

FLEXIBLE LED STRIP COB 8MM

COB IP20

FLEXIBLE LED STRIP

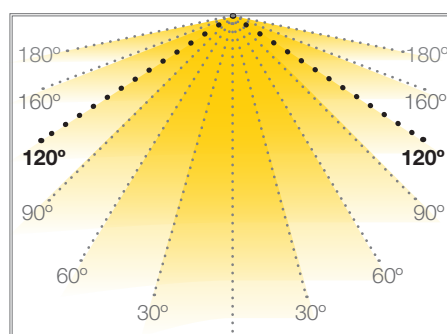
Ref: 31.145

6000°K

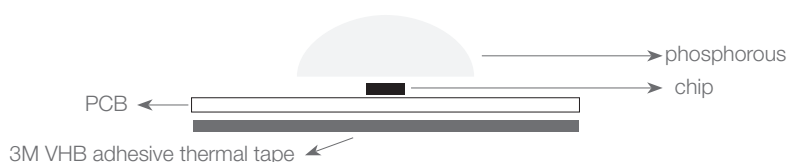
Single-colour flexible strip with COB technology that allow us to light up luminaires achieving a non-dotting effect. To prevent the usual problems of the COB technology, our COB led strips have a small iron strip incorporated at the back of the PCB which improves heat dissipation.

Daily recommended use: 20h
Maximum connection in open circuit: 5m
Maximum connection in closed circuit: 10m
Estimated lifespan: 50000h *

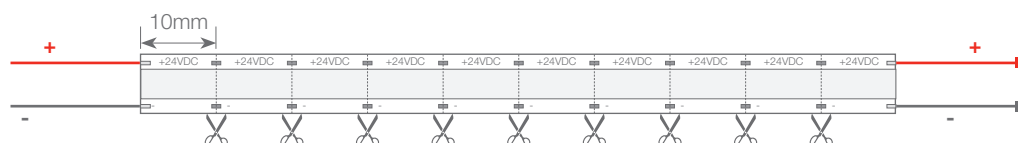
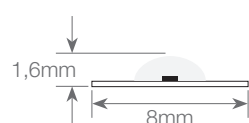
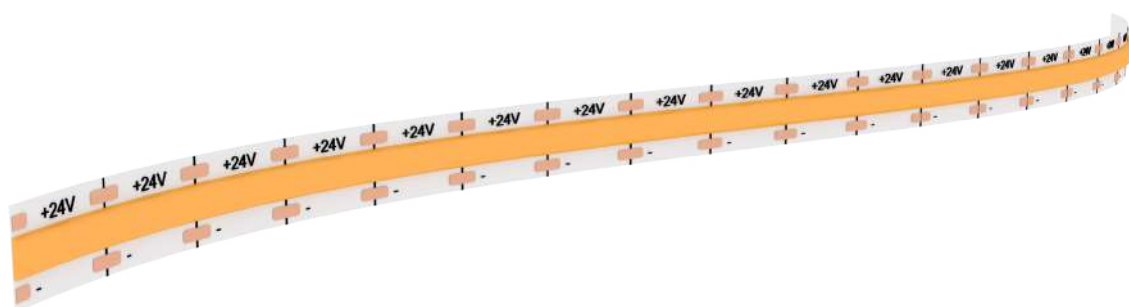
* Depending on the dissipation of the profile, the daily working hours and the external environmental working temperature.



Power (W)	11W/m
Voltage (V)	24V
Led type	COB
Lumens 6000°K	1177 Lm/m
IRC	>90
Light emission	120°
Waterproofing	IP20
N° leds/m	600
Measurements	5000x8x1.6mm
Cuttable	every 10mm
PCB	8mm
Working temperature	-25°C / +45°C
Apt for	indoor
Packaging	1 roll/5m
Guarantee	2 years



Approved by: 

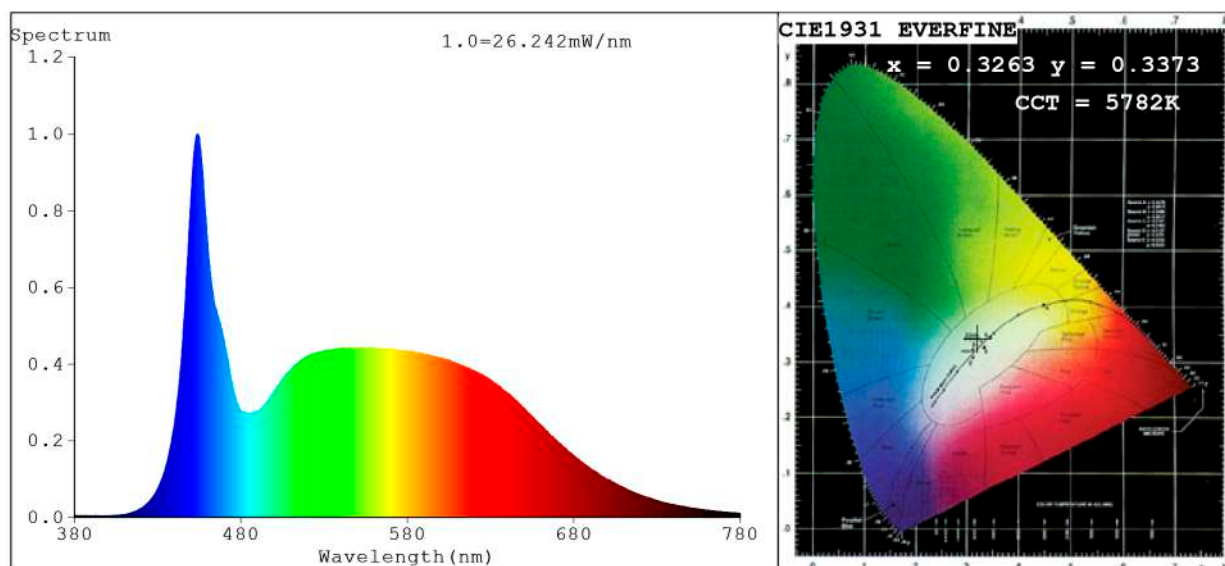


BARCELONA
C/ Carles Buigues, 13
08420 Canovelles
Info@luznegra.net
Tel: +34 938 402 598

MADRID
C/ Adaptación, 27
28906 Getafe
centro@luznegra.net
Tel: +34 916 416 081

PARIS
113 Avenue Joffre
77450 Esbly
france@luznegra.net
Tel: +33 (0) 160 426 585

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3263$ $y=0.3373$ $u'=0.2041$ $v'=0.4747$

$CCT=5782K$ (Duv=0.0009) Dominant WL:Ld =499.1nm Purity=2.2%

Ratio:R=15.7% G=78.4% B=5.9%; Peak WL:Lp=453.9nm FWHM=22.1nm

Render Index:Ra=91.5 CRI=87.6 TM30:Rf=88 Rg=98

R1 =92 R2 =96 R3 =95 R4 =90 R5 =91 R6 =91 R7 =93

R8 =85 R9 =60 R10=88 R11=90 R12=65 R13=94 R14=98 R15=90

Photo Parameters:

Flux = 791.5 lm Eff. : 79.55 lm/W Fe = 2.724 W Scotopic:1764.5 S/P:2.2294

Electrical parameters:

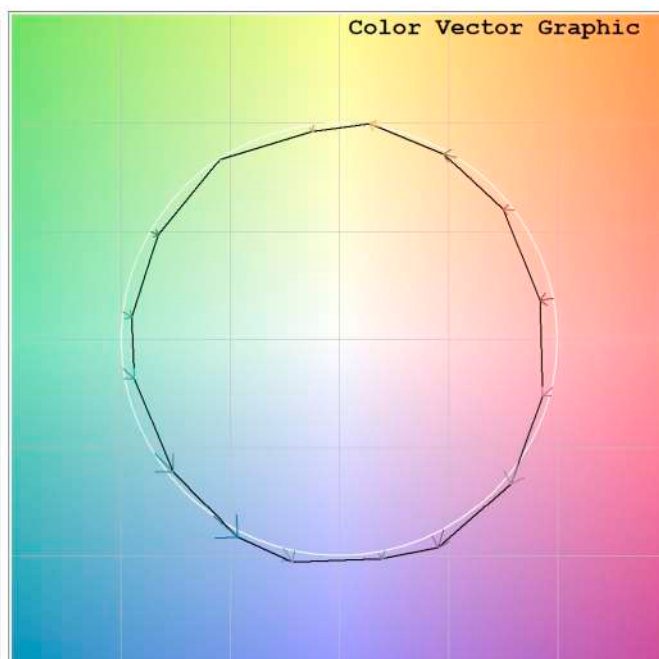
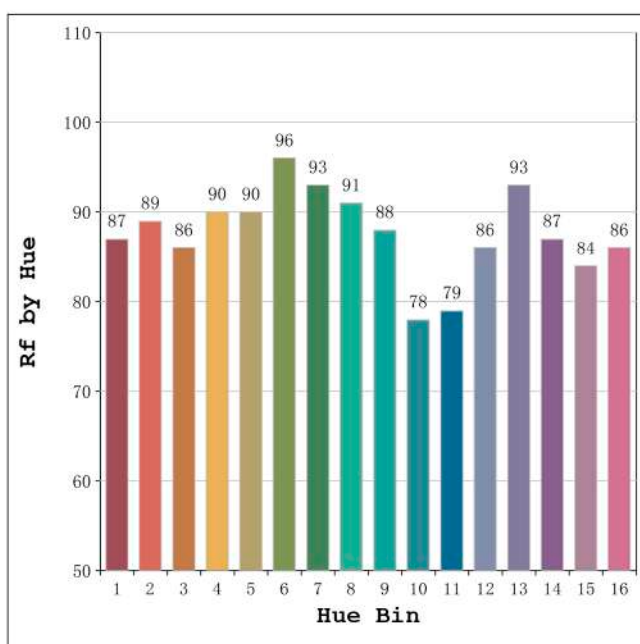
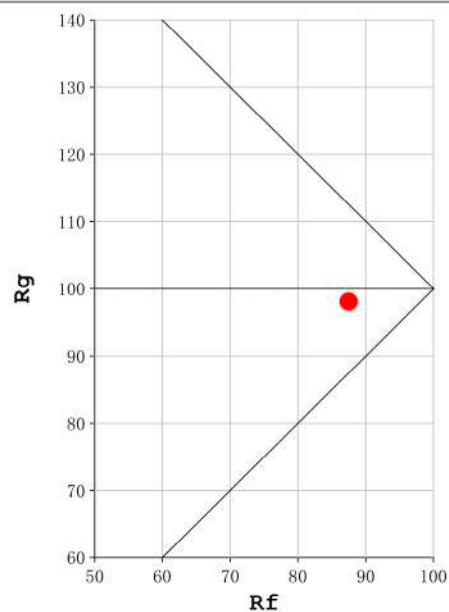
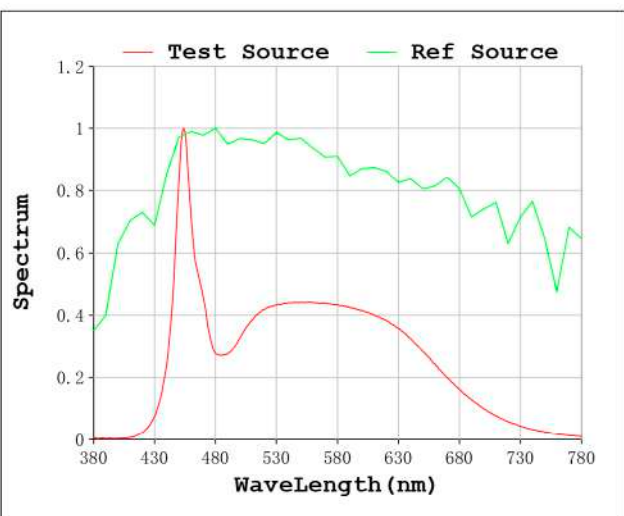
V = 23.998 V I = 0.4146 A P = 9.950 W PF = 1.000

Status: Integral T = 942 ms Ip = 39930 (61%)

Model:Ecoled Cob 8 6000K
Tester:Sergio Carneros
Temperature:25Deg
Manufacturer:Luz Negra S.L

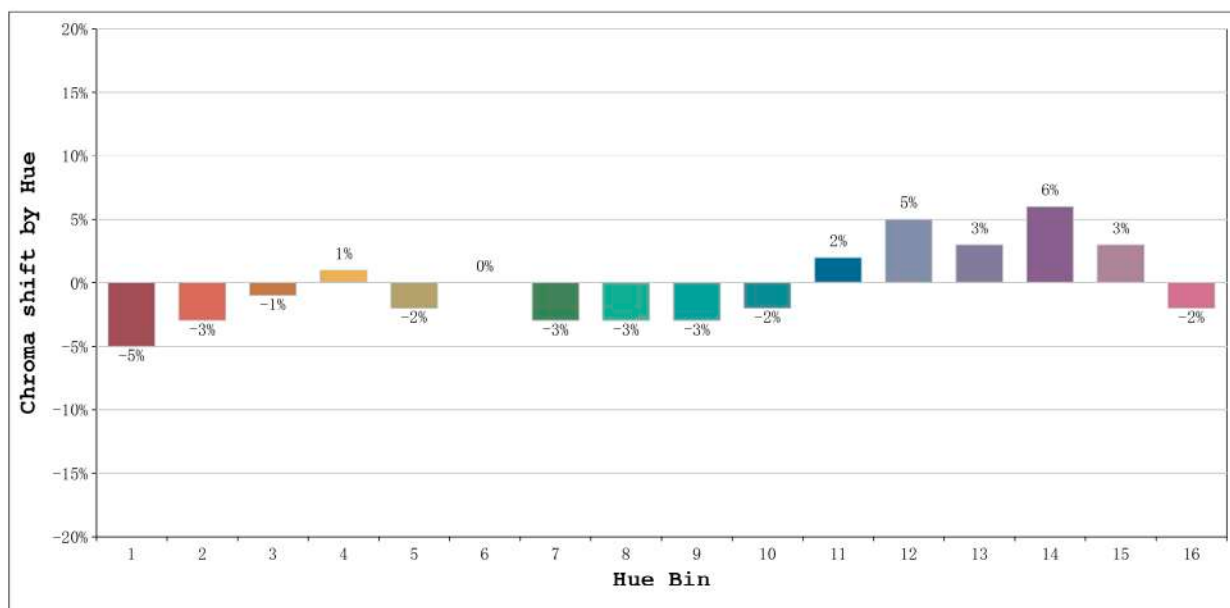
Number: 35.145
Date:2021-07-01
Humidity:57%
Remarks:100cm de tira flexible

Rf: 88 CCT: 5782 K u': 0.2041
Rg: 98 Duv: 0.0009 v': 0.4747



Model:Ecoled Cob 8 6000K
Tester:Sergio Carneros
Temperature:25Deg
Manufacturer:Luz Negra S.L

Number: 35.145
Date:2021-07-01
Humidity:57%
Remarks:100cm de tira flexible



Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	87	-5	0
2	22.5° - 45.0°	89	-3	3
3	45.0° - 67.5°	86	-1	6
4	67.5° - 90.0°	90	1	5
5	90.0° - 112.5°	90	-2	1
6	112.5° - 135.0°	96	0	0
7	135.0° - 157.5°	93	-3	0
8	157.5° - 180.0°	91	-3	2
9	180.0° - 202.5°	88	-3	6
10	202.5° - 225.0°	78	-2	12
11	225.0° - 247.5°	79	2	14
12	247.5° - 270.0°	86	5	5
13	270.0° - 292.5°	93	3	-1
14	292.5° - 315.0°	87	6	-6
15	315.0° - 337.5°	84	3	-8
16	337.5° - 360.0°	86	-2	-4

Model:Ecoled Cob 8 6000K
 Tester:Sergio Carneros
 Temperature:25Deg
 Manufacturer:Luz Negra S.L

Number: 35.145
 Date:2021-07-01
 Humidity:57%
 Remarks:100cm de tira flexible