximum connection in open circuit: 5m

Maximum connection in closed circuit: 10m

Estimated lifespan: 50000h *

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



potencia



120°



voltaje



IP20



71.42mm



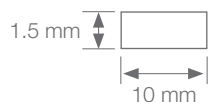
interior



trabajo

Power (W)	20W/m
Voltage (V)	24V
Led type	SMD2835
Lumens (4200°K)	2000 Lm/m
CRI	>75
Light emission	120°
Waterproofing	IP20
N° leds/m	98
Measurements	5000x10x1.5mm
Cuttable	every 71.42mm
PCB	10mm
Working temperature	-40°C / +60°C
Apt for	indoor
Packaging	1 roll/5m
Guarantee	3 years

Aprobado por: 

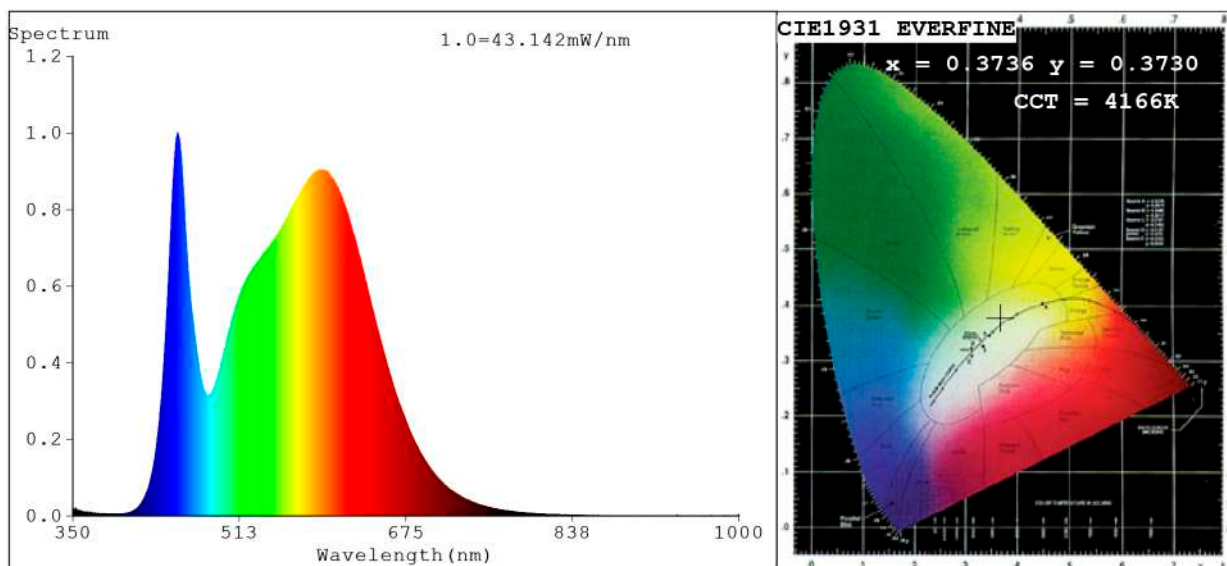


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Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3736$ $y=0.3730$ $u'=0.2221$ $v'=0.4989$

CCT=4166K (Duv=0.0003) Dominant WL:Ld =578.2nm Purity=24.0%

Ratio:R=17.9% G=78.1% B=4.0%; Peak WL:Lp=452.2nm FWHM=26.5nm

Render Index:Ra=83.9 CRI=77.6 TM30:Rf=83 Rg=95

R1 =82 R2 =90 R3 =95 R4 =82 R5 =82 R6 =86 R7 =86

R8 =66 R9 =12 R10=77 R11=81 R12=63 R13=85 R14=98 R15=77

Photo Parameters:

Flux = 2280 lm Eff. : 116.62 lm/W Fe = 7.031 W Scotopic:4003.6 S/P:1.7563

Electrical parameters:

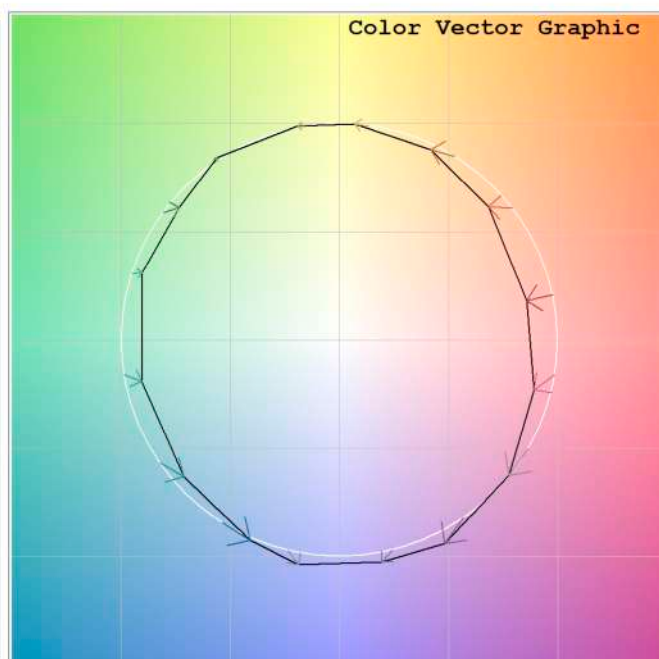
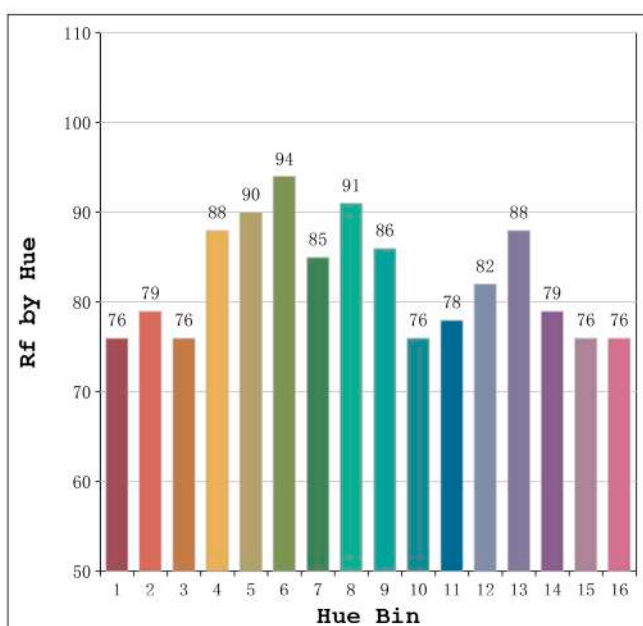
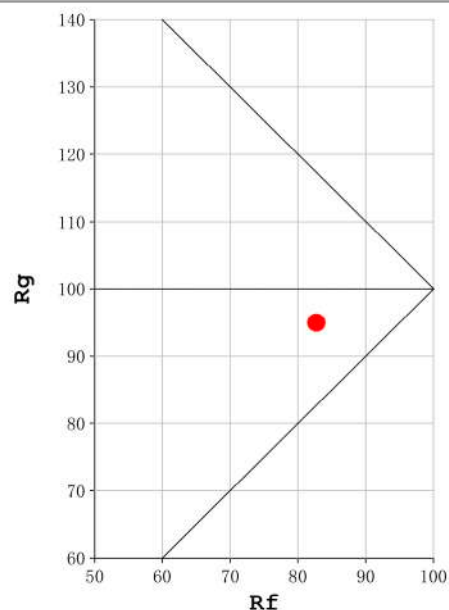
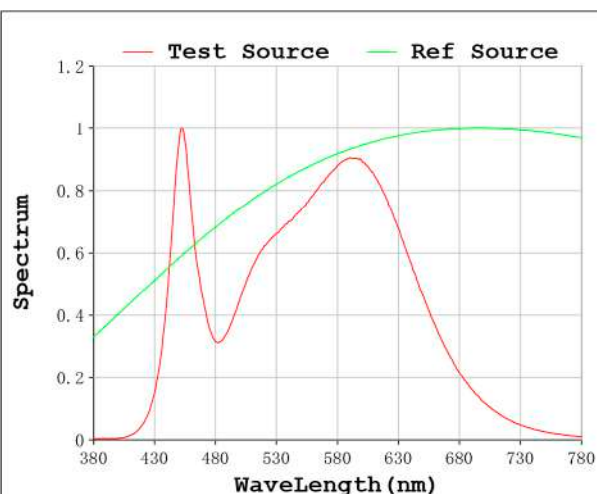
V = 23.998 V I = 0.8145 A P = 19.55 W PF = 1.000

Status: Integral T = 500 ms Ip = 38006 (58%)

Model:Ecoled Alcorcon 4000K
Tester:Sergio Carneros
Temperature:25Deg
Manufacturer:Luz Negra S.L

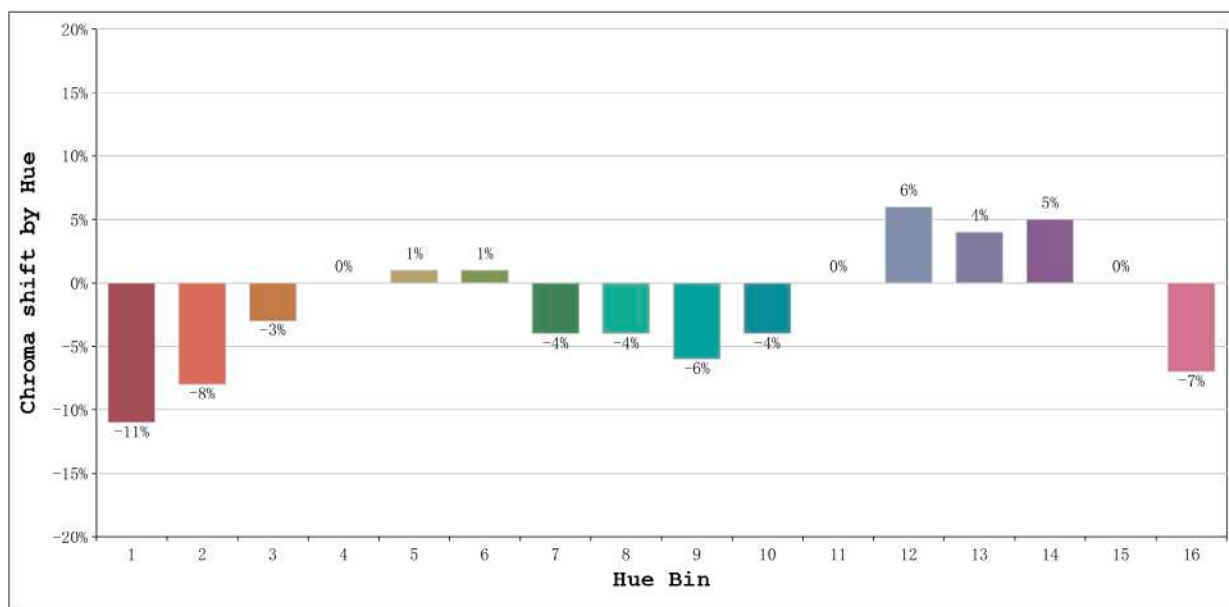
Number: 33.185
Date:25-5-2021
Humidity:57%
Remarks:100cm Tira flexible

Rf: 83 CCT: 4166 K u': 0.2221
Rg: 95 Duv: 0.0003 v': 0.4989



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			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° - 22.5°	76	-11	0
2	22.5° - 45.0°	79	-8	6
3	45.0° - 67.5°	76	-3	11
4	67.5° - 90.0°	88	0	6
5	90.0° - 112.5°	90	1	3
6	112.5° - 135.0°	94	1	-1
7	135.0° - 157.5°	85	-4	-5
8	157.5° - 180.0°	91	-4	0
9	180.0° - 202.5°	86	-6	4
10	202.5° - 225.0°	76	-4	11
11	225.0° - 247.5°	78	0	15
12	247.5° - 270.0°	82	6	6
13	270.0° - 292.5°	88	4	-5
14	292.5° - 315.0°	79	5	-13
15	315.0° - 337.5°	76	0	-14
16	337.5° - 360.0°	76	-7	-8

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